

Q1 Your full name (optional):

Answered: 97 Skipped: 11

#	RESPONSES	DATE
1	Johann "Savage" Breytenbach	7/31/2023 7:59 PM
2	Rory Malcolm	7/31/2023 9:10 AM
3	Heine Jacobus Muller	7/30/2023 10:05 PM
4	Paul Cochrane	7/30/2023 2:46 PM
5	Greg Forsyth	7/28/2023 3:21 PM
6	Mark Johns	7/28/2023 12:59 PM
7	Emile Grobbelaar	7/28/2023 11:23 AM
8	Gabriel Stephanus Badenhorst	7/28/2023 10:23 AM
9	Douglas Hardy	7/27/2023 4:21 PM
10	Patrick Shone	7/27/2023 1:03 PM
11	Francois Louw	7/27/2023 9:23 AM
12	Andrew	7/27/2023 8:59 AM
13	Etienne Van Bergen	7/27/2023 7:46 AM
14	Gideon van Lill	7/26/2023 5:14 PM
15	Dr Anthony Roberts	7/26/2023 3:11 PM
16	Louise de Roubaix	7/26/2023 3:05 PM
17	Liezl de Villiers	7/26/2023 2:37 PM
18	Owen Leatherby	7/26/2023 1:15 PM
19	Arnold Swart	7/26/2023 12:36 PM
20	Justin Miller	7/26/2023 11:32 AM
21	Rodney February	7/26/2023 11:32 AM
22	Hein Niemand	7/26/2023 10:52 AM
23	Wayne	7/26/2023 10:36 AM
24	Paul Johannes Gerber	7/26/2023 10:34 AM
25	Gerhard Otto	7/26/2023 10:17 AM
26	Chris Martens	7/26/2023 9:46 AM
27	Bernardus Groenewald	7/26/2023 9:29 AM
28	DALE NORTJE	7/26/2023 9:15 AM
29	Jurina le Roux	7/26/2023 8:53 AM
30	Paul Lutz	7/26/2023 8:21 AM
31	Ruan Matthee	7/26/2023 8:16 AM
32	Etienne du toit	7/26/2023 8:12 AM
33	Guy Deacon	7/26/2023 8:11 AM
34	Marlu	7/26/2023 7:46 AM
35	Penelope Glanville	7/26/2023 7:45 AM

South Africa Wildland Fire Survey

36	Clifford Dorse	7/26/2023 7:44 AM
37	Philip Cox	7/26/2023 7:39 AM
38	Clinton Manuel	7/26/2023 7:01 AM
39	Joy Garman	7/26/2023 6:59 AM
40	Angelo	7/25/2023 9:48 PM
41	Wendy Tawse	7/25/2023 8:37 PM
42	Augustine Morkel	7/25/2023 7:41 PM
43	Aleksandar Gradinski	7/25/2023 7:19 PM
44	Matthew Norval	7/25/2023 7:01 PM
45	Daan van Leeuwen Boomkamp	7/25/2023 6:30 PM
46	Terry Tedder	7/25/2023 6:16 PM
47	Julia Wood	7/25/2023 6:04 PM
48	Brian William van Wilgen	7/25/2023 6:03 PM
49	Henri Alexandre Junod	7/25/2023 6:03 PM
50	Ian Schnetler	7/25/2023 5:54 PM
51	Patrick Ryan	7/25/2023 5:23 PM
52	philip myburgh	7/25/2023 5:08 PM
53	Davin Chown	7/25/2023 4:23 PM
54	Leon Vermeulen	7/25/2023 4:21 PM
55	Buhle Mkentane	7/25/2023 1:06 PM
56	Dale Slabbert	7/24/2023 10:20 AM
57	Elana	7/21/2023 9:03 AM
58	Trevor Abrahams	7/19/2023 5:37 PM
59	Kyran Wright	7/19/2023 2:18 PM
60	Kyle October	7/19/2023 9:13 AM
61	Christiaan Pool	7/18/2023 12:38 PM
62	Chris de bruno Austin	7/18/2023 10:50 AM
63	Valerie Charlton	7/17/2023 5:38 PM
64	RUDOLPH JOHANNES VAN DER MERWE	7/17/2023 12:49 PM
65	Richard Brown	7/17/2023 10:31 AM
66	Jonathan Bell	7/17/2023 8:01 AM
67	Andre Scheepers	7/17/2023 7:17 AM
68	Cindy Coetzer	7/16/2023 4:34 PM
69	Orlando Filander	7/16/2023 10:57 AM
70	craig spencer	7/15/2023 12:12 PM
71	Deon de Villiers	7/14/2023 4:17 PM
72	AnneLise Vlok	7/14/2023 3:58 PM
73	Andre Riley	7/14/2023 3:20 PM
74	Mark Jackson	7/14/2023 1:52 PM
75	Tony Marshall	7/14/2023 12:45 PM
76	Peter Viljoen	7/14/2023 11:55 AM

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77	Wayne Sternsdorf	7/14/2023 10:24 AM
78	Tarron Dry	7/14/2023 10:06 AM
79	Matlosana Fire Protection Association	7/14/2023 9:09 AM
80	Louis Buys	7/14/2023 8:39 AM
81	Eric Stoch	7/13/2023 10:05 PM
82	Rob Erasmus	7/13/2023 6:39 PM
83	Deon Greyling	7/13/2023 4:44 PM
84	Dean da Costa	7/13/2023 3:51 PM
85	Rob Little	7/13/2023 2:49 PM
86	Ian Newton	7/13/2023 2:41 PM
87	Dalton Gibbs	7/13/2023 1:55 PM
88	John Wesson	7/13/2023 1:14 PM
89	Paul Keith Morris	7/13/2023 1:08 PM
90	Bertus Senekal	7/13/2023 12:56 PM
91	Lee Child	7/13/2023 12:50 PM
92	CHJL Malan	7/13/2023 12:33 PM
93	Dean Ferreira	7/13/2023 12:12 PM
94	Michelle Teressa Kleinhans	7/13/2023 12:08 PM
95	Charl du Plessis	7/13/2023 12:06 PM
96	Louis Fleming	7/7/2023 4:37 PM
97	Tim Murphy	7/7/2023 3:11 PM

Q2 Your email address (optional):

Answered: 95 Skipped: 13

#	RESPONSES	DATE
1	genman@fsufpa.co.za	7/31/2023 7:59 PM
2	rormal@bridgehouse.org.za	7/31/2023 9:10 AM
3	hemuller@pgbison.co.za	7/30/2023 10:05 PM
4	Paul@klapmutsfarmwatch.co.za	7/30/2023 2:46 PM
5	gforsyth@africa.com	7/28/2023 3:21 PM
6	mjohns@capenature.co.za	7/28/2023 12:59 PM
7	emile@kishugu.com	7/28/2023 11:23 AM
8	gbadenhorst@overstrand.gov.za	7/28/2023 10:23 AM
9	dougtrac@mweb.co.za	7/27/2023 4:21 PM
10	pshone@capenature.co.za	7/27/2023 1:03 PM
11	farm@7koppies.co.za	7/27/2023 9:23 AM
12	Ettienne.vanbergen@capetown.gov.za	7/27/2023 7:46 AM
13	Kubusi Plantation, Stutterheim, 4930, South Africa	7/26/2023 5:14 PM
14	anthonyr@natureconnect.earth	7/26/2023 3:11 PM
15	louise@centurycity.co.za	7/26/2023 3:05 PM

South Africa Wildland Fire Survey

16	ldevilliers@overstrand.gov.za	7/26/2023 2:37 PM
17	o	7/26/2023 1:15 PM
18	wildfire.incidents@gmail.com	7/26/2023 12:36 PM
19	justinm@ncc-group.co.za	7/26/2023 11:32 AM
20	rfebruary@wwf.org.za	7/26/2023 11:32 AM
21	hein@ecufpa.co.za	7/26/2023 10:52 AM
22	wayne.scfpa@gmail.com	7/26/2023 10:36 AM
23	pgerber@dff.e.gov.za	7/26/2023 10:34 AM
24	gotto@grdm.gov.za	7/26/2023 10:17 AM
25	chris@fynbos-trust.co.za	7/26/2023 9:46 AM
26	bernardus@overbergwildfirevolunteers.co.za	7/26/2023 9:29 AM
27	manager@winelandsfpa.co.za	7/26/2023 9:15 AM
28	lerouxju@eskom.co.za	7/26/2023 8:53 AM
29	palutz@gmail.com	7/26/2023 8:21 AM
30	eastmanager@cpfpa.org.za	7/26/2023 8:16 AM
31	etienne.dutoit@westerncape.gov.za	7/26/2023 8:12 AM
32	guy@meatnaturallyafrica.com	7/26/2023 8:11 AM
33	marthinus.rust@westerncape.gov.za	7/26/2023 7:46 AM
34	Penelope.glanville@capetown.gov.za	7/26/2023 7:45 AM
35	clifford.dorse@capetown.gov.za	7/26/2023 7:44 AM
36	phil@evsolutions.biz	7/26/2023 7:39 AM
37	Clinton.Manuel@capetown.gov.za	7/26/2023 7:01 AM
38	joy.garman@capetown.gov.za	7/26/2023 6:59 AM
39	aaplon@overstrand.gov.za	7/25/2023 9:48 PM
40	wtawse@capenature.co.za	7/25/2023 8:37 PM
41	augustine_morkel@yahoo.com	7/25/2023 7:41 PM
42	alekgradinski@gmail.com	7/25/2023 7:19 PM
43	matthew@wfa.africa	7/25/2023 7:01 PM
44	drakensteinfw@gmail.com	7/25/2023 6:30 PM
45	terrytedder@mweb.co.za	7/25/2023 6:16 PM
46	julia.wood@capetown.gov.za	7/25/2023 6:04 PM
47	BVANWILGEN@SUN.AC.ZA	7/25/2023 6:03 PM
48	alexlesjunod@gmail.com	7/25/2023 6:03 PM
49	Schnetlerian@gmail.com	7/25/2023 5:54 PM
50	patrick@vulcanwildfire.co.za	7/25/2023 5:23 PM
51	Philmyburgh2906@gmail.com	7/25/2023 5:08 PM
52	davin@genesis-eco.com	7/25/2023 4:23 PM
53	leonv@namakwa-dm.gov.za	7/25/2023 4:21 PM
54	Buhle.Mkentane@capetown.gov.za	7/25/2023 1:06 PM
55	Dale.Slabbert@capetown.gov.za	7/24/2023 10:20 AM
56	elana.kellerman@capetown.gov.za	7/21/2023 9:03 AM

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57	trevor.abrahams@wofire.co.za	7/19/2023 5:37 PM
58	kyran.wright@capetown.gov.za	7/19/2023 2:18 PM
59	kyle.october@capetown.gov.za	7/19/2023 9:13 AM
60	tiaan.pool@mandela.ac.za	7/18/2023 12:38 PM
61	chris.austin@kishugu.com	7/18/2023 10:50 AM
62	artafriq@iafrica.com	7/17/2023 5:38 PM
63	sampievm@lantic.net	7/17/2023 12:49 PM
64	rbrown@heroldgie.co.za	7/17/2023 10:31 AM
65	jonathan.bell@capetown.gov.za	7/17/2023 8:01 AM
66	manager@lefpfa.co.za	7/17/2023 7:17 AM
67	Cindydawnlaw@gmail.com	7/16/2023 4:34 PM
68	orlando@spier.co.za	7/16/2023 10:57 AM
69	craigs@transfrontierafrica.org	7/15/2023 12:12 PM
70	div.devilliers1@outlook.com	7/14/2023 4:17 PM
71	Andre.riley@sanparks.org	7/14/2023 3:20 PM
72	mark@fireforce.co.za	7/14/2023 1:52 PM
73	tonymarshall002@gmail.com	7/14/2023 12:45 PM
74	peter@contourenviro.co.za	7/14/2023 11:55 AM
75	wsternsdorf@knysna.gov.za	7/14/2023 10:24 AM
76	tdry@overstrand.gov.za	7/14/2023 10:06 AM
77	matlosanafpa@outlook.com	7/14/2023 9:09 AM
78	L.J.Buys@telkommsa.net	7/14/2023 8:39 AM
79	nwufpa@gmail.com	7/13/2023 10:05 PM
80	Enviro@absamail.co.za	7/13/2023 6:39 PM
81	deon.greyling@mondigroup.com	7/13/2023 4:44 PM
82	dean.dacosta@mondigroup.com	7/13/2023 3:51 PM
83	rob.little@uct.ac.za	7/13/2023 2:49 PM
84	ian@fire24seven.com	7/13/2023 2:41 PM
85	dalton.gibbs@capetown.gov.za	7/13/2023 1:55 PM
86	jjwesson674@gmail.com	7/13/2023 1:14 PM
87	paulmorris107@gmail.com	7/13/2023 1:08 PM
88	bsenekal@wcdm.co.za	7/13/2023 12:56 PM
89	lchild@qorusdocs.com	7/13/2023 12:50 PM
90	leroux@flymcc.co.za	7/13/2023 12:33 PM
91	deanf@ncc-group.co.za	7/13/2023 12:12 PM
92	michelle@dynamicincident.co.za	7/13/2023 12:08 PM
93	charl@cederberfpa.co.za	7/13/2023 12:06 PM
94	louis.fleming@usda.gov	7/7/2023 4:37 PM
95	Timmurphy5000	7/7/2023 3:11 PM

Q3 Your gender (optional):

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Answered: 93 Skipped: 15

#	RESPONSES	DATE
1	male	7/31/2023 7:59 PM
2	Male	7/31/2023 9:10 AM
3	Male	7/30/2023 10:05 PM
4	Male	7/30/2023 2:46 PM
5	male	7/28/2023 3:21 PM
6	Male	7/28/2023 12:59 PM
7	Male	7/28/2023 11:23 AM
8	Male	7/28/2023 10:23 AM
9	male	7/27/2023 4:21 PM
10	Male	7/27/2023 1:03 PM
11	Male	7/27/2023 9:23 AM
12	Male	7/27/2023 8:59 AM
13	Male	7/27/2023 7:46 AM
14	Male	7/26/2023 5:14 PM
15	Male	7/26/2023 3:11 PM
16	Female	7/26/2023 3:05 PM
17	Female	7/26/2023 2:37 PM
18	m	7/26/2023 1:15 PM
19	MALE	7/26/2023 12:36 PM
20	Male	7/26/2023 11:32 AM
21	Male	7/26/2023 11:32 AM
22	Male	7/26/2023 10:52 AM
23	Male	7/26/2023 10:36 AM
24	Male	7/26/2023 10:34 AM
25	Male	7/26/2023 10:17 AM
26	male	7/26/2023 9:46 AM
27	Male	7/26/2023 9:29 AM
28	male	7/26/2023 9:15 AM
29	Female	7/26/2023 8:53 AM
30	male	7/26/2023 8:21 AM
31	Male	7/26/2023 8:16 AM
32	Male	7/26/2023 8:12 AM
33	male	7/26/2023 8:11 AM
34	male	7/26/2023 7:46 AM
35	female	7/26/2023 7:45 AM
36	Male	7/26/2023 7:44 AM
37	Male	7/26/2023 7:39 AM
38	Male	7/26/2023 7:01 AM

South Africa Wildland Fire Survey

39	female	7/26/2023 6:59 AM
40	male	7/25/2023 9:48 PM
41	Female	7/25/2023 8:37 PM
42	Male	7/25/2023 7:41 PM
43	male	7/25/2023 7:19 PM
44	Male	7/25/2023 6:30 PM
45	male	7/25/2023 6:16 PM
46	Female	7/25/2023 6:04 PM
47	Male	7/25/2023 6:03 PM
48	Male	7/25/2023 6:03 PM
49	Male	7/25/2023 5:54 PM
50	Male	7/25/2023 5:08 PM
51	M	7/25/2023 4:23 PM
52	Male	7/25/2023 4:21 PM
53	Male	7/25/2023 1:06 PM
54	female	7/24/2023 10:20 AM
55	Female	7/21/2023 9:03 AM
56	Male	7/19/2023 5:37 PM
57	Male	7/19/2023 2:18 PM
58	male	7/19/2023 9:13 AM
59	Male	7/18/2023 12:38 PM
60	male	7/18/2023 10:50 AM
61	male	7/17/2023 11:34 PM
62	Female	7/17/2023 5:38 PM
63	MALE	7/17/2023 12:49 PM
64	male	7/17/2023 10:31 AM
65	Male	7/17/2023 8:01 AM
66	Female	7/16/2023 4:34 PM
67	Male	7/16/2023 10:57 AM
68	Male	7/15/2023 12:12 PM
69	male	7/14/2023 4:17 PM
70	female	7/14/2023 3:58 PM
71	Male	7/14/2023 3:20 PM
72	male	7/14/2023 1:52 PM
73	Male	7/14/2023 12:45 PM
74	m	7/14/2023 11:55 AM
75	Male	7/14/2023 10:24 AM
76	Male	7/14/2023 10:06 AM
77	Male	7/14/2023 8:39 AM
78	Male	7/13/2023 10:05 PM
79	Male	7/13/2023 6:39 PM

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80	m	7/13/2023 4:44 PM
81	Male	7/13/2023 3:51 PM
82	male	7/13/2023 2:49 PM
83	Male	7/13/2023 2:41 PM
84	Male	7/13/2023 1:55 PM
85	Male	7/13/2023 1:14 PM
86	Male	7/13/2023 1:08 PM
87	Male	7/13/2023 12:56 PM
88	Male	7/13/2023 12:50 PM
89	Male	7/13/2023 12:33 PM
90	Male	7/13/2023 12:12 PM
91	Female	7/13/2023 12:08 PM
92	Male	7/13/2023 12:06 PM
93	Male	7/7/2023 4:37 PM

Q4 Your race (optional):

Answered: 78 Skipped: 30

#	RESPONSES	DATE
1	European	7/31/2023 7:59 PM
2	White	7/31/2023 9:10 AM
3	White	7/30/2023 10:05 PM
4	White	7/30/2023 2:46 PM
5	White	7/28/2023 12:59 PM
6	Caucasian	7/28/2023 11:23 AM
7	white	7/28/2023 10:23 AM
8	white African	7/27/2023 4:21 PM
9	White	7/27/2023 1:03 PM
10	White	7/27/2023 9:23 AM
11	White	7/26/2023 5:14 PM
12	European descent	7/26/2023 3:11 PM
13	Caucasian	7/26/2023 3:05 PM
14	White	7/26/2023 2:37 PM
15	w	7/26/2023 1:15 PM
16	WHITE	7/26/2023 12:36 PM
17	White	7/26/2023 10:36 AM
18	White	7/26/2023 10:17 AM
19	caucasian	7/26/2023 9:46 AM
20	White	7/26/2023 9:29 AM
21	white	7/26/2023 9:15 AM
22	white	7/26/2023 8:21 AM

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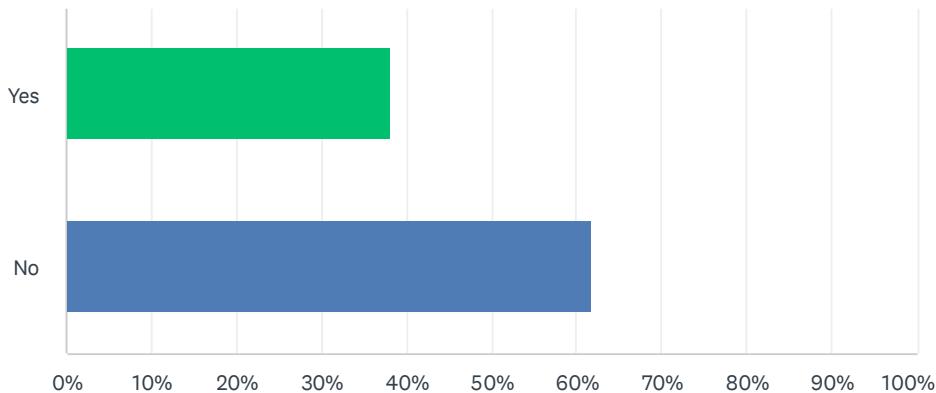
23	White	7/26/2023 8:16 AM
24	Caucasian	7/26/2023 8:12 AM
25	white	7/26/2023 7:46 AM
26	South African	7/26/2023 7:45 AM
27	White	7/26/2023 7:44 AM
28	White	7/26/2023 7:39 AM
29	white	7/26/2023 6:59 AM
30	White	7/25/2023 8:37 PM
31	Coloured	7/25/2023 7:41 PM
32	caucasian	7/25/2023 7:19 PM
33	White	7/25/2023 6:30 PM
34	White	7/25/2023 6:16 PM
35	White	7/25/2023 6:04 PM
36	White	7/25/2023 6:03 PM
37	White	7/25/2023 5:54 PM
38	White	7/25/2023 5:08 PM
39	White	7/25/2023 4:23 PM
40	White	7/25/2023 4:21 PM
41	Black	7/25/2023 1:06 PM
42	white	7/24/2023 10:20 AM
43	n/a	7/21/2023 9:03 AM
44	Human	7/19/2023 5:37 PM
45	White	7/19/2023 2:18 PM
46	African	7/19/2023 9:13 AM
47	White	7/18/2023 12:38 PM
48	white	7/18/2023 10:50 AM
49	white	7/17/2023 11:34 PM
50	white	7/17/2023 5:38 PM
51	WHITE	7/17/2023 12:49 PM
52	black	7/17/2023 10:31 AM
53	White	7/17/2023 8:01 AM
54	white	7/17/2023 7:17 AM
55	White	7/16/2023 4:34 PM
56	white	7/15/2023 12:12 PM
57	white	7/14/2023 4:17 PM
58	African	7/14/2023 3:58 PM
59	Caucasian	7/14/2023 3:20 PM
60	European	7/14/2023 1:52 PM
61	White	7/14/2023 12:45 PM
62	Wite	7/14/2023 10:06 AM
63	White	7/14/2023 8:39 AM

South Africa Wildland Fire Survey

64	White	7/13/2023 10:05 PM
65	White	7/13/2023 6:39 PM
66	w	7/13/2023 4:44 PM
67	European	7/13/2023 3:51 PM
68	white	7/13/2023 2:49 PM
69	Caucasian	7/13/2023 2:41 PM
70	White	7/13/2023 1:14 PM
71	White	7/13/2023 1:08 PM
72	White	7/13/2023 12:56 PM
73	White	7/13/2023 12:50 PM
74	white	7/13/2023 12:33 PM
75	White	7/13/2023 12:12 PM
76	White	7/13/2023 12:08 PM
77	White	7/13/2023 12:06 PM
78	White	7/7/2023 4:37 PM

Q5 Do you consider yourself a first nation/indigenous person (optional):

Answered: 89 Skipped: 19

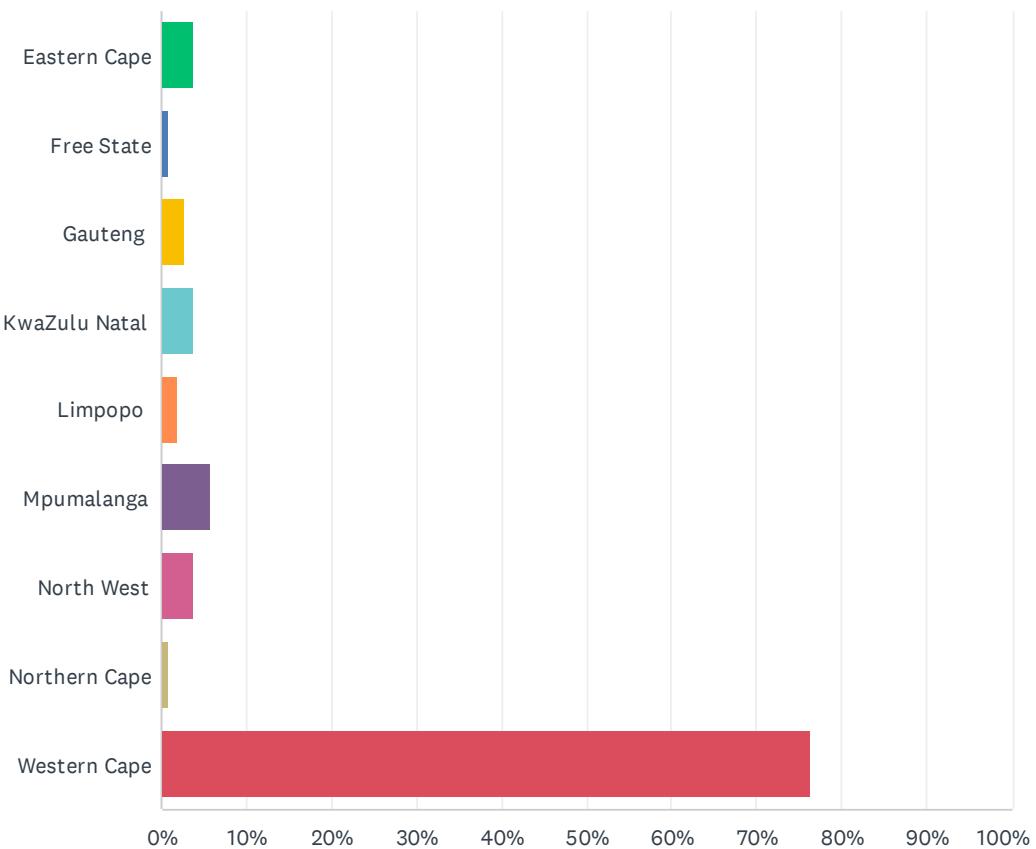


ANSWER CHOICES	RESPONSES	
Yes	38.20%	34
No	61.80%	55
TOTAL	89	

Q6 In which province do you primarily live in?

Answered: 106 Skipped: 2

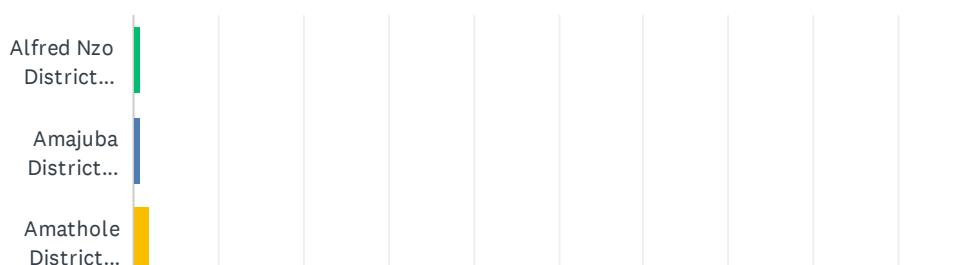
South Africa Wildland Fire Survey



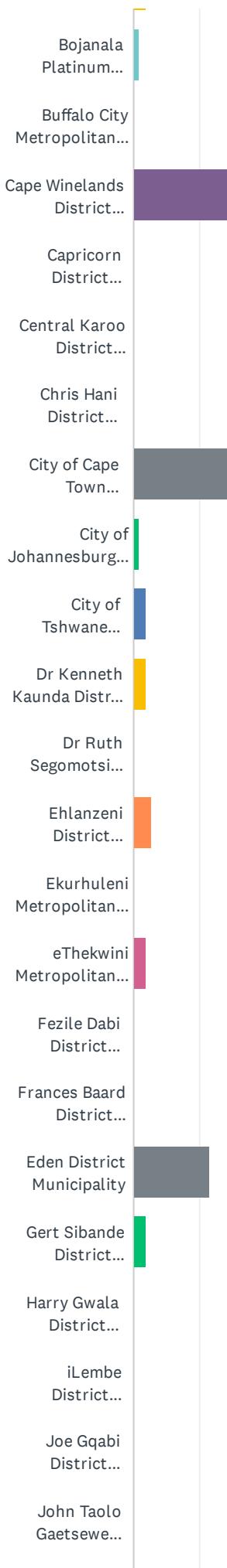
ANSWER CHOICES	RESPONSES	
Eastern Cape	3.77%	4
Free State	0.94%	1
Gauteng	2.83%	3
KwaZulu Natal	3.77%	4
Limpopo	1.89%	2
Mpumalanga	5.66%	6
North West	3.77%	4
Northern Cape	0.94%	1
Western Cape	76.42%	81
TOTAL		106

Q7 What district/metropolitan municipality do you live in?

Answered: 105 Skipped: 3



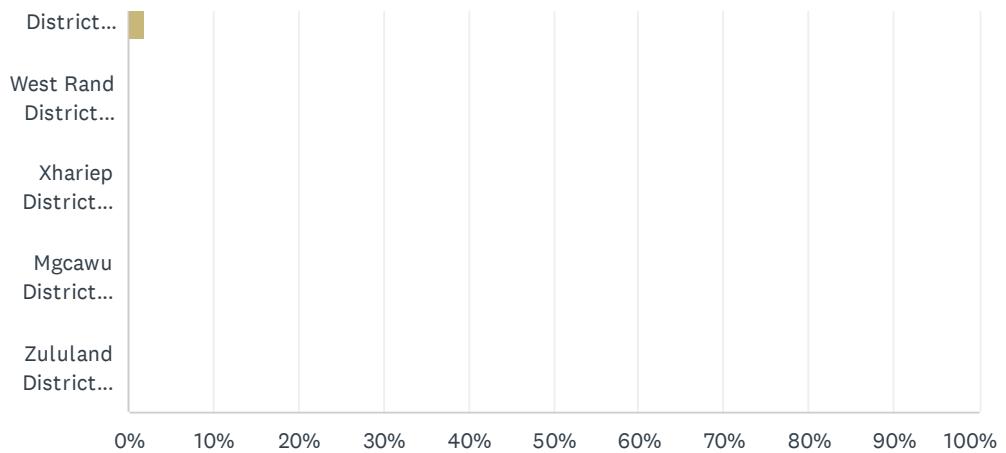
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ANSWER CHOICES	RESPONSES
Alfred Nzo District Municipality	0.95% 1
Amajuba District Municipality	0.95% 1
Amathole District Municipality	1.90% 2
Bojanala Platinum District Municipality	0.95% 1
Buffalo City Metropolitan Municipality	0.00% 0
Cape Winelands District Municipality	14.29% 15
Capricorn District Municipality	0.00% 0
Central Karoo District Municipality	0.00% 0
Chris Hani District Municipality	0.00% 0
City of Cape Town Metropolitan Municipality	41.90% 44
City of Johannesburg Metropolitan Municipality	0.95% 1
City of Tshwane Metropolitan Municipality	1.90% 2
Dr Kenneth Kaunda District Municipality	1.90% 2
Dr Ruth Segomotsi Mompati District Municipality	0.00% 0
Ehlanzeni District Municipality	2.86% 3
Ekurhuleni Metropolitan Municipality	0.00% 0
eThekweni Metropolitan Municipality	1.90% 2
Fezile Dabi District Municipality	0.00% 0
Frances Baard District Municipality	0.00% 0
Eden District Municipality	11.43% 12
Gert Sibande District Municipality	1.90% 2
Harry Gwala District Municipality	0.00% 0
iLembe District Municipality	0.00% 0
Joe Gqabi District Municipality	0.00% 0
John Taolo Gaetsewe District Municipality	0.00% 0
King Cetshwayo District Municipality	0.00% 0
Lejweleputswa District Municipality	0.00% 0
Mangaung Metropolitan Municipality	0.95% 1
Mopani District Municipality	0.95% 1
Namakwa District Municipality	0.95% 1
Nelson Mandela Bay Metropolitan Municipality	0.00% 0
Ngaka Modiri Molema District Municipality	0.95% 1
Nkangala District Municipality	0.00% 0
OR Tambo District Municipality	0.00% 0
Overberg District Municipality	8.57% 9

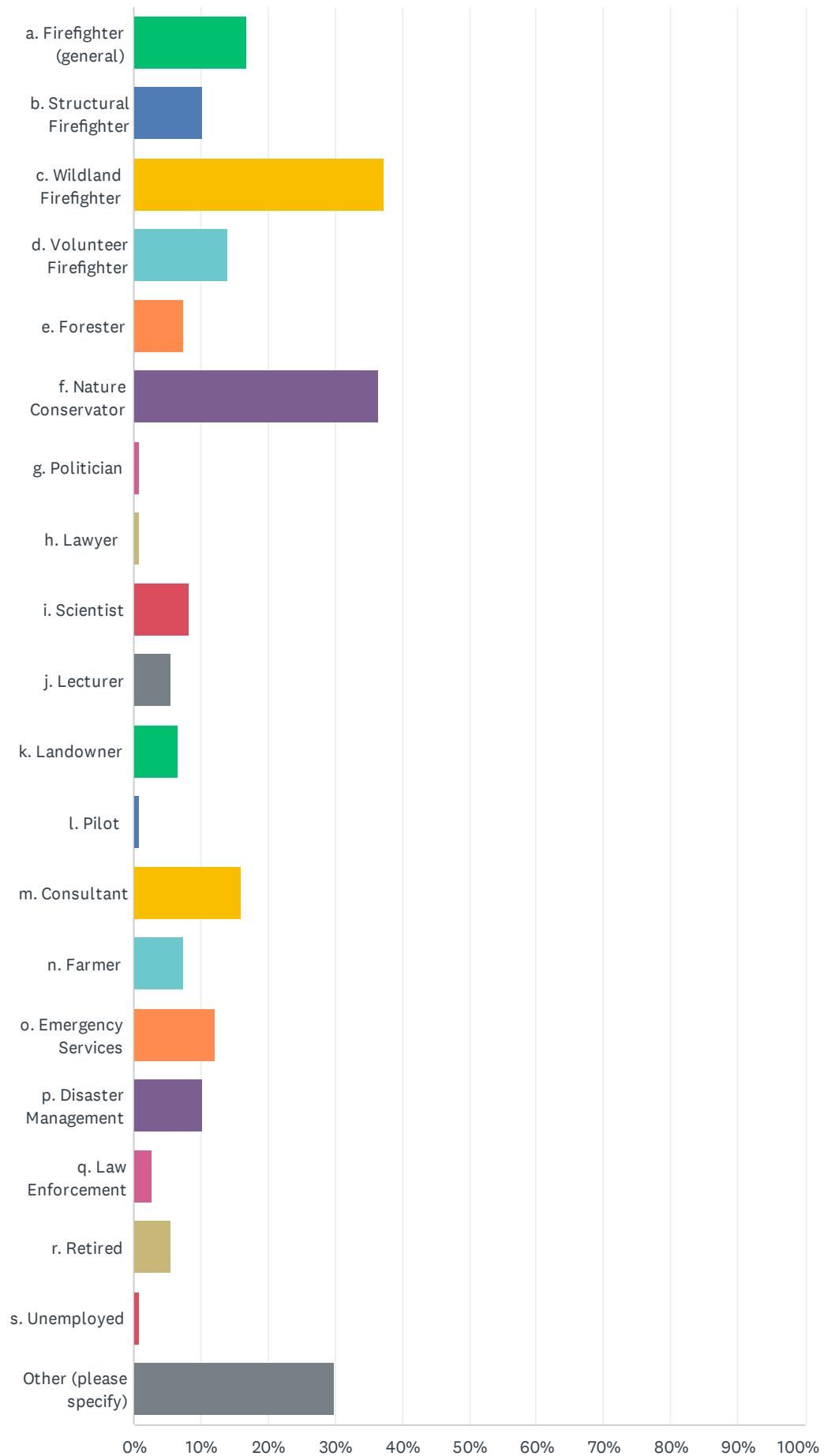
South Africa Wildland Fire Survey

Pixley ka Seme District Municipality	0.00%	0
Sarah Baartman District Municipality	0.00%	0
Sedibeng District Municipality	0.00%	0
Sekhukhune District Municipality	0.00%	0
Thabo Mofutsanyana District Municipality	0.00%	0
Ugu District Municipality	0.00%	0
uMgungundlovu District Municipality	1.90%	2
uMkhanyakude District Municipality	0.00%	0
uMzinyathi District Municipality	0.00%	0
uThukela District Municipality	0.00%	0
Vhembe District Municipality	0.00%	0
Waterberg District Municipality	0.00%	0
West Coast District Municipality	1.90%	2
West Rand District Municipality	0.00%	0
Xhariep District Municipality	0.00%	0
Mgcawu District Municipality	0.00%	0
Zululand District Municipality	0.00%	0
TOTAL		105

Q8 Your profession – check all that apply

Answered: 107 Skipped: 1

South Africa Wildland Fire Survey



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ANSWER CHOICES	RESPONSES	
a. Firefighter (general)	16.82%	18
b. Structural Firefighter	10.28%	11
c. Wildland Firefighter	37.38%	40
d. Volunteer Firefighter	14.02%	15
e. Forester	7.48%	8
f. Nature Conservator	36.45%	39
g. Politician	0.93%	1
h. Lawyer	0.93%	1
i. Scientist	8.41%	9
j. Lecturer	5.61%	6
k. Landowner	6.54%	7
l. Pilot	0.93%	1
m. Consultant	15.89%	17
n. Farmer	7.48%	8
o. Emergency Services	12.15%	13
p. Disaster Management	10.28%	11
q. Law Enforcement	2.80%	3
r. Retired	5.61%	6
s. Unemployed	0.93%	1
Other (please specify)	29.91%	32
Total Respondents: 107		

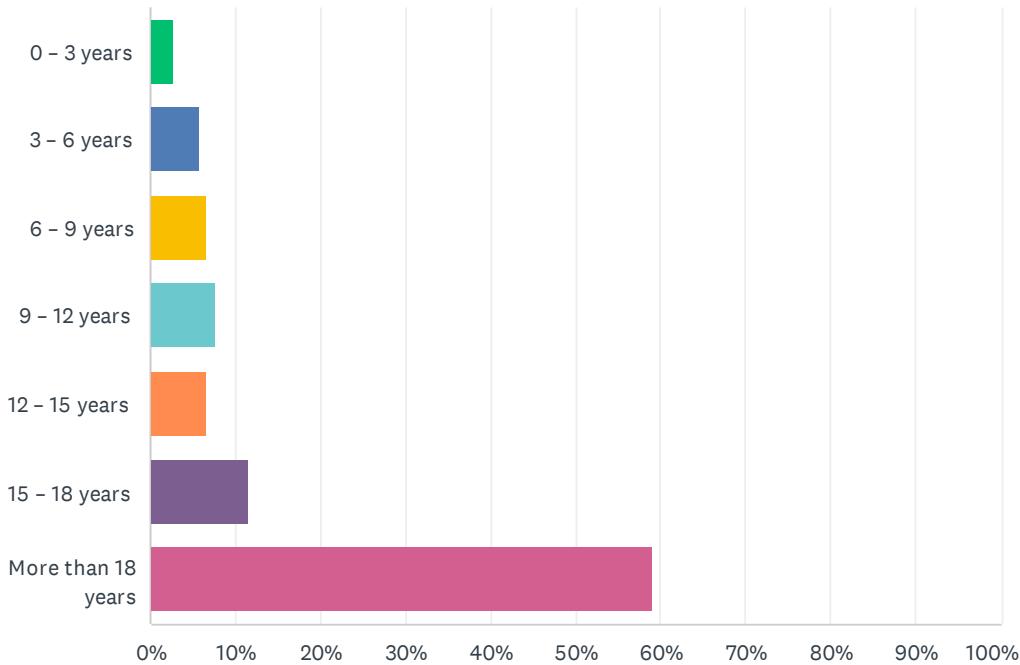
#	OTHER (PLEASE SPECIFY)	DATE
1	Self employed, smallholder, Farm Watch active member	7/30/2023 2:46 PM
2	Wildland Fire Resource Service Provider	7/28/2023 11:23 AM
3	Engineer	7/27/2023 5:29 PM
4	General Manager	7/26/2023 5:14 PM
5	Chief Executive Officer	7/26/2023 3:11 PM
6	Environmental Manager	7/26/2023 3:05 PM
7	Insurance Broker	7/26/2023 1:15 PM
8	Fire Investigator/ CFEI; Wildland	7/26/2023 12:36 PM
9	Ecologist	7/26/2023 11:32 AM
10	Fire Protection Association Regional Manager	7/26/2023 10:56 AM
11	Umbrella Fire Protection Association	7/26/2023 10:52 AM
12	Community-based fire manager	7/26/2023 8:11 AM
13	Fire protection association chairman	7/26/2023 7:19 AM
14	Chief Fire Officer	7/26/2023 7:01 AM
15	Environmentalist	7/26/2023 6:59 AM

South Africa Wildland Fire Survey

16	Administrator	7/25/2023 8:37 PM
17	Fire Protection Officer	7/25/2023 6:16 PM
18	manager fire services	7/25/2023 4:21 PM
19	Practitioner	7/17/2023 5:38 PM
20	Environmental management	7/17/2023 4:43 PM
21	Fire Protection Association	7/17/2023 7:17 AM
22	LLM Student	7/16/2023 4:34 PM
23	Helicopter firefighting pilot	7/14/2023 1:52 PM
24	Fire Investigator	7/13/2023 6:39 PM
25	conservation biologist, ornithologist	7/13/2023 2:49 PM
26	Business owner	7/13/2023 2:41 PM
27	Training provider	7/13/2023 1:20 PM
28	Citizen Scientist, Horticulturist, Parks and Recreation management	7/13/2023 1:14 PM
29	Chief Fire Officer	7/13/2023 12:56 PM
30	Information Technology	7/13/2023 12:50 PM
31	Emergency Management Team Service Provider	7/13/2023 12:08 PM
32	Manager of a Fire Protection Association	7/13/2023 12:06 PM

Q9 How long have you been involved in the wildfire industry?

Answered: 105 Skipped: 3



ANSWER CHOICES	RESPONSES	
0 – 3 years	2.86%	3
3 – 6 years	5.71%	6
6 – 9 years	6.67%	7
9 – 12 years	7.62%	8
12 – 15 years	6.67%	7
15 – 18 years	11.43%	12
More than 18 years	59.05%	62
TOTAL		105

Q10 What are the three most unwanted effects of wildland fires in South Africa?

Answered: 107 Skipped: 1

ANSWER CHOICES	RESPONSES	
1.	100.00%	107
2.	100.00%	107
3.	96.26%	103

#	1.	DATE
1	Fynbos	7/31/2023 8:46 PM
2	Human and Animal Deaths	7/31/2023 7:59 PM
3	Loss of life	7/31/2023 9:10 AM
4	Damage to plantation	7/30/2023 10:05 PM
5	Destruction of fauna, flora, feedsources, erosion, etc	7/30/2023 2:46 PM
6	Threats to lives, and damage to livelihoods and properties	7/28/2023 3:21 PM
7	Negative impacts on biodiversity - too frequent fires	7/28/2023 12:59 PM
8	Loss of life	7/28/2023 11:23 AM
9	lost of property	7/28/2023 10:23 AM
10	Vegitation distruption	7/27/2023 5:29 PM
11	Life	7/27/2023 4:21 PM
12	Loss of life and livelyhoods	7/27/2023 1:03 PM
13	Property damage	7/27/2023 9:23 AM
14	Risk to housing	7/27/2023 8:59 AM
15	Air Polution	7/27/2023 7:46 AM
16	Destruction of commercial tree farms / plantations	7/26/2023 5:14 PM
17	bad timing - poor vegetation recovery	7/26/2023 3:11 PM
18	Loss of biodiversity	7/26/2023 3:05 PM
19	Loss of Biodiversity	7/26/2023 2:37 PM
20	Unwanted death of wildlife and their habitat	7/26/2023 1:15 PM

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21	Destruction of property	7/26/2023 12:36 PM
22	Loss of life	7/26/2023 11:32 AM
23	To frequent wild fires in the fynbos biome is harmful	7/26/2023 11:32 AM
24	Loss of lives	7/26/2023 10:56 AM
25	Loss of life	7/26/2023 10:52 AM
26	Invasive Alien Vegetation	7/26/2023 10:36 AM
27	Loss to economic assets	7/26/2023 10:34 AM
28	Loss of life	7/26/2023 10:17 AM
29	Altering of the natural fire regime	7/26/2023 9:46 AM
30	Loss of property and lively hoods	7/26/2023 9:29 AM
31	threats to life and property	7/26/2023 9:15 AM
32	Damage to property	7/26/2023 8:53 AM
33	Property damage	7/26/2023 8:39 AM
34	habitat destruction, not allowing indigenous plants time to develop enough to seed so alien vegetation moves in	7/26/2023 8:21 AM
35	Ecological Damage	7/26/2023 8:16 AM
36	Societal disruption, loss of lives, injuries, displacement.	7/26/2023 8:12 AM
37	Loss of life and livelihoods	7/26/2023 8:11 AM
38	loss of live	7/26/2023 7:46 AM
39	Too frequent fires will affect Biodiversity	7/26/2023 7:45 AM
40	Loss of life	7/26/2023 7:44 AM
41	loss of life	7/26/2023 7:39 AM
42	Ecological damage	7/26/2023 7:19 AM
43	building damage especially along the urban fringe	7/26/2023 7:01 AM
44	Too frequent therefore loss of habitat	7/26/2023 6:59 AM
45	Unhealthy ecology	7/26/2023 6:01 AM
46	Distruption of properties (houses)	7/25/2023 9:48 PM
47	Property damage	7/25/2023 8:37 PM
48	Loss of lives	7/25/2023 7:41 PM
49	social impact: loss of lives/social disruptuon	7/25/2023 7:19 PM
50	threats/damage to human infrastructure and settlements	7/25/2023 7:01 PM
51	Polution	7/25/2023 6:30 PM
52	Loss of Earnings	7/25/2023 6:16 PM
53	Damage to infrastructure	7/25/2023 6:12 PM
54	Costs incurred	7/25/2023 6:04 PM
55	Damage to infrastructure	7/25/2023 6:03 PM
56	Damage to large indigenous trees caused by very hot fires	7/25/2023 6:03 PM
57	Unnecessary damage to natural environment	7/25/2023 5:54 PM
58	Loss of biodiversity and indigenous species.	7/25/2023 5:23 PM
59	Biodiversity loss	7/25/2023 5:08 PM
60	Biodiversity loss	7/25/2023 4:23 PM
61	loss of grazing	7/25/2023 4:21 PM

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62	Loss of human life	7/25/2023 1:06 PM
63	rangelands burning before the right time (veld age)	7/24/2023 10:20 AM
64	remove vegetation which makes area prone to land invasion	7/21/2023 9:03 AM
65	Fatalities	7/19/2023 5:37 PM
66	Too frequent fires change the fire cycle of natural vegetation	7/19/2023 3:32 PM
67	Infrastructure damage	7/19/2023 2:18 PM
68	Habitat loss due to many frequent fires	7/19/2023 9:13 AM
69	Environmental deterioration	7/18/2023 12:38 PM
70	To frequent fires cause damaged the eco system	7/18/2023 10:50 AM
71	death of wild animals	7/17/2023 11:34 PM
72	loss of life	7/17/2023 5:38 PM
73	Loss of bio-diversity	7/17/2023 4:43 PM
74	DEGRADING OF NATURAL VELD/ GRAZING	7/17/2023 12:49 PM
75	Loss of wild animals	7/17/2023 10:31 AM
76	To frequent fire regimes in the fynbos ecosystem	7/17/2023 8:01 AM
77	Damage and loss	7/17/2023 7:17 AM
78	Killing animals	7/16/2023 4:34 PM
79	Lost of life	7/16/2023 10:57 AM
80	reduced biodiversity	7/15/2023 12:12 PM
81	loss of human life	7/14/2023 4:17 PM
82	too frequent and out of season fires affecting biodiversity negatively	7/14/2023 3:58 PM
83	Destruction of habitat (fires too regular)	7/14/2023 3:20 PM
84	Damage to indigenous flora and fauna	7/14/2023 1:52 PM
85	Loss of life and infrastructure	7/14/2023 12:45 PM
86	Compromise of fire regime in watersheds	7/14/2023 11:55 AM
87	Loss of Life	7/14/2023 10:24 AM
88	Loss of life	7/14/2023 10:06 AM
89	Loss of human lives	7/14/2023 9:09 AM
90	Devastation of grazing land for farming purposes	7/14/2023 8:39 AM
91	Loss of life	7/13/2023 10:05 PM
92	Erosion	7/13/2023 6:39 PM
93	destruction of livelyhood	7/13/2023 4:44 PM
94	Destruction of lives	7/13/2023 3:51 PM
95	habitat modification	7/13/2023 2:49 PM
96	Ecological damage	7/13/2023 2:41 PM
97	Potential property damage	7/13/2023 1:55 PM
98	Loss of life	7/13/2023 1:20 PM
99	Damage to trees	7/13/2023 1:14 PM
100	destruction of fynbos / indigenous vegetation	7/13/2023 1:08 PM
101	Damage to property	7/13/2023 12:56 PM
102	Destruction of pristine environments	7/13/2023 12:50 PM

South Africa Wildland Fire Survey

103	Destroying of infrastructure	7/13/2023 12:33 PM
104	Loss of species	7/13/2023 12:12 PM
105	Loss of live, stock and environment	7/13/2023 12:08 PM
106	Loss of lifes	7/13/2023 12:06 PM
107	loss of life	7/7/2023 4:37 PM
#	2.	DATE
1	Animals	7/31/2023 8:46 PM
2	Loss of eco system services	7/31/2023 7:59 PM
3	Loss of property	7/31/2023 9:10 AM
4	Damage to Biodiversity	7/30/2023 10:05 PM
5	Potential destruction of surrounding farms, crops, livestock, equipment, income, employment, etc.	7/30/2023 2:46 PM
6	Promoting the spread of invasive alien shrubs and trees	7/28/2023 3:21 PM
7	Alien plant infestation - exacerbation	7/28/2023 12:59 PM
8	Damage to economically productive assets	7/28/2023 11:23 AM
9	lost of lively hood	7/28/2023 10:23 AM
10	Property damage a	7/27/2023 5:29 PM
11	property destruction	7/27/2023 4:21 PM
12	Loss of biodiversity	7/27/2023 1:03 PM
13	Destruction of wildlife and vegetation	7/27/2023 9:23 AM
14	Removal of endemic species of wild life and plants	7/27/2023 8:59 AM
15	Financial Impact on the economy	7/27/2023 7:46 AM
16	Loss of life	7/26/2023 5:14 PM
17	negatively affected wetland areas - overgrazing, soil erosion	7/26/2023 3:11 PM
18	Financial losses	7/26/2023 3:05 PM
19	Increase on Climate Change impacts	7/26/2023 2:37 PM
20	Burning of vegetation outside of their burn cycle	7/26/2023 1:15 PM
21	Enhancement of Erosion	7/26/2023 12:36 PM
22	Loss of livelihoods & Investments	7/26/2023 11:32 AM
23	Wild fires are a threat to infrastructure, housing and lives humans and animals	7/26/2023 11:32 AM
24	Loss of infrastructure	7/26/2023 10:56 AM
25	Loss of income & Livelihoods	7/26/2023 10:52 AM
26	Destruction of property	7/26/2023 10:36 AM
27	Loss to environmental assets	7/26/2023 10:34 AM
28	Loss of biodiversity	7/26/2023 10:17 AM
29	Densification and spread of Invasive alien plants	7/26/2023 9:46 AM
30	Damage to property	7/26/2023 9:29 AM
31	threats to livelihoods, food security and job security	7/26/2023 9:15 AM
32	Air pollution	7/26/2023 8:53 AM
33	Injuries to people	7/26/2023 8:39 AM
34	crop destruction	7/26/2023 8:21 AM
35	Structure damage or loss	7/26/2023 8:16 AM

South Africa Wildland Fire Survey

36	Economic losses ie. damage to infrastructure	7/26/2023 8:12 AM
37	Loss of above and below ground carbon stocks.	7/26/2023 8:11 AM
38	loss of property/enviroment	7/26/2023 7:46 AM
39	Stimulating recruitment of invasive alien plant species	7/26/2023 7:45 AM
40	Loss of property	7/26/2023 7:44 AM
41	economic impact	7/26/2023 7:39 AM
42	Agriculture damage	7/26/2023 7:19 AM
43	reduction of vegetation cover	7/26/2023 7:01 AM
44	Too hot therefore loss of habitat	7/26/2023 6:59 AM
45	Water insecurity	7/26/2023 6:01 AM
46	Loss of income	7/25/2023 9:48 PM
47	Reduced soil fertility and destruction of vegetation	7/25/2023 8:37 PM
48	Ecological impact	7/25/2023 7:41 PM
49	environmental impact: loss of habitat/reduction of vegetation/erosion/pollution	7/25/2023 7:19 PM
50	can stimulate infestation of invasive alien plants.	7/25/2023 7:01 PM
51	Distruption of wildlife	7/25/2023 6:30 PM
52	Damage to property	7/25/2023 6:16 PM
53	Loss of grazing	7/25/2023 6:12 PM
54	Damage to infrastructure and property	7/25/2023 6:04 PM
55	Spreading of alien species	7/25/2023 6:03 PM
56	Threat to farmers: dwellings, crops and livestock.	7/25/2023 6:03 PM
57	Interference with natural environment	7/25/2023 5:54 PM
58	Aggressive fires that are difficult to manage.	7/25/2023 5:23 PM
59	Loss of infrastructure	7/25/2023 5:08 PM
60	devastation of tourist areas	7/25/2023 4:23 PM
61	loss of infrastructure	7/25/2023 4:21 PM
62	Loss of property	7/25/2023 1:06 PM
63	encourages woody invasive species to germinate	7/24/2023 10:20 AM
64	Too frequent fires in fynbos	7/21/2023 9:03 AM
65	damage to property and animal life	7/19/2023 5:37 PM
66	Increase in invasive alien vegetation clearing, maintenance and monitoring cost (germination of soil stored seed)	7/19/2023 3:32 PM
67	Threat to human life	7/19/2023 2:18 PM
68	loss of species	7/19/2023 9:13 AM
69	Economical loss	7/18/2023 12:38 PM
70	Unplanned high intensity fires can cuase damage to the enviroment	7/18/2023 10:50 AM
71	loss of indigeneous vegetation	7/17/2023 11:34 PM
72	loss of livelihoods and assets	7/17/2023 5:38 PM
73	Loss of habitat	7/17/2023 4:43 PM
74	KILLING OF ANIMALS DURING UNCON TROLLED FIRES	7/17/2023 12:49 PM
75	destruction of insects	7/17/2023 10:31 AM

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76	Desctruction of agricultural crops	7/17/2023 8:01 AM
77	loss of income	7/17/2023 7:17 AM
78	Destroying natural habitat	7/16/2023 4:34 PM
79	Damage/Loss of property	7/16/2023 10:57 AM
80	negative changes in vegetation community structure	7/15/2023 12:12 PM
81	loss of biodiversity	7/14/2023 4:17 PM
82	fire adapted invasive alien plant species resulting in too hot fires and stimulating recruitment	7/14/2023 3:58 PM
83	Loss of lives and property	7/14/2023 3:20 PM
84	Damage to farms	7/14/2023 1:52 PM
85	Loss of biodiversity	7/14/2023 12:45 PM
86	Poor interagency co operation	7/14/2023 11:55 AM
87	Severe environmental damage	7/14/2023 10:24 AM
88	Structural and Infrastructure Damage	7/14/2023 10:06 AM
89	Loss of animal lives	7/14/2023 9:09 AM
90	Destruction of property,eg houses	7/14/2023 8:39 AM
91	Loss of livelihoods	7/13/2023 10:05 PM
92	Ecological damage	7/13/2023 6:39 PM
93	destruction of the economy	7/13/2023 4:44 PM
94	Destruction of domestic and wildlife	7/13/2023 3:51 PM
95	herpetology deaths	7/13/2023 2:49 PM
96	Deforestation	7/13/2023 2:41 PM
97	Soil erosion	7/13/2023 1:55 PM
98	Loss of natural habitat	7/13/2023 1:20 PM
99	Loss of grazing	7/13/2023 1:14 PM
100	destruction of property	7/13/2023 1:08 PM
101	Environmental degradation	7/13/2023 12:56 PM
102	Damage to sensitive local species	7/13/2023 12:50 PM
103	Destroying of natural forest	7/13/2023 12:33 PM
104	Loss of life	7/13/2023 12:12 PM
105	Lack of community preparedness	7/13/2023 12:08 PM
106	Impacts on socio-economic well-being	7/13/2023 12:06 PM
107	destruction of property	7/7/2023 4:37 PM
#	3.	DATE
1	Economic impact	7/31/2023 7:59 PM
2	Loss of habitat	7/31/2023 9:10 AM
3	Financial loss and impact	7/30/2023 10:05 PM
4	Potential effects on localized tourism, related employment, the loss of ecosystem/s, natural wonders and precious locations.	7/30/2023 2:46 PM
5	Altering natural fire regimes	7/28/2023 3:21 PM
6	Litigation - cost to conservation	7/28/2023 12:59 PM
7	Ecological damage	7/28/2023 11:23 AM

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8	lost of income	7/28/2023 10:23 AM
9	Loss of human life	7/27/2023 5:29 PM
10	pollution	7/27/2023 4:21 PM
11	Loss of infrastructure	7/27/2023 1:03 PM
12	Water pollution and erosion	7/27/2023 9:23 AM
13	Increased erosion	7/27/2023 8:59 AM
14	Climate change	7/27/2023 7:46 AM
15	Biodiversity degradation	7/26/2023 5:14 PM
16	Damage to infrasturcure	7/26/2023 3:11 PM
17	Increase of financial input	7/26/2023 2:37 PM
18	Loss of Property crops and loss and injury to responders	7/26/2023 1:15 PM
19	contamination of ground water and silting of dams	7/26/2023 12:36 PM
20	Negative impacts on the environment	7/26/2023 11:32 AM
21	Loss of Habitat and ecological diversity	7/26/2023 10:56 AM
22	Environmental changes	7/26/2023 10:52 AM
23	Soil Erosion	7/26/2023 10:36 AM
24	Loss to social assets	7/26/2023 10:34 AM
25	Loss of critical infrastructure	7/26/2023 10:17 AM
26	Threat to infrastructure and resultant high suppression costs	7/26/2023 9:46 AM
27	Damage to eco systems	7/26/2023 9:29 AM
28	threats to ecosystems as a result of increased fire frequency	7/26/2023 9:15 AM
29	Erosion and habitat loss	7/26/2023 8:53 AM
30	Negative impact on the natural environment	7/26/2023 8:39 AM
31	infrastructure damage	7/26/2023 8:21 AM
32	Life threatening	7/26/2023 8:16 AM
33	Creation of secondary hazards that may potentially lead to disasters ie. flooding, erosion, mudslides etc	7/26/2023 8:12 AM
34	Reduction in biodiversity	7/26/2023 8:11 AM
35	loss of livelihood	7/26/2023 7:46 AM
36	Loss of life and infrastructure	7/26/2023 7:45 AM
37	Negative ecological impacts if too frequent, wrong season, or dense alien vegetation. Fire prevention and fighting techniques can cause	7/26/2023 7:44 AM
38	environmental impact	7/26/2023 7:39 AM
39	Property damage	7/26/2023 7:19 AM
40	air polution	7/26/2023 7:01 AM
41	uncontrolled	7/26/2023 6:59 AM
42	Property/livelihood destruction	7/26/2023 6:01 AM
43	Loss of biodiversity	7/25/2023 9:48 PM
44	Air and water pollution and destruction of wildlife	7/25/2023 8:37 PM
45	Loss of property	7/25/2023 7:41 PM
46	economic impact: damage to infrastructure, farming	7/25/2023 7:19 PM
47	long term damage to sensitive landscapes and loss of species	7/25/2023 7:01 PM

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48	Erosion	7/25/2023 6:30 PM
49	Huge unwarranted costs of Fire Fighting	7/25/2023 6:16 PM
50	Loss of species due to short fire regimes	7/25/2023 6:12 PM
51	Damage to soil	7/25/2023 6:03 PM
52	Danger of litigation from neighbours	7/25/2023 6:03 PM
53	Waste of resources combating unnecessary wildfires	7/25/2023 5:54 PM
54	Increasing threat to the wildland urban interface.	7/25/2023 5:23 PM
55	Loss of life	7/25/2023 5:08 PM
56	destruction of local economies e.g. bee keeping	7/25/2023 4:23 PM
57	loss of stock	7/25/2023 4:21 PM
58	Loss of biodiversity	7/25/2023 1:06 PM
59	property and farm damages for uncontrolled fires	7/24/2023 10:20 AM
60	Risk to private property (damage to infrastructure) and lives (people & animals)	7/21/2023 9:03 AM
61	damage to natural environment and grazing land	7/19/2023 5:37 PM
62	Pressure on resources (overtime cost of staff called out to wildfires)	7/19/2023 3:32 PM
63	Threat to fauna (too large a fire can reduce genetic heterogeneity)	7/19/2023 2:18 PM
64	emergence of invasive plant species post fire	7/19/2023 9:13 AM
65	Negative social impacts	7/18/2023 12:38 PM
66	Wildfires can cause damage to property and loss of life	7/18/2023 10:50 AM
67	loss of biodiversity	7/17/2023 11:34 PM
68	deepening poverty for vulnerable / subsistence level communities	7/17/2023 5:38 PM
69	loss of water capture ability	7/17/2023 4:43 PM
70	LOST OF LIFE AND BUILDINGS	7/17/2023 12:49 PM
71	erosion of hiking trails	7/17/2023 10:31 AM
72	Loss of property and life	7/17/2023 8:01 AM
73	job security	7/17/2023 7:17 AM
74	Air pollution	7/16/2023 4:34 PM
75	Environmental loss	7/16/2023 10:57 AM
76	reduced ecological carrying capacity	7/15/2023 12:12 PM
77	damage to buildings and infrastructure	7/14/2023 4:17 PM
78	too large fires become uncontrollable and lead to destruction of livelihoods	7/14/2023 3:58 PM
79	Extended wildfires	7/14/2023 3:20 PM
80	Loss of life and livelihoods	7/14/2023 1:52 PM
81	Soil erosion	7/14/2023 12:45 PM
82	Lack of implementation of integrated fire management principles	7/14/2023 11:55 AM
83	Loss of residential, which includes formal and informal properties	7/14/2023 10:24 AM
84	Wildlife displacement	7/14/2023 10:06 AM
85	Loss of vegetation	7/14/2023 9:09 AM
86	These fires often run out of control	7/14/2023 8:39 AM
87	Loss of food security	7/13/2023 10:05 PM
88	Financial loss	7/13/2023 6:39 PM

South Africa Wildland Fire Survey

89	destruction of commerce	7/13/2023 4:44 PM
90	Destruction of property, including crops	7/13/2023 3:51 PM
91	disrupted bird breeding	7/13/2023 2:49 PM
92	Urban interface threat	7/13/2023 2:41 PM
93	Biodiversity loss (sometimes)/alien vegetation	7/13/2023 1:55 PM
94	Damage to environment plantations etc	7/13/2023 1:20 PM
95	Danger to buildings	7/13/2023 1:14 PM
96	loss of life	7/13/2023 1:08 PM
97	Economic losses	7/13/2023 12:56 PM
98	Damage to ecologically sensitive areas	7/13/2023 12:50 PM
99	Destroying of plantations for wood and paper production	7/13/2023 12:33 PM
100	Loss to the economy	7/13/2023 12:12 PM
101	Lack of proper incident management over extended incidents	7/13/2023 12:08 PM
102	Impacts on biodiversity values and services	7/13/2023 12:06 PM
103	loss of commercial timber	7/7/2023 4:37 PM

Q11 What are the three most desirable effects of wildland fire or prescribed fire in South Africa?

Answered: 105 Skipped: 3

ANSWER CHOICES		RESPONSES
1.		100.00% 105
2.		98.10% 103
3.		92.38% 97

#	1.	DATE
1	Firebreaks	7/31/2023 8:46 PM
2	Habitat regeneration	7/31/2023 7:59 PM
3	Indigenous plant propagation	7/31/2023 9:10 AM
4	Fuel load management	7/30/2023 10:05 PM
5	Alien vegetation being eradicated.	7/30/2023 2:46 PM
6	Maintaining natural (desirable) fire regimes	7/28/2023 3:21 PM
7	Biodiversity - in fire driven ecosystems (fynbos)	7/28/2023 12:59 PM
8	Improvement of biodiversity	7/28/2023 11:23 AM
9	Veld management	7/28/2023 10:23 AM
10	Fire breakes	7/27/2023 5:29 PM
11	regeneration of fynbos	7/27/2023 4:21 PM
12	Regeneration of biodiversity in fire driver systems	7/27/2023 1:03 PM
13	Prevent destructive wildfire	7/27/2023 9:23 AM
14	Causing regrown of old areas	7/27/2023 8:59 AM
15	Wildfires enrich the soil	7/27/2023 7:46 AM

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16	Fuel load / Risk reduction	7/26/2023 5:14 PM
17	removal of senescent biomass - reduction of fuel load	7/26/2023 3:11 PM
18	Increase in biodiversity	7/26/2023 3:05 PM
19	Management of veld age for biodiversity protection	7/26/2023 2:37 PM
20	Assist in developing a healthy ecosystem	7/26/2023 1:15 PM
21	rejuvenation of indigenous vegetation	7/26/2023 12:36 PM
22	Promoting biodiversity integrity	7/26/2023 11:32 AM
23	Helps to maintain biodiversity	7/26/2023 11:32 AM
24	Fuel load management	7/26/2023 10:56 AM
25	Fuel & Risk Reduction	7/26/2023 10:52 AM
26	Regermination of indigenous vegetation	7/26/2023 10:36 AM
27	Burning for ecological biodiversity	7/26/2023 10:34 AM
28	Part of fire regime, fynbos need fire	7/26/2023 10:17 AM
29	Restore natural mosaic of veld age	7/26/2023 9:46 AM
30	To promote eco systems	7/26/2023 9:29 AM
31	improved natural vegetation bio-diversity if applied properly	7/26/2023 9:15 AM
32	Seed stimulation and germination	7/26/2023 8:53 AM
33	Seed germination	7/26/2023 8:39 AM
34	fynbos is a fire dependant ecology for regeneration	7/26/2023 8:21 AM
35	Fuel Reduction / Risk reduction	7/26/2023 8:16 AM
36	Ecological system and biodiversity stimulation and management.	7/26/2023 8:12 AM
37	Prescribed burning for wildfire protection	7/26/2023 8:11 AM
38	Improved biodivercity	7/26/2023 7:46 AM
39	Optimal Fire regime for specific fire driven vegetation types	7/26/2023 7:45 AM
40	Ecological processes (critical driving force in may ecosystems)	7/26/2023 7:44 AM
41	protection of property	7/26/2023 7:39 AM
42	Water security	7/26/2023 7:19 AM
43	helps fynbos to reproduce	7/26/2023 7:01 AM
44	Trigger seed growth	7/26/2023 6:59 AM
45	Catastrophic wildfire damage mitigation	7/26/2023 6:01 AM
46	Mosaic - Different veld age	7/25/2023 9:48 PM
47	Many plants in our region are adapted to survive in environments with fire and some even depend on fire to help them grow and disperse.	7/25/2023 8:37 PM
48	Ecological processes enablement	7/25/2023 7:41 PM
49	in fynbos for example, fires lead to plants releasing seeds and germinating	7/25/2023 7:19 PM
50	can protect human settlements and infrastructure.	7/25/2023 7:01 PM
51	Promote re-growth of fine-bos	7/25/2023 6:30 PM
52	Fuel load reduction	7/25/2023 6:16 PM
53	Regeneration of vegetation	7/25/2023 6:12 PM
54	Ecosystem restoration	7/25/2023 6:04 PM
55	Rejuvenation of fire-dependent vegetation	7/25/2023 6:03 PM
56	Mimic natural burn cycles which regulate vegetation types.	7/25/2023 6:03 PM

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57	Restoration of natural habitat	7/25/2023 5:54 PM
58	Increase in biodiversity.	7/25/2023 5:23 PM
59	Healthy fynbos	7/25/2023 5:08 PM
60	reduction of fuel load	7/25/2023 4:23 PM
61	new grazing	7/25/2023 4:21 PM
62	Vegetation growth stimulation in fire driven ecosystems	7/25/2023 1:06 PM
63	area is burned under "safe" conditions less damage	7/24/2023 10:20 AM
64	Conservation of Biodiversity	7/21/2023 9:03 AM
65	Remove Moribund Vegetation	7/19/2023 5:37 PM
66	Mimic natural fire frequencies of natural vegetation	7/19/2023 3:32 PM
67	Appropriate fuel loads (appropriate fire cycles decrease fire intensity)	7/19/2023 2:18 PM
68	Habitat restoration	7/19/2023 9:13 AM
69	Hazard reduction	7/18/2023 12:38 PM
70	Restoration of eco systems	7/18/2023 10:50 AM
71	renewal of biodiversity	7/17/2023 11:34 PM
72	risk and hazard reduction	7/17/2023 5:38 PM
73	regeneration of natural vegetation	7/17/2023 4:43 PM
74	GETTING RID OF REDUNDANT OLD GRASS	7/17/2023 12:49 PM
75	regeneration o the fynbos	7/17/2023 10:31 AM
76	Burning fynbos within the natural wildfire regime, every 10-15 years.	7/17/2023 8:01 AM
77	fuel load reduction	7/17/2023 7:17 AM
78	To control overgrowth	7/16/2023 4:34 PM
79	Manage Fuel load	7/16/2023 10:57 AM
80	mosaic of vegetation communities / age classes = biodiversity	7/15/2023 12:12 PM
81	improved veld such as fynbos	7/14/2023 4:17 PM
82	fynbos species are dependent on periodic fires for regeneration and recruitment	7/14/2023 3:58 PM
83	Fire is contained	7/14/2023 3:20 PM
84	Rejuvenation of eco-systems	7/14/2023 12:45 PM
85	Fire regimes are in line with thresholds of potential concern	7/14/2023 11:55 AM
86	Fuel load reduction	7/14/2023 10:24 AM
87	Increase in Biodiversity	7/14/2023 10:06 AM
88	Renewal of habitat	7/14/2023 9:09 AM
89	Destruction of invasive alien species	7/14/2023 8:39 AM
90	Fire prevention	7/13/2023 10:05 PM
91	Ecological benefit	7/13/2023 6:39 PM
92	vegetation rotation	7/13/2023 4:44 PM
93	Reduction of fuel loads both indigenous and agricultural	7/13/2023 3:51 PM
94	removal of moribund vegetation	7/13/2023 2:49 PM
95	Plant regeneration - specis requirement	7/13/2023 2:41 PM
96	Biodiversity/ecosystem renewal	7/13/2023 1:55 PM
97	Get rid of moribund grass	7/13/2023 1:14 PM

South Africa Wildland Fire Survey

98	conservation and preservation of fynbos	7/13/2023 1:08 PM
99	Healthy environment	7/13/2023 12:56 PM
100	Clearing space for re-growth	7/13/2023 12:50 PM
101	Old fuels are burning naturally to prevent disaster fires if fuels accumulate.	7/13/2023 12:33 PM
102	Maintenance of biodiversity	7/13/2023 12:12 PM
103	Sustainability of environment	7/13/2023 12:08 PM
104	Create fire safe areas	7/13/2023 12:06 PM
105	nutrient cycling	7/7/2023 4:37 PM
#	2.	DATE
1	Fuel reduction / control	7/31/2023 7:59 PM
2	Reduced fuel loads	7/31/2023 9:10 AM
3	Biodiversity management	7/30/2023 10:05 PM
4	Regeneration of original natural flora	7/30/2023 2:46 PM
5	Managing grazing lands	7/28/2023 3:21 PM
6	Fuel load reduction - risk management	7/28/2023 12:59 PM
7	Saving water	7/28/2023 11:23 AM
8	environment consistence	7/28/2023 10:23 AM
9	Grazing betterment	7/27/2023 5:29 PM
10	destruction/clearing of alien vegetation	7/27/2023 4:21 PM
11	Invasive alien plant control	7/27/2023 1:03 PM
12	Destroy invasive plants	7/27/2023 9:23 AM
13	Causing indigenous plants to actively regrow	7/27/2023 8:59 AM
14	Help plant species to reproduce and grow	7/27/2023 7:46 AM
15	Healthy ecosystems	7/26/2023 5:14 PM
16	reduction in tree density (in grasslands)	7/26/2023 3:11 PM
17	Reduction in fuel loads	7/26/2023 3:05 PM
18	Decrease of severity and amount of uncontrolled fires	7/26/2023 2:37 PM
19	Reduces unwanted build up of fire loads	7/26/2023 1:15 PM
20	Creation of safe zone	7/26/2023 12:36 PM
21	Risk/fuel reduction	7/26/2023 11:32 AM
22	reduction of fuel loads	7/26/2023 11:32 AM
23	Habitat protection and ecological bio-diversity	7/26/2023 10:56 AM
24	Environmental \ Veld Management	7/26/2023 10:52 AM
25	Fuel load reduction	7/26/2023 10:36 AM
26	Fuel load reduction	7/26/2023 10:34 AM
27	Fuel load risk reduction	7/26/2023 10:17 AM
28	If applied correctly a cost effective management tool (IAPs)	7/26/2023 9:46 AM
29	Growth of new vegetation	7/26/2023 9:29 AM
30	fuel load management	7/26/2023 9:15 AM
31	Fuel load reduction especially moribund vegetation	7/26/2023 8:53 AM
32	Re-generation of fynbos	7/26/2023 8:39 AM

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33	fuel reduction	7/26/2023 8:21 AM
34	Revival of fire dependant landscapes	7/26/2023 8:16 AM
35	Risk reduction	7/26/2023 8:12 AM
36	To reduce moribund vegetation	7/26/2023 8:11 AM
37	landscape management/fire management	7/26/2023 7:46 AM
38	Maximum biodiversity of flora to support indigenous fauna	7/26/2023 7:45 AM
39	Management of alien vegetation and critical component ecological restoration.	7/26/2023 7:44 AM
40	ecosystem management	7/26/2023 7:39 AM
41	Improved indigenous regrowth	7/26/2023 7:19 AM
42	clear forest floor	7/26/2023 7:01 AM
43	New growth for resprouters	7/26/2023 6:59 AM
44	Ecologically beneficial fire behaviour	7/26/2023 6:01 AM
45	Protect properties (young veld)	7/25/2023 9:48 PM
46	Fuel Reduction (modification) to control veld age	7/25/2023 8:37 PM
47	Community building	7/25/2023 7:41 PM
48	ash is a source for potassium, phosphorous and magnesium, which can be a source of fertilizer promoting (renewing) growth	7/25/2023 7:19 PM
49	can be used as a toll to manage invasive alien vegetation.	7/25/2023 7:01 PM
50	Clear old vegetation	7/25/2023 6:30 PM
51	Grazing for farm animals	7/25/2023 6:16 PM
52	Improved quality of grazing for selected species	7/25/2023 6:12 PM
53	Uncontrolled fire risk reduced	7/25/2023 6:04 PM
54	Improve rangeland for grazing	7/25/2023 6:03 PM
55	Prevent encroachment of problem species eg Dychrostachys	7/25/2023 6:03 PM
56	Controlled land management	7/25/2023 5:54 PM
57	Reducing areas of high or invasive alien fuel loading.	7/25/2023 5:23 PM
58	Seed germination	7/25/2023 5:08 PM
59	re-establishment of vegetation/seeding	7/25/2023 4:23 PM
60	meet people	7/25/2023 4:21 PM
61	Control of moribund material to stimulate new growth for game and livestock feeds.	7/25/2023 1:06 PM
62	can be used as fuel reduction or ecological reasons (burning old veld)	7/24/2023 10:20 AM
63	Wildland fire fighting training in controlled environment	7/21/2023 9:03 AM
64	Promote New Growth	7/19/2023 5:37 PM
65	Create a mosaic landscape (new, interim, old veld)	7/19/2023 3:32 PM
66	Plant germination and resprouting, triggering successional ecology	7/19/2023 2:18 PM
67	fire prone species stimulation	7/19/2023 9:13 AM
68	Biodiversity maintenance	7/18/2023 12:38 PM
69	Remove excessive fuels thus removing the threat to property	7/18/2023 10:50 AM
70	Removal of alien vegetation	7/17/2023 11:34 PM
71	beneficial ecosystem management	7/17/2023 5:38 PM
72	control of alien vegetation	7/17/2023 4:43 PM
73	GETTING RID OF EXOTIC INVADER TREES AND PLANTS	7/17/2023 12:49 PM

South Africa Wildland Fire Survey

74	the return of indigenous animals and insects	7/17/2023 10:31 AM
75	Biomass and fuel load reduction = risk management and risk reduction	7/17/2023 8:01 AM
76	defensive space	7/17/2023 7:17 AM
77	Preventing uncontrolled fires from spreading	7/16/2023 4:34 PM
78	Enhance Biodiversity- Fynbos	7/16/2023 10:57 AM
79	effective fire management (fuel load management)	7/15/2023 12:12 PM
80	reduction of fuel load	7/14/2023 4:17 PM
81	plant species richness is maintained through ecologically sound fire regimes	7/14/2023 3:58 PM
82	Fire intervals are maintained	7/14/2023 3:20 PM
83	Alien invasive plant management/control	7/14/2023 12:45 PM
84	Protection of life and property	7/14/2023 11:55 AM
85	eradication of alien vegetation	7/14/2023 10:24 AM
86	Vegetation rejuvenation	7/14/2023 10:06 AM
87	Younger growth is giving the opportunity to flourish	7/14/2023 8:39 AM
88	Regeneration of the veld	7/13/2023 10:05 PM
89	Fuel reduction	7/13/2023 6:39 PM
90	Fuel load reduction	7/13/2023 4:44 PM
91	Reduction of threats at the rural-urban interface	7/13/2023 3:51 PM
92	reduction of fuel load	7/13/2023 2:49 PM
93	Soil regeneration	7/13/2023 2:41 PM
94	Fuel reduction (when needed)	7/13/2023 1:55 PM
95	reduce fire load	7/13/2023 1:14 PM
96	reduction of risk to property	7/13/2023 1:08 PM
97	Conservation of endangered species	7/13/2023 12:56 PM
98	Activating the seeding process for certain plants	7/13/2023 12:50 PM
99	Fynbos needs natural fires to grow.	7/13/2023 12:33 PM
100	Reduction in wildfire risk	7/13/2023 12:12 PM
101	Community involvement and preparedness	7/13/2023 12:08 PM
102	Improve water yield	7/13/2023 12:06 PM
103	positive effects on fire dependent species	7/7/2023 4:37 PM
#	3.	DATE
1	Eco system preservation	7/31/2023 7:59 PM
2	Potential future safety of surrounding vegetation, forests, etc, and communities.	7/30/2023 2:46 PM
3	Managing vegetation to prevent extreme fuel loads	7/28/2023 3:21 PM
4	Awareness, skills development and training	7/28/2023 12:59 PM
5	Improvement of quality of grazing	7/28/2023 11:23 AM
6	ecological stability	7/28/2023 10:23 AM
7	Vegetation thinning/control	7/27/2023 5:29 PM
8	fire prevention through fuel reduction	7/27/2023 4:21 PM
9	Job creation	7/27/2023 1:03 PM
10	Reduce insect populations	7/27/2023 9:23 AM

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11	Removing alien vegetation	7/27/2023 8:59 AM
12	shape ecosystems	7/27/2023 7:46 AM
13	Fighting bush encroachment	7/26/2023 5:14 PM
14	improved forage for game and livestock	7/26/2023 3:11 PM
15	Decrease in fire risk	7/26/2023 3:05 PM
16	Planned urban-conservation-agriculture interface management.	7/26/2023 2:37 PM
17	Aids in the management of ecologically sensitive areas	7/26/2023 1:15 PM
18	Reduction of fuel load and risks	7/26/2023 12:36 PM
19	Air Quality management	7/26/2023 11:32 AM
20	improves grazing	7/26/2023 11:32 AM
21	Alien vegetation control	7/26/2023 10:56 AM
22	Safety aspects to limit & stop unwanted wildland fires	7/26/2023 10:52 AM
23	Increase of water in catchments	7/26/2023 10:36 AM
24	Management tool for farmers and foresters	7/26/2023 10:34 AM
25	Reduce risk to people	7/26/2023 10:17 AM
26	Fuel load management to reduce environmental and infrastructure risk	7/26/2023 9:46 AM
27	Rehabilitation of natural vegetation	7/26/2023 9:29 AM
28	risk reduction. this is only part of fire triangle controllable	7/26/2023 9:15 AM
29	Improves habitat	7/26/2023 8:53 AM
30	Decrease of wildfire risk by doing prescribed burns.	7/26/2023 8:39 AM
31	job creation	7/26/2023 8:21 AM
32	Increase soil fertility	7/26/2023 8:16 AM
33	Control of Invasive Alien Vegetation	7/26/2023 8:12 AM
34	Useful tool to manage invasive plants and improve soil fertility.	7/26/2023 8:11 AM
35	Agricultural benefits	7/26/2023 7:46 AM
36	Mosaic burning to prevent large uncontrolled fires	7/26/2023 7:45 AM
37	Important for some farming practices.	7/26/2023 7:44 AM
38	awareness	7/26/2023 7:39 AM
39	Fewer wild fires	7/26/2023 7:19 AM
40	converts surface litter into nutrients for plants to grow	7/26/2023 7:01 AM
41	Preserving rare species	7/26/2023 6:59 AM
42	Air quality improvements	7/26/2023 6:01 AM
43	Improve Biodiversity	7/25/2023 9:48 PM
44	Agricultural production	7/25/2023 8:37 PM
45	prescribed fires can also manage habitats reducing future runaway wildfires	7/25/2023 7:19 PM
46	can stimulate certain fire evolved species	7/25/2023 7:01 PM
47	Clear land for agriculture	7/25/2023 6:30 PM
48	Buffer zones	7/25/2023 6:16 PM
49	Clearing of initial infestation of IAS	7/25/2023 6:12 PM
50	Reverse bush encroachment	7/25/2023 6:03 PM
51	Stimulation of growth after fire.	7/25/2023 6:03 PM

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52	Education of public and services of positive effects of controlled fires	7/25/2023 5:54 PM
53	Increasing the knowledge of working with good fire, which was dying out.	7/25/2023 5:23 PM
54	Variable veld age	7/25/2023 5:08 PM
55	removal, in part, of alien over growth	7/25/2023 4:23 PM
56	better planning	7/25/2023 4:21 PM
57	Limitation of fire risk to infrastructure through fuel reduction burns.	7/25/2023 1:06 PM
58	normally these burns are done with woody invasive clearing efforts	7/24/2023 10:20 AM
59	Dry biomass removal under controlled environment (risk of runaway fires)	7/21/2023 9:03 AM
60	Reduce Fire risk through fuel load reduction	7/19/2023 5:37 PM
61	Fuel / biomass reduction	7/19/2023 3:32 PM
62	Landscape and habitat heterogeneity (disturbance creates a mosaic of different veld ages, supporting different species, increasing diversity)	7/19/2023 2:18 PM
63	fuel reduction to mitigate risk	7/19/2023 9:13 AM
64	Water yield regulation	7/18/2023 12:38 PM
65	controlling BUSH ENCROACHEMENT saving our remaining grasslands	7/18/2023 10:50 AM
66	Clearing of watercourses	7/17/2023 11:34 PM
67	land use management	7/17/2023 5:38 PM
68	reduction of fuel load	7/17/2023 4:43 PM
69	CHANGE THE SPECIE DIVERSITY OF POTABLE GRASS AND PLANTS FOR ANIMALS	7/17/2023 12:49 PM
70	removal of alien vegetation which is not suited to wildfire regeneration	7/17/2023 10:31 AM
71	Preparation of veld and soils for agriculture	7/17/2023 8:01 AM
72	control of invasive plants	7/17/2023 7:17 AM
73	Save animal life	7/16/2023 4:34 PM
74	invasive plant control	7/15/2023 12:12 PM
75	safety of buildings and infrastructure	7/14/2023 4:17 PM
76	controlled and planned fires can play an important role to manage invasive alien plants	7/14/2023 3:58 PM
77	Heat of the fire is controlled	7/14/2023 3:20 PM
78	Bush encroachment management	7/14/2023 12:45 PM
79	Effects on watersheds	7/14/2023 11:55 AM
80	creating safe spaces of defensible spaces	7/14/2023 10:24 AM
81	Community safety	7/14/2023 10:06 AM
82	It can prevent prevent runaway fires by doing proper block burning	7/14/2023 8:39 AM
83	Killing of ticks and invasive species	7/13/2023 10:05 PM
84	Water conservation	7/13/2023 6:39 PM
85	Creation of fire resistant landscapes	7/13/2023 4:44 PM
86	Removal of moribund fuels impacting on grasslands	7/13/2023 3:51 PM
87	creating habitat mosaic	7/13/2023 2:49 PM
88	invasive plant eradication	7/13/2023 2:41 PM
89	Graze/browse provision	7/13/2023 1:55 PM
90	rejuvinate grasslands	7/13/2023 1:14 PM
91	improved air quality	7/13/2023 1:08 PM
92	Economic benefits - tourism	7/13/2023 12:56 PM

93	destruction of alien vegetation	7/13/2023 12:50 PM
94	Removal of invasive alien plant species	7/13/2023 12:12 PM
95	Proper INTEGRATED Incident Management on ALL fires as well as prescribed fires	7/13/2023 12:08 PM
96	Improve biodiversity values and services	7/13/2023 12:06 PM
97	reduction of fuel loading	7/7/2023 4:37 PM

Q12 What are three aspects of wildland fire management that are most successful in South Africa?

Answered: 100 Skipped: 8

ANSWER CHOICES	RESPONSES	
1.	100.00%	100
2.	95.00%	95
3.	83.00%	83

#	1.	DATE
1	Community based fire management	7/31/2023 7:59 PM
2	Community communication groups	7/31/2023 9:10 AM
3	Protection of endangered flora and fauna	7/30/2023 2:46 PM
4	Early detection	7/28/2023 3:21 PM
5	Application of ICS	7/28/2023 12:59 PM
6	Co-operation between landowners in some instances	7/28/2023 11:23 AM
7	fuel reduction	7/28/2023 10:23 AM
8	Fire breaks	7/27/2023 5:29 PM
9	Prescribed burning	7/27/2023 4:21 PM
10	Knowledge of fire and education	7/27/2023 1:03 PM
11	Fire prevention	7/27/2023 9:23 AM
12	Education	7/27/2023 8:59 AM
13	Maintaining biodiversity	7/27/2023 7:46 AM
14	Becoming more organized in our response to fires (ICS)	7/26/2023 5:14 PM
15	well-understood and planned fire regimes	7/26/2023 3:11 PM
16	First strike units effective while fire is still small	7/26/2023 3:05 PM
17	Legislation	7/26/2023 2:37 PM
18	Reducing the severity and spread of wildfires	7/26/2023 1:15 PM
19	prevention of major disasters through management of multiple resources.	7/26/2023 12:36 PM
20	Experience of private industry	7/26/2023 11:32 AM
21	Biodiversity maintained	7/26/2023 10:56 AM
22	Fuel & Risk Reduction	7/26/2023 10:52 AM
23	Community awareness and precaution	7/26/2023 10:36 AM
24	FPA's	7/26/2023 10:34 AM
25	Fire Protection Agencies	7/26/2023 10:17 AM

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26	Fuel load management	7/26/2023 9:46 AM
27	Monitoring growth of vegetation	7/26/2023 9:29 AM
28	the concept of Fire Protection Associations (FPA's)	7/26/2023 9:15 AM
29	Fuel management	7/26/2023 8:53 AM
30	Prescribed burning	7/26/2023 8:39 AM
31	job creation (WOF)	7/26/2023 8:21 AM
32	Incident Command Structure (when implemented correctly)	7/26/2023 8:16 AM
33	Response, although overemphasized	7/26/2023 8:12 AM
34	ICS	7/26/2023 8:11 AM
35	Functional Fire Services/ Fire Protection Associations (WC)	7/26/2023 7:46 AM
36	Prescribed ecological burning of veld according to fire regime	7/26/2023 7:45 AM
37	Very good response teams - lots of expertise	7/26/2023 7:44 AM
38	integrated fire management plans	7/26/2023 7:39 AM
39	Prescribed burning	7/26/2023 7:19 AM
40	quick response to wildland fires	7/26/2023 7:01 AM
41	Firebreaks	7/26/2023 6:59 AM
42	Effective suppression	7/26/2023 6:01 AM
43	Creation of fire breaks	7/25/2023 9:48 PM
44	Competent and Confident Leadership	7/25/2023 8:37 PM
45	Legislation	7/25/2023 7:41 PM
46	Prevention: fire breaks, safety measures at the rural/urban interface, controlled burns, FPA's	7/25/2023 7:19 PM
47	Where Fire Protection Associations are active they contribute to effective management.	7/25/2023 7:01 PM
48	Setup of private fire fighting entities	7/25/2023 6:30 PM
49	Fire Protection Associations	7/25/2023 6:16 PM
50	Coordinated and cooperative fire management and response	7/25/2023 6:12 PM
51	ICS system	7/25/2023 6:04 PM
52	Good science and understanding of the role of fire	7/25/2023 6:03 PM
53	Very little integrated management unfortunately.	7/25/2023 6:03 PM
54	Fire suppression	7/25/2023 5:54 PM
55	Increased focus on pre-planning or preventative measures. (Still a long way to go though)	7/25/2023 5:23 PM
56	Suppression	7/25/2023 5:08 PM
57	NA	7/25/2023 4:23 PM
58	planning	7/25/2023 4:21 PM
59	Fire awareness campaigns and trainings	7/25/2023 1:06 PM
60	land owner engagement (fire proofing land and properties)	7/24/2023 10:20 AM
61	Conservation of Biodiversity	7/21/2023 9:03 AM
62	Prescribed Burns	7/19/2023 5:37 PM
63	Conducting fuel reduction / brush pile / prescribed burns	7/19/2023 3:32 PM
64	Incident command	7/19/2023 2:18 PM
65	Wildfire response in the Western Cape	7/19/2023 9:13 AM
66	Coordination by Some Fire protection associations	7/18/2023 12:38 PM

South Africa Wildland Fire Survey

67	Reclaiming our water catchment areas	7/18/2023 10:50 AM
68	n/a	7/17/2023 11:34 PM
69	suppression - sometimes unfortunately!	7/17/2023 5:38 PM
70	THE VOLUNTRY COOPERATION OF PRIVATE LANDOWNERS TO FIGHT VELD FIRES TOGETHER	7/17/2023 12:49 PM
71	creates employment	7/17/2023 10:31 AM
72	Inter agency collaboration. Resource, knowledge and expertise sharing between different organisations	7/17/2023 8:01 AM
73	FPA structures	7/17/2023 7:17 AM
74	Prevention	7/16/2023 10:57 AM
75	Prescribed burns applied logically, strategically and advised by science	7/15/2023 12:12 PM
76	Excellent research	7/14/2023 4:17 PM
77	different entities involved in fire management now need to cooperate during fires	7/14/2023 3:58 PM
78	Good legislation	7/14/2023 3:20 PM
79	Alien invasive vegetation management	7/14/2023 12:45 PM
80	none	7/14/2023 11:55 AM
81	team work	7/14/2023 10:24 AM
82	Cooperation	7/14/2023 10:06 AM
83	Cooperation between landowners, FPA's and the fire brigades	7/14/2023 9:09 AM
84	The application of block burning	7/14/2023 8:39 AM
85	Fire breaks	7/13/2023 10:05 PM
86	Prescribed burning	7/13/2023 6:39 PM
87	FPAs	7/13/2023 4:44 PM
88	Understanding of the benefits of prescribed burning	7/13/2023 3:51 PM
89	understanding the role of fire in various habitat types	7/13/2023 2:49 PM
90	Prescribed burns	7/13/2023 2:41 PM
91	Alien vegetation reduction/removal	7/13/2023 1:55 PM
92	Professional Working on fire teams	7/13/2023 1:14 PM
93	preservation of indigenous vegetation	7/13/2023 1:08 PM
94	Landowner involvement	7/13/2023 12:56 PM
95	Training of firefighters	7/13/2023 12:50 PM
96	Placing of resources like helicopters and bombers in areas where fires can occur	7/13/2023 12:33 PM
97	Initial Attack	7/13/2023 12:12 PM
98	Assessment of areas	7/13/2023 12:08 PM
99	Relative good working relationships	7/13/2023 12:06 PM
100	fire protection associations	7/7/2023 4:37 PM
#	2.	DATE
1	Legislation	7/31/2023 7:59 PM
2	Shared resources	7/31/2023 9:10 AM
3	Preservation of existing natural wonders.	7/30/2023 2:46 PM
4	Fire danger forecasting	7/28/2023 3:21 PM
5	Technological advances	7/28/2023 12:59 PM

South Africa Wildland Fire Survey

6	Legislative environment	7/28/2023 11:23 AM
7	veld management	7/28/2023 10:23 AM
8	Common fire management	7/27/2023 5:29 PM
9	Working On Fire Programme	7/27/2023 4:21 PM
10	Training (ICS)	7/27/2023 1:03 PM
11	Firefighting	7/27/2023 9:23 AM
12	Fire breaks	7/27/2023 8:59 AM
13	Fuel reduction	7/27/2023 7:46 AM
14	Efficient use of resources on fires	7/26/2023 5:14 PM
15	job-creation	7/26/2023 3:11 PM
16	Collaboration between sister organizations	7/26/2023 3:05 PM
17	Managing fynbos rejuvenation	7/26/2023 1:15 PM
18	Establishment and management of fire protection associations.	7/26/2023 12:36 PM
19	Readiness of private industry	7/26/2023 11:32 AM
20	Fuel load managed	7/26/2023 10:56 AM
21	Safety aspects to limit / stop unwanted wildland fires	7/26/2023 10:52 AM
22	Prescribed burning practices	7/26/2023 10:36 AM
23	Awareness	7/26/2023 10:34 AM
24	Fire Management Units	7/26/2023 10:17 AM
25	restoration of natural processes	7/26/2023 9:46 AM
26	Positive outcome of prescribed burning	7/26/2023 9:29 AM
27	National legislation pertaining to veld and forest fires	7/26/2023 9:15 AM
28	Invasive species clearing	7/26/2023 8:53 AM
29	Sufficient training of staff	7/26/2023 8:39 AM
30	a strong focus on conservation in the western cape	7/26/2023 8:21 AM
31	Early detection (only certain agencies/municipalities)	7/26/2023 8:16 AM
32	Preparedness-at certain levels not generalized	7/26/2023 8:12 AM
33	Response time to a wildfire	7/26/2023 8:11 AM
34	Incident Management Systems (WC)	7/26/2023 7:46 AM
35	Inter agency relationships and support	7/26/2023 7:45 AM
36	Excellent volunteer support	7/26/2023 7:44 AM
37	land owners/managers working together	7/26/2023 7:39 AM
38	Fire breaks	7/26/2023 7:19 AM
39	aerial firefighting support	7/26/2023 7:01 AM
40	Alien clearing ie. fuel load reduction	7/26/2023 6:59 AM
41	Interagency collaboration	7/26/2023 6:01 AM
42	Prescribe burns	7/25/2023 9:48 PM
43	Co-ordinating efforts (resources)	7/25/2023 8:37 PM
44	Capacity	7/25/2023 7:41 PM
45	Resource availability and readiness through training and response readiness including response protocols and collaboration with farmers, municipal firefighters, air craft support response	7/25/2023 7:19 PM

South Africa Wildland Fire Survey

46	Experienced personnel and mostly good leadership	7/25/2023 7:01 PM
47	Include farming communities in fire prevention	7/25/2023 6:30 PM
48	Early Fire Detection with Camera systems	7/25/2023 6:16 PM
49	Maintenance of an integrated system of firebreaks	7/25/2023 6:12 PM
50	FPA	7/25/2023 6:04 PM
51	Fire Protection Associations	7/25/2023 6:03 PM
52	Land management	7/25/2023 5:54 PM
53	Ability to accomplish objectives with limited resources.	7/25/2023 5:23 PM
54	Private/public partnerships	7/25/2023 5:08 PM
55	communication	7/25/2023 4:21 PM
56	Becoming an active member of a fire protection association	7/25/2023 1:06 PM
57	cutting and maintaining fire breaks	7/24/2023 10:20 AM
58	Wildland fire fighting training in controlled environment	7/21/2023 9:03 AM
59	Fire Breaks	7/19/2023 5:37 PM
60	Interagency cooperation (coordination and response)	7/19/2023 3:32 PM
61	Cooperative governance	7/19/2023 2:18 PM
62	Risk mitigation by reduction of fuel loads	7/19/2023 9:13 AM
63	Reaction to fires and awareness programs from Working on Fire	7/18/2023 12:38 PM
64	Protecting the valuable commercial timber industry	7/18/2023 10:50 AM
65	n/a	7/17/2023 11:34 PM
66	prescribed burning	7/17/2023 5:38 PM
67	the imparting of critical skills to the unemployed in rural areas	7/17/2023 10:31 AM
68	Early detection and rapid response to wildfires	7/17/2023 8:01 AM
69	information	7/17/2023 7:17 AM
70	Management of active fires	7/16/2023 10:57 AM
71	Good legislation in place	7/15/2023 12:12 PM
72	Proper updated legislation	7/14/2023 4:17 PM
73	mapping of fires and maintained fire databases (in Western Cape)	7/14/2023 3:58 PM
74	Working on Fire Program	7/14/2023 3:20 PM
75	Eco-system rejuvenation	7/14/2023 12:45 PM
76	we are failing	7/14/2023 11:55 AM
77	experience	7/14/2023 10:24 AM
78	Information sharing	7/14/2023 10:06 AM
79	The fact that a large number of people underwent ICS training	7/14/2023 8:39 AM
80	Maximum initial attack	7/13/2023 10:05 PM
81	Effective fire suppression	7/13/2023 6:39 PM
82	Technological advancements in wildfire fighting	7/13/2023 4:44 PM
83	Very well-developed commercial forestry	7/13/2023 3:51 PM
84	application of controlled burns	7/13/2023 2:49 PM
85	Incident Command	7/13/2023 2:41 PM
86	Wildfire response	7/13/2023 1:55 PM

South Africa Wildland Fire Survey

87	In some cases preventive actions rather than reactive	7/13/2023 1:14 PM
88	reduction in wildfires	7/13/2023 1:08 PM
89	Mutual aid between authorities	7/13/2023 12:56 PM
90	co-ordination of various role players	7/13/2023 12:50 PM
91	Proper fire brakes	7/13/2023 12:33 PM
92	Extinguishing many fires without access to water	7/13/2023 12:12 PM
93	Well developed for smaller incidents	7/13/2023 12:08 PM
94	Capacity in terms of fire fighting services	7/13/2023 12:06 PM
95	fire detection	7/7/2023 4:37 PM
#	3.	DATE
1	Community involvement	7/31/2023 7:59 PM
2	Labour employment opportunities	7/31/2023 9:10 AM
3	The education of civilians when witnessing the effects of successful management practices.	7/30/2023 2:46 PM
4	Fire response and suppression	7/28/2023 3:21 PM
5	Awareness of value of fire increasing	7/28/2023 11:23 AM
6	education on wildfires in AHJ	7/28/2023 10:23 AM
7	Community working together	7/27/2023 5:29 PM
8	early deployment of aerial assets	7/27/2023 4:21 PM
9	Job creation	7/27/2023 1:03 PM
10	Crisis management	7/27/2023 9:23 AM
11	Removal of alien vegetation	7/27/2023 8:59 AM
12	Reduce wildfires	7/27/2023 7:46 AM
13	Fuel load reduction	7/26/2023 5:14 PM
14	well-coordinated efforts for prescribed burns	7/26/2023 3:11 PM
15	Reducing risk to life and property	7/26/2023 1:15 PM
16	managing a mosaic system in fuel management to prevent disastrous fires	7/26/2023 12:36 PM
17	Response by private industry	7/26/2023 11:32 AM
18	Certain Water catchment regions well managed	7/26/2023 10:56 AM
19	Implementation of legislation	7/26/2023 10:36 AM
20	Using fire as a management tool	7/26/2023 10:34 AM
21	Incident Command System	7/26/2023 10:17 AM
22	IAP management where above aspects are in place	7/26/2023 9:46 AM
23	Managing of natural vegetation after prescribed burning	7/26/2023 9:29 AM
24	varied expertise available through various roleplayers	7/26/2023 9:15 AM
25	Fire access	7/26/2023 8:53 AM
26	Vegetation management	7/26/2023 8:39 AM
27	making do with very limited resources	7/26/2023 8:21 AM
28	Collaboration of multiple agencies	7/26/2023 8:16 AM
29	Not part of cycle but high level of expertise available	7/26/2023 8:12 AM
30	Community-based wildfire prevention	7/26/2023 8:11 AM
31	Provincial Fire related support to fire services (WC)	7/26/2023 7:46 AM

South Africa Wildland Fire Survey

32	Passionate fire fighters, OPerational and planning staff.	7/26/2023 7:45 AM
33	fire awereness	7/26/2023 7:39 AM
34	Invasive vegetation removal	7/26/2023 7:19 AM
35	fire breaks	7/26/2023 7:01 AM
36	Well trained personnel	7/26/2023 6:59 AM
37	Pockets of high quality work	7/26/2023 6:01 AM
38	Fuel reduction burns	7/25/2023 9:48 PM
39	Partnerships	7/25/2023 8:37 PM
40	Experience	7/25/2023 7:41 PM
41	The Western Cape's ground crews, training, interagency response readiness	7/25/2023 7:19 PM
42	Mostly good cooperation between agencies	7/25/2023 7:01 PM
43	Reaction time to fires often less than 30 minutes	7/25/2023 6:16 PM
44	Commitment of funding for fire management	7/25/2023 6:12 PM
45	Orgnaisaitons such as WoF/VWS	7/25/2023 6:04 PM
46	A long history of fire management	7/25/2023 6:03 PM
47	Increased knowledge	7/25/2023 5:54 PM
48	The growing concern around standards and levels of training.	7/25/2023 5:23 PM
49	Aerial support	7/25/2023 5:08 PM
50	involvement	7/25/2023 4:21 PM
51	Firebreaks establishment and maintenance	7/25/2023 1:06 PM
52	cross organisation support on fire lines	7/24/2023 10:20 AM
53	Dry biomass removal under controlled environment (risk of runaway fires)	7/21/2023 9:03 AM
54	Education to pupils and general population	7/19/2023 5:37 PM
55	Having an effective Incident Command Structure	7/19/2023 3:32 PM
56	Public support	7/19/2023 2:18 PM
57	Fire as a form of veld management in the City of Cape Town	7/19/2023 9:13 AM
58	Fire danger index warning system	7/18/2023 12:38 PM
59	Restoring and maintain our natural eco systems	7/18/2023 10:50 AM
60	n/a	7/17/2023 11:34 PM
61	co-operation between landusers/landowners	7/17/2023 5:38 PM
62	creates a sense of love for the outdoors when it is combined with education as to why the fires are needed	7/17/2023 10:31 AM
63	Volunteer organisations championing wildfire response	7/17/2023 8:01 AM
64	coordination	7/17/2023 7:17 AM
65	big institutional knowledge in most institutions/management authorities	7/15/2023 12:12 PM
66	Trained Working for Fire Teams	7/14/2023 4:17 PM
67	in the Garden Route DM area ecological factors are now being taken into account during fires	7/14/2023 3:58 PM
68	Fuel load reduction	7/14/2023 3:20 PM
69	in the Western Cape, concerted effort from all speres of government	7/14/2023 10:24 AM
70	Planning	7/14/2023 10:06 AM
71	Application of the principles inThe Disaster Management Act	7/14/2023 8:39 AM

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72	Community awareness	7/13/2023 10:05 PM
73	Training and awareness	7/13/2023 6:39 PM
74	Training	7/13/2023 4:44 PM
75	Integrated burning regimes state and private initiatives.	7/13/2023 3:51 PM
76	extinguishing unscheduled fires	7/13/2023 2:49 PM
77	Conducting prescribed ecological/fuel reduction burns	7/13/2023 1:55 PM
78	improved air quality	7/13/2023 1:08 PM
79	Availability of resource to work on fires	7/13/2023 12:50 PM
80	Trained and qualified firefighters, Incident commanders, and fire bosses	7/13/2023 12:33 PM
81	Well trained and capable wildfire crews	7/13/2023 12:12 PM
82	Well established and operational Fire protection Associations (FPA) in some areas	7/13/2023 12:06 PM
83	number of resources for suppression	7/7/2023 4:37 PM

Q13 What are three aspects of wildland fire management that could use improvement in South Africa?

Answered: 101 Skipped: 7

ANSWER CHOICES		RESPONSES
1.		100.00% 101
2.		98.02% 99
3.		94.06% 95

#	1.	DATE
1	Community based Wildfire Management	7/31/2023 7:59 PM
2	Resource allocation	7/31/2023 9:10 AM
3	Education of rural landowners and communities.	7/30/2023 2:46 PM
4	Fire risk management	7/28/2023 3:21 PM
5	Resources, budget constraints	7/28/2023 12:59 PM
6	Co-operation between all agencies/parties involved	7/28/2023 11:23 AM
7	Awareness campaigns under informal settlements	7/28/2023 10:23 AM
8	Fire breaks	7/27/2023 5:29 PM
9	National standards for wildfire PPE Tactics etc	7/27/2023 4:21 PM
10	Training in ICS to improve co operation	7/27/2023 1:03 PM
11	Politics	7/27/2023 9:23 AM
12	More government support financially	7/27/2023 8:59 AM
13	Training And Education	7/27/2023 7:46 AM
14	Communication systems	7/26/2023 5:14 PM
15	Increased training of response teams	7/26/2023 3:11 PM
16	More government resources allocated	7/26/2023 3:05 PM
17	Capacity to implement legislation	7/26/2023 2:37 PM
18	The Frequency using cape Metropole and surrounds as a benchmark	7/26/2023 1:15 PM

South Africa Wildland Fire Survey

19	establishment and implementation of better ICS on the ground	7/26/2023 12:36 PM
20	Reduce reliance on EPWP programmes	7/26/2023 11:32 AM
21	Controlled burning	7/26/2023 10:56 AM
22	Using Controlled burns for further fuel load & risk reduction	7/26/2023 10:52 AM
23	Buffer zones around the WUI	7/26/2023 10:36 AM
24	More prescribed burning	7/26/2023 10:34 AM
25	The division of fire services between Local and District authorities	7/26/2023 10:17 AM
26	Landscape scale planning and implementation of prescribed fire	7/26/2023 9:46 AM
27	Better planning	7/26/2023 9:29 AM
28	empowering FPA's for sustainability	7/26/2023 9:15 AM
29	Invasive species management	7/26/2023 8:53 AM
30	Upskilling of government funded staff	7/26/2023 8:39 AM
31	ICS	7/26/2023 8:21 AM
32	more people on the ground vs vehicles	7/26/2023 8:16 AM
33	Post fire recovery and rehabilitation	7/26/2023 8:12 AM
34	quick access to emergency funds for post fire activities	7/26/2023 8:11 AM
35	If Wildlandfire fighting became an Provincial competency	7/26/2023 7:46 AM
36	Employment of full time professional wildland fire fighters.	7/26/2023 7:45 AM
37	Naritive that fire destroys nature is wrong (especially in Fynbos biome)	7/26/2023 7:44 AM
38	local government involvement	7/26/2023 7:39 AM
39	Integrated management	7/26/2023 7:19 AM
40	fuel reduction	7/26/2023 7:01 AM
41	Better equipment and more funding	7/26/2023 6:59 AM
42	Standardisation of certifications	7/26/2023 6:01 AM
43	Land owners must take accountability for their properties	7/25/2023 9:48 PM
44	Implementation of ICS	7/25/2023 8:37 PM
45	Agreed collective and coordinated resource plans	7/25/2023 7:41 PM
46	I live near Hoedspruit Limpopo. There aren't many fires here, although not too long ago there was a runaway wildfire that ran into a few game farms. The local farmwatch took the lead in the fire response and put a lot of their responders in danger. There were a few injuries, but thankfully no deaths. Safety was not followed.	7/25/2023 7:19 PM
47	Certain areas better covered.	7/25/2023 7:01 PM
48	Fire fighting resources in Indigenous community area's	7/25/2023 6:16 PM
49	Making wildland fire management a more professional career option	7/25/2023 6:12 PM
50	Partnerships	7/25/2023 6:04 PM
51	Reduce the risk of legal liability, less risk aversion	7/25/2023 6:03 PM
52	Better understanding of need for fire in natural environment.	7/25/2023 6:03 PM
53	Internter-services communication	7/25/2023 5:54 PM
54	The real development of ground crews (people). I.e.; professionalism through training standards that are relevant to South Africa, and the proper payment of people - no more 'labour wages'.	7/25/2023 5:23 PM
55	Private landowner training	7/25/2023 5:08 PM
56	Inter-agency cooperation	7/25/2023 4:23 PM

South Africa Wildland Fire Survey

57	skills	7/25/2023 4:21 PM
58	Investing in employing teams that specifically deal with wildfire/fire education	7/25/2023 1:06 PM
59	Enforcement of fire bylaws on private land owners	7/24/2023 10:20 AM
60	Sharing knowledge	7/21/2023 9:03 AM
61	Better Fire meteorological information	7/19/2023 5:37 PM
62	Educating the public on wildland fire management	7/19/2023 3:32 PM
63	Fire planning on National Parks	7/19/2023 2:18 PM
64	Interagency cooperation	7/19/2023 9:13 AM
65	Training and education of some local authorities	7/18/2023 12:38 PM
66	More focus on Prescribed burning .We need to burn more areas annually	7/18/2023 10:50 AM
67	n/a	7/17/2023 11:34 PM
68	Incident Command System - embedding therof	7/17/2023 5:38 PM
69	less political interference	7/17/2023 4:43 PM
70	THE ROLE AND ASSITANCE OF ALL LEVELS IN GOVERNMENT TO ASSIT WITH FIRES AND FIRE FIGHTING	7/17/2023 12:49 PM
71	We do not have enough of it	7/17/2023 10:31 AM
72	Funding for equipment	7/17/2023 8:01 AM
73	awareness	7/17/2023 7:17 AM
74	General awareness among public	7/16/2023 10:57 AM
75	private land owners and public need better understanding / education	7/15/2023 12:12 PM
76	Increased number of forest and field rangers	7/14/2023 4:17 PM
77	financial support of conservation organisations to use helicopters to keep fires out of ecologically sensitive areas	7/14/2023 3:58 PM
78	Improved fuel load reduction	7/14/2023 3:20 PM
79	fire prevention and planning	7/14/2023 1:52 PM
80	Community fire preparedness	7/14/2023 12:45 PM
81	Prevention	7/14/2023 11:55 AM
82	Inter municipal co operation, B and C Municipalities	7/14/2023 10:24 AM
83	Social Media oppinions	7/14/2023 10:06 AM
84	Landowner responsibility towards fire prevention (creating fire breaks etc)	7/14/2023 9:09 AM
85	Quicker reaction to any fire	7/14/2023 8:39 AM
86	Training	7/13/2023 10:05 PM
87	Prescribed Burning	7/13/2023 6:39 PM
88	IC structures	7/13/2023 4:44 PM
89	greater coordination of state-private bruning management	7/13/2023 3:51 PM
90	education on the impact of unscheduled fires	7/13/2023 2:49 PM
91	Urbanization of wildland areas	7/13/2023 2:41 PM
92	Conducting prescribed burns	7/13/2023 1:55 PM
93	Preventive fire breaks	7/13/2023 1:14 PM
94	fire prevention organisations	7/13/2023 1:08 PM
95	Capacity to effectively respond	7/13/2023 12:56 PM
96	Funding for improvement	7/13/2023 12:50 PM

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97	Use of better and modern, more cost effective and effective Helicopters/recourses	7/13/2023 12:33 PM
98	Wildfire crew leadership	7/13/2023 12:12 PM
99	Integrated Fire Management on all levels	7/13/2023 12:08 PM
100	Funding to fire prevention	7/13/2023 12:06 PM
101	further development of IMTs	7/7/2023 4:37 PM
#	2.	DATE
1	Enforcement	7/31/2023 7:59 PM
2	Co-ordination of resources	7/31/2023 9:10 AM
3	Training, fire readiness of rural communities	7/30/2023 2:46 PM
4	Application of prescribed burning	7/28/2023 3:21 PM
5	Fire protection	7/28/2023 12:59 PM
6	Elevated prominence for wildland fires compared to structural fires	7/28/2023 11:23 AM
7	promoting of prescribe burns in AHJ	7/28/2023 10:23 AM
8	Access to properties during fires	7/27/2023 5:29 PM
9	Better aerial resources	7/27/2023 4:21 PM
10	Standardisation of management activities	7/27/2023 1:03 PM
11	Communication	7/27/2023 9:23 AM
12	More helicopters	7/27/2023 8:59 AM
13	Government support (e.g. aerial resources) and enforcement	7/26/2023 5:14 PM
14	Better equipment	7/26/2023 3:11 PM
15	More awareness to public of their role	7/26/2023 3:05 PM
16	Political support to implement co-operative approach	7/26/2023 2:37 PM
17	Correct planning	7/26/2023 1:15 PM
18	Enforcement of relevant legislation	7/26/2023 12:36 PM
19	Professionalizing of Wildland firefighters (24/7/365)	7/26/2023 11:32 AM
20	Alien vegetation control	7/26/2023 10:56 AM
21	Using controlled burns in the correct way for veld / environmental management	7/26/2023 10:52 AM
22	Co-operation between town planners and fire management	7/26/2023 10:36 AM
23	More support to Fire Protection Associations	7/26/2023 10:34 AM
24	Integrated wildfire management training	7/26/2023 10:17 AM
25	enabling (through planned management interventions) use of wildfires to attain relevant management objectives	7/26/2023 9:46 AM
26	Better excision of burning	7/26/2023 9:29 AM
27	enforcement of the legislation and alignment of by-laws	7/26/2023 9:15 AM
28	Fire risk management of urban edge	7/26/2023 8:53 AM
29	Collaboration between stakeholders	7/26/2023 8:39 AM
30	funding	7/26/2023 8:21 AM
31	Implementation of ICS	7/26/2023 8:16 AM
32	Preparedness	7/26/2023 8:12 AM
33	Funding for fire prevention and protection measures	7/26/2023 8:11 AM
34	Professionalisation of Wildland Fire Fighters	7/26/2023 7:46 AM
35	Increase ecological burning programs	7/26/2023 7:45 AM

South Africa Wildland Fire Survey

36	The link between fire management, alien vegetation control and restoration needs to be strengthened.	7/26/2023 7:44 AM
37	DM integration	7/26/2023 7:39 AM
38	Prevention awareness	7/26/2023 7:19 AM
39	prescribed burns	7/26/2023 7:01 AM
40	More alien clearing	7/26/2023 6:59 AM
41	Fuel Management	7/26/2023 6:01 AM
42	More prescribe burns	7/25/2023 9:48 PM
43	Implementation of IMT's	7/25/2023 8:37 PM
44	Prescribed burning	7/25/2023 7:41 PM
45	My suggestion for this area would be firstly the formation of a more localised Fire Protection Association. 2ndly, some form of umbrella association to regulate it.	7/25/2023 7:19 PM
46	Invasive Alien plant build up on private and state land often unchecked and leads to dangerous fuel loads.	7/25/2023 7:01 PM
47	Training and awareness into the indigenous community	7/25/2023 6:16 PM
48	Improving societal and media awareness of the need for integrated fire management	7/25/2023 6:12 PM
49	Funding	7/25/2023 6:04 PM
50	Better training	7/25/2023 6:03 PM
51	Better co-operation between landowners sharing an area in managing natural environment.	7/25/2023 6:03 PM
52	Inter-services working relationships	7/25/2023 5:54 PM
53	Training in and using the Incident Command System properly, at all levels of the ICS organisation.	7/25/2023 5:23 PM
54	Better spread of funding and management across the country	7/25/2023 5:08 PM
55	More rapid deployment of combatting resources	7/25/2023 4:23 PM
56	funding	7/25/2023 4:21 PM
57	Provide support to FPAs, establish and service FPAs in the rural parts of South Africa	7/25/2023 1:06 PM
58	community education on starting fires	7/24/2023 10:20 AM
59	Training Fire and Rescue Departments on importance of prescribed burns	7/21/2023 9:03 AM
60	More applied Fire research	7/19/2023 5:37 PM
61	Educating the public on Wildland / Urban Interface Zones	7/19/2023 3:32 PM
62	Resource allocation	7/19/2023 2:18 PM
63	Post fire invasive clearing	7/19/2023 9:13 AM
64	Training and education of some communities in rural areas	7/18/2023 12:38 PM
65	The Working on Fire program needs to become much more proficient in Prescribe burning	7/18/2023 10:50 AM
66	n/a	7/17/2023 11:34 PM
67	Fire awareness, prevention and education - at every level	7/17/2023 5:38 PM
68	greater funding	7/17/2023 4:43 PM
69	THE JOINING OF ALL GOVERNMENT INSTITUTIONS TO FIRE PROTECTION ASSOCIATIONS	7/17/2023 12:49 PM
70	Cape Nature is closing down historic hiking trails instead of investing in training local rural unemployed	7/17/2023 10:31 AM
71	Funding for better wages for wildland firefighters	7/17/2023 8:01 AM
72	community participation	7/17/2023 7:17 AM

South Africa Wildland Fire Survey

73	Education (Firewise)	7/16/2023 10:57 AM
74	risk mitigation measures so land owners are not scared to implement or allow prescribed fires	7/15/2023 12:12 PM
75	Improved training for field staff	7/14/2023 4:17 PM
76	provision of funds to manage invasive alien vegetation in catchment areas (which lead to uncontrolled and destructive fires)	7/14/2023 3:58 PM
77	Alien vegetation clearing	7/14/2023 3:20 PM
78	good managing of prescribed burns	7/14/2023 1:52 PM
79	Legal compliance (NVFFA)	7/14/2023 12:45 PM
80	Protection	7/14/2023 11:55 AM
81	More Training regarding wildland fire fighting	7/14/2023 10:24 AM
82	Public understanding and support	7/14/2023 10:06 AM
83	Stricter fines for non-compliance, accidental fire starting	7/14/2023 9:09 AM
84	Streamlineing of burocracy	7/14/2023 8:39 AM
85	Equipment and funding	7/13/2023 10:05 PM
86	Fuel reduction	7/13/2023 6:39 PM
87	Public awareness	7/13/2023 4:44 PM
88	Greater state support for Working on fire programmes	7/13/2023 3:51 PM
89	reduction of too regular burning for grazing	7/13/2023 2:49 PM
90	Legislation to support prescribed burns	7/13/2023 1:55 PM
91	Adequately equip communities	7/13/2023 1:14 PM
92	education of urban edge residents	7/13/2023 1:08 PM
93	Research on impacts of wildfire	7/13/2023 12:56 PM
94	Updated equipment / training methods	7/13/2023 12:50 PM
95	Training and keeping firefighters up to date.	7/13/2023 12:33 PM
96	Rate of spread models	7/13/2023 12:12 PM
97	Proper Trained and qualified IMT member, not just as one think it should be	7/13/2023 12:08 PM
98	Funding to FPA's that enable management on propertt level	7/13/2023 12:06 PM
99	continued integration of ICS with agencies on the fringes of fire management	7/7/2023 4:37 PM
#	3.	DATE
1	Awareness	7/31/2023 7:59 PM
2	Co-ordination off donations	7/31/2023 9:10 AM
3	Equipping and supporting individuals or groups who are always willing to assist, as, and when required.	7/30/2023 2:46 PM
4	Awareness of the ecological need for fire	7/28/2023 3:21 PM
5	Inter-municipal co-operation	7/28/2023 12:59 PM
6	National co-ordination	7/28/2023 11:23 AM
7	Defendable space Compians	7/28/2023 10:23 AM
8	Training	7/27/2023 5:29 PM
9	Better control of alien invasive species	7/27/2023 4:21 PM
10	Single association to deal with standards.	7/27/2023 1:03 PM
11	Goverment support	7/27/2023 9:23 AM

South Africa Wildland Fire Survey

12	More firefighters	7/27/2023 8:59 AM
13	International benchmarking	7/26/2023 5:14 PM
14	Further development of fire response organisations - in particular funding	7/26/2023 3:11 PM
15	More fuel reduction burns and education about its benefit	7/26/2023 3:05 PM
16	Co-operative management	7/26/2023 2:37 PM
17	Education of the neighbouring inhabitants	7/26/2023 1:15 PM
18	Getting more land owners to adhere to fire management practices	7/26/2023 12:36 PM
19	Source Private Sector funding, with less reliance on Government	7/26/2023 11:32 AM
20	Ecological biodiversity management	7/26/2023 10:56 AM
21	Improvement of risk on the urban wildland interface	7/26/2023 10:52 AM
22	Funding for removing invasive alien plants	7/26/2023 10:36 AM
23	Creation of buffer zones in the bigger landscape	7/26/2023 10:34 AM
24	Wildfire firefighting specialist training	7/26/2023 10:17 AM
25	support and buy in to a wider landscape scale approach	7/26/2023 9:46 AM
26	Better communication and availability of resources	7/26/2023 9:29 AM
27	development of both capacity and competence of roleplayers	7/26/2023 9:15 AM
28	Fire break clearing and vegetation load management	7/26/2023 8:53 AM
29	training and awareness in rural communities	7/26/2023 8:21 AM
30	Pre season planning: identify risks, awareness, etc.	7/26/2023 8:16 AM
31	Prevention-including awareness and use of prescribed burning	7/26/2023 8:12 AM
32	Better wildfire awareness and preparedness in rural areas	7/26/2023 8:11 AM
33	Legislation enforcement (landscape management)	7/26/2023 7:46 AM
34	Education of public regarding need to burn and reasons for this.	7/26/2023 7:45 AM
35	Fire response can be extremely destructive in sensitive systems - e.g. bulldozing	7/26/2023 7:44 AM
36	early detection	7/26/2023 7:39 AM
37	Private partnerships	7/26/2023 7:19 AM
38	land owner responsibility	7/26/2023 7:01 AM
39	More access to helicopters	7/26/2023 6:59 AM
40	Better/more universal training	7/26/2023 6:01 AM
41	Improve landscape management	7/25/2023 9:48 PM
42	Partnerships	7/25/2023 8:37 PM
43	Citizen co ownership	7/25/2023 7:41 PM
44	I'd imagine there are areas around the country that could use a similar fire response "revamp"	7/25/2023 7:19 PM
45	Foster improved understanding of pros and cons of wildland fire management amongst general public/ local communities affected.e	7/25/2023 7:01 PM
46	Funding going to the right places	7/25/2023 6:16 PM
47	Strengthening fire risk management capabilities	7/25/2023 6:12 PM
48	Link between invasive species management and wildfire management	7/25/2023 6:04 PM
49	Better management of urban/wildland interface	7/25/2023 6:03 PM
50	Better fire management programmes: prevention of unwanted fires, burning of prescribed fires, etc.	7/25/2023 6:03 PM

South Africa Wildland Fire Survey

51	Inter services politics	7/25/2023 5:54 PM
52	Giving the Fire Protection Associations the oversight of all wildfire management activities and supporting the FPAs financially to achieve this.	7/25/2023 5:23 PM
53	Public awareness	7/25/2023 5:08 PM
54	better use of volunteer and localised resources	7/25/2023 4:23 PM
55	equipment	7/25/2023 4:21 PM
56	Recruitment of Working on Fire staff, and provide better pay	7/25/2023 1:06 PM
57	homeless people in public open spaces or rangelands (make fires)	7/24/2023 10:20 AM
58	More stakeholder engagements	7/21/2023 9:03 AM
59	More training and fire awareness education	7/19/2023 5:37 PM
60	Support to private landowners	7/19/2023 2:18 PM
61	Greater financial support for NGOs	7/19/2023 9:13 AM
62	Up to date fire risk analyses in SA	7/18/2023 12:38 PM
63	The implementation of more high intensity burns to control bush encroachment	7/18/2023 10:50 AM
64	n/a	7/17/2023 11:34 PM
65	legal compliance with potentially excellent environmental legislation	7/17/2023 5:38 PM
66	wider education	7/17/2023 4:43 PM
67	TRAINING OF ALL LEVELS OF THE RURAL POPULATION IN FIRE FIGHTING AND PROVIDING OF PPE AND EQUIPMENT BY GOVERNMENT	7/17/2023 12:49 PM
68	hiking trails and hiking get people out into the wild, support that and everything else will follow	7/17/2023 10:31 AM
69	Ensuring that wildland fire fighting is actually considered as a "real" profession	7/17/2023 8:01 AM
70	Government funding	7/17/2023 7:17 AM
71	Private sector support to FPA's	7/16/2023 10:57 AM
72	alien invasive plant management (fuel reduction, etc.)	7/15/2023 12:12 PM
73	Improved implementation of management plans on properties	7/14/2023 4:17 PM
74	awareness raising amongst all stakeholders about the impacts of fires on livelihoods	7/14/2023 3:58 PM
75	Mountain catchment management	7/14/2023 3:20 PM
76	The clearing of firebreaks	7/14/2023 1:52 PM
77	Alien invasive plant management	7/14/2023 12:45 PM
78	Preparedness	7/14/2023 11:55 AM
79	increased capabilities for wildland fire fighting	7/14/2023 10:24 AM
80	Public cooperation	7/14/2023 10:06 AM
81	Decisionmakers are often politicians and that is a recipe for disaster	7/14/2023 8:39 AM
82	Medical aid and life cover	7/13/2023 10:05 PM
83	Training and awareness	7/13/2023 6:39 PM
84	Legal response to arsonists	7/13/2023 4:44 PM
85	State subsidies for private industries involved in combatting fires	7/13/2023 3:51 PM
86	further research on the ecological role of fire	7/13/2023 2:49 PM
87	Alien vegetation reduction	7/13/2023 1:55 PM
88	More teams on the ground	7/13/2023 1:14 PM
89	education of youth	7/13/2023 1:08 PM

90	Assistance to mandated authorities responsible for wildfires	7/13/2023 12:56 PM
91	Support from Government	7/13/2023 12:50 PM
92	Agencies working collaboratively	7/13/2023 12:12 PM
93	Proper implementation of systems for Incident Command especially on complex and extended incidents	7/13/2023 12:08 PM
94	Training and fire fighting capacity at grass root level	7/13/2023 12:06 PM
95	improvement of fire danger rating system	7/7/2023 4:37 PM

Q14 What are three aspects of wildland fire management that South Africa could share with other African countries?

Answered: 94 Skipped: 14

ANSWER CHOICES	RESPONSES	
1.	100.00%	94
2.	95.74%	90
3.	79.79%	75

#	1.	DATE
1	Community based wildfire management	7/31/2023 7:59 PM
2	Working on fire program	7/31/2023 9:10 AM
3	Difficult to answer, but there is no lack of enthusiasm when it comes to tackling the task, but I guess that most fire fighters share this attribute:)	7/30/2023 2:46 PM
4	Early detection using a variety of tools (e.g. Satellite and cameras)	7/28/2023 3:21 PM
5	Ecological - benefits and impacts	7/28/2023 12:59 PM
6	Legislative environment	7/28/2023 11:23 AM
7	prescribed burns	7/28/2023 10:23 AM
8	Fire breaks	7/27/2023 5:29 PM
9	Standards for wildland fire fighting	7/27/2023 4:21 PM
10	Resources	7/27/2023 1:03 PM
11	Management and Governance	7/27/2023 8:59 AM
12	Fire Protection Association (FPA) formation & legislative support	7/26/2023 5:14 PM
13	Capacity development	7/26/2023 3:11 PM
14	Training	7/26/2023 3:05 PM
15	Legislation	7/26/2023 2:37 PM
16	Forward Planning	7/26/2023 1:15 PM
17	Ecological integrity	7/26/2023 12:36 PM
18	Training	7/26/2023 11:32 AM
19	Fire break management	7/26/2023 10:56 AM
20	Fire Readiness	7/26/2023 10:52 AM
21	Awareness	7/26/2023 10:34 AM
22	Using fire to fight fire	7/26/2023 10:17 AM
23	Suppression protocols and systems	7/26/2023 9:46 AM

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24	Our knowledge of our natural vegetation	7/26/2023 9:29 AM
25	Expertise in Integrated Fire Management	7/26/2023 9:15 AM
26	Same as above	7/26/2023 8:53 AM
27	Government extended works programmes (WOF and affiliated groups)	7/26/2023 8:21 AM
28	Resources	7/26/2023 8:16 AM
29	Prevention, risk reduction ie. fuel load management prescribed burning etc.	7/26/2023 8:12 AM
30	Community-based fire management on communal (traditional) lands	7/26/2023 8:11 AM
31	Incident Management Systems	7/26/2023 7:46 AM
32	Ensure financial support for municipal fire fighting bodies	7/26/2023 7:45 AM
33	Remote detection	7/26/2023 7:39 AM
34	Wild fire prevention	7/26/2023 7:19 AM
35	summer response preparedness	7/26/2023 7:01 AM
36	Training	7/26/2023 6:59 AM
37	Training	7/26/2023 6:01 AM
38	Capacity of fire services	7/25/2023 9:48 PM
39	ICS	7/25/2023 8:37 PM
40	Legislation	7/25/2023 7:41 PM
41	Ground crew readiness and training	7/25/2023 7:19 PM
42	Fire Protection Association concept and methodology.	7/25/2023 7:01 PM
43	Training	7/25/2023 6:16 PM
44	Aligning fire management with political priorities	7/25/2023 6:12 PM
45	Ecological prescribe burn planning	7/25/2023 6:04 PM
46	Ecological expertise	7/25/2023 6:03 PM
47	As above	7/25/2023 6:03 PM
48	Education & experience	7/25/2023 5:54 PM
49	The use of limited resources to achieve objectives.	7/25/2023 5:23 PM
50	Direct attack methods	7/25/2023 5:08 PM
51	Coordination of resources	7/25/2023 4:23 PM
52	planning	7/25/2023 4:21 PM
53	Technology advancement is most definately better in SA than anywhere else in Africa	7/25/2023 1:06 PM
54	Having well resourced fire fighters	7/24/2023 10:20 AM
55	How to work together with different roleplayers at wildland fires	7/21/2023 9:03 AM
56	Training	7/19/2023 5:37 PM
57	Fire planning methodology	7/19/2023 2:18 PM
58	ICS system	7/19/2023 9:13 AM
59	Coordination of landowners (in some areas of SA)	7/18/2023 12:38 PM
60	Assist with the implementation of a FDI system which is crucial when appling prescribed fire and when supressing wild fires	7/18/2023 10:50 AM
61	n/a	7/17/2023 11:34 PM
62	National Veld and Forest Fire Act 101 of 1998 as amended.	7/17/2023 5:38 PM
63	less political interference	7/17/2023 4:43 PM

South Africa Wildland Fire Survey

64	THE WORKING FOR FIRE JOB CREATION PROJECT OF GOVERNMENT	7/17/2023 12:49 PM
65	it is a vital part of growth and maintenance of our wilderness areas	7/17/2023 10:31 AM
66	Training and mentorship	7/17/2023 8:01 AM
67	FPA structures	7/17/2023 7:17 AM
68	our science. knowledge of spacial and temopral optimisation	7/15/2023 12:12 PM
69	Legislation	7/14/2023 4:17 PM
70	collaborative fire management amongst various stakeholders	7/14/2023 3:58 PM
71	Working on Fire successes	7/14/2023 3:20 PM
72	The same as above	7/14/2023 1:52 PM
73	ICS	7/14/2023 12:45 PM
74	Inetrgrated fire management	7/14/2023 11:55 AM
75	ICS	7/14/2023 10:24 AM
76	Planning	7/14/2023 10:06 AM
77	The establishment of Fire Protection Associations	7/14/2023 9:09 AM
78	A programme similar to the Working on Fire in South Africa	7/14/2023 8:39 AM
79	Training	7/13/2023 10:05 PM
80	Prescribed burning	7/13/2023 6:39 PM
81	Technologies of firefighting equipment and strategies	7/13/2023 4:44 PM
82	Quality and innovation in fire fighting vehicle and equipment	7/13/2023 3:51 PM
83	education on the impact of unscheduled fires	7/13/2023 2:49 PM
84	Incident Command	7/13/2023 2:41 PM
85	Responding to wildfires	7/13/2023 1:55 PM
86	Equipment	7/13/2023 1:20 PM
87	Proffessional Working on Fire program	7/13/2023 1:14 PM
88	fire prevention	7/13/2023 1:08 PM
89	Knowledge of fire behavior in different biomes	7/13/2023 12:56 PM
90	Experience	7/13/2023 12:50 PM
91	training/understanding fires	7/13/2023 12:33 PM
92	Specialized wildfire crews	7/13/2023 12:12 PM
93	How to engage with landowners using the FPA model	7/13/2023 12:06 PM
94	development of ICS	7/7/2023 4:37 PM
#	2.	DATE
1	Legislation	7/31/2023 7:59 PM
2	Community communication groups	7/31/2023 9:10 AM
3	Training of firefighters	7/28/2023 3:21 PM
4	Resource support	7/28/2023 12:59 PM
5	FPA structure and strategies	7/28/2023 11:23 AM
6	defendable space in rural areas	7/28/2023 10:23 AM
7	Controlled vegitation burns	7/27/2023 5:29 PM
8	Resource sharing assistance through ICS	7/27/2023 4:21 PM
9	Knowledge & understanding of fire driven systems	7/27/2023 1:03 PM

South Africa Wildland Fire Survey

10	Better equipment	7/27/2023 8:59 AM
11	Water on wheels equipped for Africa (by ANCO Manufacturing)	7/26/2023 5:14 PM
12	Establishment of JOCs	7/26/2023 3:11 PM
13	Specific environment of CFR	7/26/2023 3:05 PM
14	Research	7/26/2023 2:37 PM
15	Eradication of exotic and other invasive vegetation	7/26/2023 1:15 PM
16	managing and protecting the indigenous biomes	7/26/2023 12:36 PM
17	ICS implementation	7/26/2023 11:32 AM
18	NVFFA - Legislation guidance	7/26/2023 10:56 AM
19	Possible Detection Systems	7/26/2023 10:52 AM
20	Prescribed Burning	7/26/2023 10:34 AM
21	The "uurtjie vuurtjie" program run by the Western Cape Disaster Center	7/26/2023 10:17 AM
22	Integrated fire and IAP management	7/26/2023 9:46 AM
23	The manner in which we execute prescribed burning	7/26/2023 9:29 AM
24	Development, research and training in IFM	7/26/2023 9:15 AM
25	Sharing of Knowledge	7/26/2023 8:16 AM
26	Response- command and control ie.	7/26/2023 8:12 AM
27	Wildfire prevention and protection tools for protection of rangelands	7/26/2023 8:11 AM
28	Various Fire Support systems (community, landowner, municipal and provincial driven))	7/26/2023 7:46 AM
29	Employment and contracts with specialist agencies as support	7/26/2023 7:45 AM
30	Fire risk mapping	7/26/2023 7:39 AM
31	Wildfire management	7/26/2023 7:19 AM
32	Fire Danger Indication	7/26/2023 7:01 AM
33	Expertise	7/26/2023 6:59 AM
34	Resources (personnel)	7/26/2023 6:01 AM
35	Commercialising of fire services	7/25/2023 9:48 PM
36	IMT's	7/25/2023 8:37 PM
37	Strategy	7/25/2023 7:41 PM
38	Modular organizational structuring/ICS training/response readiness	7/25/2023 7:19 PM
39	Working on Fire concept/job creation/capacity building model	7/25/2023 7:01 PM
40	Equipment	7/25/2023 6:16 PM
41	FPAs as a means of coordination and cooperation	7/25/2023 6:12 PM
42	Implementaiton of wild and prescribed fires	7/25/2023 6:04 PM
43	Technical expertise	7/25/2023 6:03 PM
44	Fire suppression management	7/25/2023 5:54 PM
45	The concept of the Fire Protection Association.	7/25/2023 5:23 PM
46	Volunteer integration	7/25/2023 5:08 PM
47	Training and skills development	7/25/2023 4:23 PM
48	best practises	7/25/2023 4:21 PM
49	Team energy management and team building (i.e. fitness on a weekly basis)	7/25/2023 1:06 PM
50	having proper incident command and control rooms	7/24/2023 10:20 AM

South Africa Wildland Fire Survey

51	Importance and examples of wildland fire management	7/21/2023 9:03 AM
52	Fire fighting techniques	7/19/2023 5:37 PM
53	Logisitical experience	7/19/2023 2:18 PM
54	How to use different tools, mechanical and manual on a fire	7/19/2023 9:13 AM
55	Training and education of firefighters and general communities	7/18/2023 12:38 PM
56	Training and supply of Tools	7/18/2023 10:50 AM
57	n/a	7/17/2023 11:34 PM
58	Fire Danger Rating System coupled with education	7/17/2023 5:38 PM
59	greater funding	7/17/2023 4:43 PM
60	THE AERIAL FIRE FIGHTING CAPABILITIES AND PROGRAM IN SOUTH AFRICA	7/17/2023 12:49 PM
61	invest in the rural unemployed to conduct the fire services and use hem to create and maintain trails	7/17/2023 10:31 AM
62	Inter continental specialised (Hot Shot) wildland firefighting crews	7/17/2023 8:01 AM
63	training	7/17/2023 7:17 AM
64	alien plant management	7/15/2023 12:12 PM
65	Fire Management Plans	7/14/2023 4:17 PM
66	informing fire management with ecological parameters	7/14/2023 3:58 PM
67	Legislation ?	7/14/2023 3:20 PM
68	Education	7/14/2023 1:52 PM
69	Rapid response	7/14/2023 12:45 PM
70	Community and structure protection	7/14/2023 11:55 AM
71	Expertise	7/14/2023 10:24 AM
72	Departmental Cooperation	7/14/2023 10:06 AM
73	Cooperation between state and landowners with regards to fire prevention and control	7/14/2023 9:09 AM
74	ICS training	7/14/2023 8:39 AM
75	MOUs regarding cross border fires	7/13/2023 10:05 PM
76	Fire suppression techniques	7/13/2023 6:39 PM
77	Benefits of controlled wildland fires	7/13/2023 4:44 PM
78	High level of firefighting training	7/13/2023 3:51 PM
79	reduction of too regular burning for grazing	7/13/2023 2:49 PM
80	Prescribed / controlled burns	7/13/2023 2:41 PM
81	Planning & conductiing precribed burns	7/13/2023 1:55 PM
82	Management styles	7/13/2023 1:20 PM
83	Fire ban regulations	7/13/2023 1:14 PM
84	prescribed burns	7/13/2023 1:08 PM
85	ICS experience	7/13/2023 12:56 PM
86	Training	7/13/2023 12:50 PM
87	schooling of people regarding fires	7/13/2023 12:33 PM
88	WUI risk assessments	7/13/2023 12:12 PM
89	Coordination and co-operation between various institutions	7/13/2023 12:06 PM
90	fire management resources	7/7/2023 4:37 PM
#	3.	DATE

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1	Functional FPA structures (most FPAs are dysfunctional)	7/31/2023 7:59 PM
2	Public private co-operation initiatives	7/31/2023 9:10 AM
3	How to compile and act on the results of fire risk assessments	7/28/2023 3:21 PM
4	Resources	7/28/2023 11:23 AM
5	Awareness campaigns about wildfires	7/28/2023 10:23 AM
6	training	7/27/2023 4:21 PM
7	Unique methods of combatting wildfires.	7/27/2023 1:03 PM
8	Training of firefighters	7/27/2023 8:59 AM
9	Hands-on management and experienced fire managers	7/26/2023 5:14 PM
10	Inter-government department collaborations	7/26/2023 3:11 PM
11	Collaboration between organizations	7/26/2023 3:05 PM
12	The complimenting of fire damage mitigation and ecological benefits	7/26/2023 1:15 PM
13	control over ignitions and indigenous burning practices of	7/26/2023 12:36 PM
14	Sharing of resources	7/26/2023 11:32 AM
15	FPA's and the business model of functional FPA's	7/26/2023 10:56 AM
16	Utilization of ICS	7/26/2023 10:34 AM
17	FPA program	7/26/2023 10:17 AM
18	Science based fire management in catchments and relevant biomes	7/26/2023 9:46 AM
19	Build partnerships	7/26/2023 9:29 AM
20	Suppression resources if requested and funded	7/26/2023 9:15 AM
21	ICS if not yet incorporated	7/26/2023 8:16 AM
22	Preparedness-systemic and societal	7/26/2023 8:12 AM
23	Wildland strategies to unlock carbon financing	7/26/2023 8:11 AM
24	Strategic session/ workgroups	7/26/2023 7:46 AM
25	Using ICS to be on par with international standards	7/26/2023 7:45 AM
26	FPA structures	7/26/2023 7:39 AM
27	Operation training	7/26/2023 7:19 AM
28	Aerial firefighting support	7/26/2023 7:01 AM
29	Helicopters	7/26/2023 6:59 AM
30	Bilateral agreements	7/26/2023 6:01 AM
31	Veld management	7/25/2023 9:48 PM
32	Resources	7/25/2023 8:37 PM
33	Resource Planning	7/25/2023 7:41 PM
34	preventative measures awareness training	7/25/2023 7:19 PM
35	promotion of understanding of both positive and negative impact of fire on ecosystems	7/25/2023 7:01 PM
36	Early Detection	7/25/2023 6:16 PM
37	Building capacities for rapid fire response	7/25/2023 6:12 PM
38	Landscape-level planning	7/25/2023 6:03 PM
39	Inter-services relationship	7/25/2023 5:54 PM
40	The use of and training in prescribed fire management.	7/25/2023 5:23 PM
41	Localised reaction and early warning systems	7/25/2023 4:23 PM

South Africa Wildland Fire Survey

42	How to best use the minimal resources in dealing with fire challenges	7/25/2023 1:06 PM
43	getting buy in from private and farmers (incentives)	7/24/2023 10:20 AM
44	Examples of wildland fires gone wrong and lessons learned	7/21/2023 9:03 AM
45	Fire awareness education	7/19/2023 5:37 PM
46	Technical support/knowledge sharing	7/19/2023 2:18 PM
47	Prescribed burning (in some areas of SA)	7/18/2023 12:38 PM
48	n/a	7/17/2023 11:34 PM
49	Firewsie Communities - more community -based fire management	7/17/2023 5:38 PM
50	wider education	7/17/2023 4:43 PM
51	living in harmony with nature requires wildfires in Africa	7/17/2023 10:31 AM
52	Integrated wildland fire planning incorporating all spheres (early detection, rapid response, ecology & fire regimes etc.)	7/17/2023 8:01 AM
53	coordination	7/17/2023 7:17 AM
54	other management aspects (prevention, mitigation, etc.) of planned and unplanned ignitions.	7/15/2023 12:12 PM
55	Working for Fire Programme	7/14/2023 4:17 PM
56	provision of information to communities living within fire-prone areas	7/14/2023 3:58 PM
57	Training	7/14/2023 1:52 PM
58	Ecological fire management	7/14/2023 11:55 AM
59	Training	7/14/2023 10:24 AM
60	Knowledge gained	7/14/2023 10:06 AM
61	The principle of blockburning and reduction of fuel load	7/14/2023 8:39 AM
62	Funding	7/13/2023 10:05 PM
63	Integrated Wildfire Management	7/13/2023 6:39 PM
64	Community participation and cooperation	7/13/2023 4:44 PM
65	Power of prescribed burning in fuel load management	7/13/2023 3:51 PM
66	reduction of slash and burn for cultivation	7/13/2023 2:49 PM
67	Soil erosion mitigation	7/13/2023 1:55 PM
68	Different ways of extinguishing	7/13/2023 1:20 PM
69	education	7/13/2023 1:08 PM
70	Initial attack and response to wildfires	7/13/2023 12:56 PM
71	Mentorship	7/13/2023 12:50 PM
72	getting more people involved	7/13/2023 12:33 PM
73	Contract crews	7/13/2023 12:12 PM
74	How to align resource allocations	7/13/2023 12:06 PM
75	fire detection systems	7/7/2023 4:37 PM

Q15 What types of fuel burn most often in wildland fires in your area?

Answered: 93 Skipped: 15

South Africa Wildland Fire Survey

ANSWER CHOICES		RESPONSES
1.		100.00% 93
2.		94.62% 88
3.		78.49% 73
4.		46.24% 43

#	1.	DATE
1	Grass (Fine fuels)	7/31/2023 8:07 PM
2	Alien vegetation	7/31/2023 9:14 AM
3	Alien vegetation	7/30/2023 3:01 PM
4	Fynbos	7/28/2023 3:21 PM
5	Flammable Fynbos shrubland	7/28/2023 1:13 PM
6	Grass, natural forests	7/28/2023 11:29 AM
7	fynbos	7/28/2023 11:06 AM
8	Fynbos	7/27/2023 5:34 PM
9	Fynbos	7/27/2023 4:26 PM
10	Fynbos (Catchment Areas)	7/27/2023 1:23 PM
11	Alien vegetation	7/27/2023 9:08 AM
12	Fynbos	7/27/2023 8:01 AM
13	Grass	7/26/2023 5:21 PM
14	Alien invasive plants	7/26/2023 3:17 PM
15	Fynbos	7/26/2023 3:09 PM
16	Old and overgrown fynbos veldt	7/26/2023 2:54 PM
17	Fynbos	7/26/2023 1:24 PM
18	alien vegetation	7/26/2023 12:52 PM
19	Natural veld	7/26/2023 11:46 AM
20	Fine fuels (fynbos grasses and invasive alien vegetation)	7/26/2023 11:42 AM
21	Fynbos	7/26/2023 11:08 AM
22	Grasslands	7/26/2023 11:00 AM
23	Indigenous - Fynbos	7/26/2023 10:42 AM
24	Fynbos	7/26/2023 10:42 AM
25	Invasive alien species like black wattle and rooikrans	7/26/2023 10:31 AM
26	Fynbos (10 to 15 years)	7/26/2023 10:00 AM
27	Fynbos	7/26/2023 9:38 AM
28	Invasive vegetation	7/26/2023 8:59 AM
29	Fynbos vegetation	7/26/2023 8:43 AM
30	Plantation	7/26/2023 8:39 AM
31	Fynbos, mostly medium but occasionally heavy fuel type	7/26/2023 8:31 AM
32	Invasive plant species	7/26/2023 8:26 AM
33	Invasive alien plants	7/26/2023 8:24 AM
34	Alien Invasive Vegetation	7/26/2023 8:21 AM

South Africa Wildland Fire Survey

35	Fynbos	7/26/2023 8:21 AM
36	Alien annual herbaceous grasses - in summer when dead.	7/26/2023 7:57 AM
37	Invasive alien species such as Port Jackson, Pines, Gums	7/26/2023 7:57 AM
38	Fynbos	7/26/2023 7:24 AM
39	fynbos	7/26/2023 7:13 AM
40	Alien vegetation	7/26/2023 7:05 AM
41	Fynbos	7/25/2023 9:56 PM
42	Fynbos	7/25/2023 8:49 PM
43	Fynbos vegetation	7/25/2023 7:53 PM
44	grass	7/25/2023 7:28 PM
45	Natural vegetation/Fynbos	7/25/2023 7:10 PM
46	Commercial Forestry Plantations	7/25/2023 6:31 PM
47	Fynbos	7/25/2023 6:17 PM
48	Grass	7/25/2023 6:12 PM
49	Fynbos shrubland	7/25/2023 6:08 PM
50	Grasslands	7/25/2023 6:01 PM
51	Fynbos	7/25/2023 5:29 PM
52	Brush/ fynbos	7/25/2023 5:10 PM
53	bush and grass and fynbos	7/25/2023 4:31 PM
54	fynbos	7/25/2023 4:24 PM
55	Copper wire	7/25/2023 1:21 PM
56	Fynbos near Grabouw informal settlement	7/21/2023 9:21 AM
57	Fynbos fire	7/19/2023 3:37 PM
58	Fynbos (shrubs)	7/19/2023 2:29 PM
59	heavy fuels, eg pine	7/19/2023 9:17 AM
60	Grasslands	7/18/2023 3:37 PM
61	Fynbos -combination of fine, oily and woody Mediterranean type	7/17/2023 5:52 PM
62	alien vegetation	7/17/2023 4:49 PM
63	GRASS	7/17/2023 1:01 PM
64	fynbos	7/17/2023 10:36 AM
65	Invasive alien vegetation	7/17/2023 8:16 AM
66	vegetation farm lands	7/17/2023 7:17 AM
67	Grass	7/16/2023 4:57 PM
68	Indigenous veld	7/16/2023 11:02 AM
69	grass.	7/15/2023 12:22 PM
70	fynbos	7/15/2023 7:53 AM
71	Grasses	7/14/2023 4:48 PM
72	Fynbos	7/14/2023 3:40 PM
73	Mbombela mostly forestry	7/14/2023 1:59 PM
74	Fynbos	7/14/2023 12:57 PM
75	Alien	7/14/2023 10:30 AM

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76	Fynbos	7/14/2023 10:24 AM
77	Grass veld	7/14/2023 9:18 AM
78	Commercial plantations	7/14/2023 8:58 AM
79	Grass and grazing	7/13/2023 10:10 PM
80	Fynbos	7/13/2023 6:43 PM
81	Aforested areas	7/13/2023 4:51 PM
82	Grasslands	7/13/2023 4:00 PM
83	fynbos	7/13/2023 2:56 PM
84	Sour veld	7/13/2023 1:26 PM
85	Grasslands	7/13/2023 1:22 PM
86	alien vegetation	7/13/2023 1:13 PM
87	Natural veld - Fynbos and renosterveld	7/13/2023 12:56 PM
88	Fynbos	7/13/2023 12:50 PM
89	Fynbos	7/13/2023 12:43 PM
90	Natural - Fynbos	7/13/2023 12:16 PM
91	Urban interface fuels	7/13/2023 12:14 PM
92	Fynbos	7/13/2023 12:14 PM
93	grass	7/7/2023 4:38 PM
#	2.	DATE
1	Shrubs (Medium Fuels)	7/31/2023 8:07 PM
2	Indigenous mountain vegetation	7/31/2023 9:14 AM
3	Rubbish/waste	7/30/2023 3:01 PM
4	Timber plantations	7/28/2023 3:21 PM
5	Dense alien plant thickets	7/28/2023 1:13 PM
6	Plantations	7/28/2023 11:29 AM
7	dry material	7/28/2023 11:06 AM
8	Timber plantations	7/27/2023 4:26 PM
9	Invasive alien stands	7/27/2023 1:23 PM
10	Wind swept effects	7/27/2023 9:08 AM
11	Grass	7/27/2023 8:01 AM
12	Savanna	7/26/2023 5:21 PM
13	dry, accumulated biomass of natural vegetation	7/26/2023 3:17 PM
14	Reeds	7/26/2023 3:09 PM
15	Fynbos areas overgrown with invasive plant species	7/26/2023 2:54 PM
16	Grasses	7/26/2023 1:24 PM
17	fynbos	7/26/2023 12:52 PM
18	Medium Fuels (fynbos and invasive alien vegetation)	7/26/2023 11:42 AM
19	Alien vegetation	7/26/2023 11:08 AM
20	Commercial Forestry Plantations	7/26/2023 11:00 AM
21	Invasive - Wattle, Eucalyptus	7/26/2023 10:42 AM
22	Plantations	7/26/2023 10:42 AM

South Africa Wildland Fire Survey

23	Fynbos	7/26/2023 10:31 AM
24	Dense Invasive alien stands	7/26/2023 10:00 AM
25	Semi forests	7/26/2023 9:38 AM
26	Fynbos	7/26/2023 8:59 AM
27	agricultural land	7/26/2023 8:39 AM
28	Renosterveld, mostly medium	7/26/2023 8:31 AM
29	Fynbos	7/26/2023 8:26 AM
30	Fynbos	7/26/2023 8:24 AM
31	Fynbos	7/26/2023 8:21 AM
32	Port Jackson	7/26/2023 8:21 AM
33	Fynbos	7/26/2023 7:57 AM
34	Road side grasses and shrubs	7/26/2023 7:57 AM
35	Invasive vegetation	7/26/2023 7:24 AM
36	gum trees	7/26/2023 7:13 AM
37	Indigenous vegetation older than 15 years	7/26/2023 7:05 AM
38	Aliens	7/25/2023 9:56 PM
39	Alien Vegetation	7/25/2023 8:49 PM
40	mopane	7/25/2023 7:28 PM
41	wide range of Invasive alien vegetation	7/25/2023 7:10 PM
42	Grasslands	7/25/2023 6:31 PM
43	Invasive species	7/25/2023 6:17 PM
44	Bushes	7/25/2023 6:12 PM
45	Pine plantations	7/25/2023 6:08 PM
46	Fynbos	7/25/2023 6:01 PM
47	Pines	7/25/2023 5:29 PM
48	Grassland	7/25/2023 5:10 PM
49	pine tree plantations - biggest threat after alien vegetation infestations	7/25/2023 4:31 PM
50	grass	7/25/2023 4:24 PM
51	Rubbish fire	7/25/2023 1:21 PM
52	Light fuels, such as grass and light bush or veld	7/19/2023 3:37 PM
53	Invasive vegetation	7/19/2023 2:29 PM
54	light fuel, fynbos	7/19/2023 9:17 AM
55	Encroached grasslands	7/18/2023 3:37 PM
56	Australian Acacia (Woody Invasives)	7/17/2023 5:52 PM
57	old growth indigenous vegetation	7/17/2023 4:49 PM
58	REEDS	7/17/2023 1:01 PM
59	grasses	7/17/2023 10:36 AM
60	Mountain fynbos	7/17/2023 8:16 AM
61	commercial forestry	7/17/2023 7:17 AM
62	Shrubs	7/16/2023 4:57 PM
63	Abandoned forestry areas	7/16/2023 11:02 AM

South Africa Wildland Fire Survey

64	herbaceous layer	7/15/2023 12:22 PM
65	invasive alien plants	7/15/2023 7:53 AM
66	Shrubs	7/14/2023 4:48 PM
67	Alien vegetation	7/14/2023 3:40 PM
68	Western Cape Fynbos and farms	7/14/2023 1:59 PM
69	Woody Alien Invasive plant species	7/14/2023 12:57 PM
70	Fynbos	7/14/2023 10:30 AM
71	Invasive Plants	7/14/2023 10:24 AM
72	Weeds like Skraalhans	7/14/2023 9:18 AM
73	Invasive alien species	7/14/2023 8:58 AM
74	Crops	7/13/2023 10:10 PM
75	Alien vegetation	7/13/2023 6:43 PM
76	Grassland areas	7/13/2023 4:51 PM
77	Timber plantations	7/13/2023 4:00 PM
78	grasslands	7/13/2023 2:56 PM
79	Timber	7/13/2023 1:26 PM
80	edges of woodland	7/13/2023 1:22 PM
81	grasslands	7/13/2023 1:13 PM
82	Alien vegetation - Rooikrans and black wattle	7/13/2023 12:56 PM
83	Alien species - Port Jackson etc	7/13/2023 12:50 PM
84	Plantations / pine or bluegum	7/13/2023 12:43 PM
85	Stubble - wheat production areas	7/13/2023 12:16 PM
86	Mixed vegetation	7/13/2023 12:14 PM
87	Invasive alien vegetation	7/13/2023 12:14 PM
88	timber	7/7/2023 4:38 PM
#	DATE	
1	3.	
1	Invasive trees in the WUI	7/31/2023 8:07 PM
2	Waste materials	7/31/2023 9:14 AM
3	Grasslands	7/30/2023 3:01 PM
4	Infestations of invasive alien shrubs and trees	7/28/2023 3:21 PM
5	reeds	7/28/2023 11:06 AM
6	natural forest	7/27/2023 4:26 PM
7	Plantations/Orchards	7/27/2023 1:23 PM
8	Illegal burning of rubbish	7/27/2023 9:08 AM
9	Allien vegitation	7/27/2023 8:01 AM
10	Alien anvasives	7/26/2023 5:21 PM
11	Reed beds (Typha)	7/26/2023 3:17 PM
12	Exotics	7/26/2023 3:09 PM
13	Mainly unmanaged catchment areas	7/26/2023 2:54 PM
14	Aliens including Pine and Gum	7/26/2023 1:24 PM
15	grass	7/26/2023 12:52 PM

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16	Heavy fuels (invasive alien vegetation)	7/26/2023 11:42 AM
17	Crops	7/26/2023 11:08 AM
18	Forestry pine	7/26/2023 10:42 AM
19	Alien invasive plant species	7/26/2023 10:42 AM
20	Hakia	7/26/2023 10:31 AM
21	Urban Wildland interface	7/26/2023 10:00 AM
22	natural vegetation	7/26/2023 8:39 AM
23	Alien Invasives, light medium and heavy,	7/26/2023 8:31 AM
24	grasses	7/26/2023 8:26 AM
25	grasslands	7/26/2023 8:24 AM
26	Grass	7/26/2023 8:21 AM
27	Rooikrans	7/26/2023 8:21 AM
28	Cleared / felled alien vegetation	7/26/2023 7:57 AM
29	Fynbos	7/26/2023 7:57 AM
30	Forests	7/26/2023 7:24 AM
31	pine trees	7/26/2023 7:13 AM
32	Senescent reedbeds	7/26/2023 7:05 AM
33	Palmiet	7/25/2023 9:56 PM
34	Farmlands	7/25/2023 8:49 PM
35	acacia	7/25/2023 7:28 PM
36	Sugar Cane	7/25/2023 6:31 PM
37	Trees (not regularly)	7/25/2023 6:12 PM
38	Fynbos invaded by alien trees and shrubs	7/25/2023 6:08 PM
39	Urban edge environment	7/25/2023 6:01 PM
40	Gums	7/25/2023 5:29 PM
41	other alien vegetation	7/25/2023 4:31 PM
42	Fynbos	7/25/2023 1:21 PM
43	Stack/brush piles	7/19/2023 2:29 PM
44	Post Harvest Forest litter	7/18/2023 3:37 PM
45	Informal settlement homes!	7/17/2023 5:52 PM
46	INVADER EXCOTIC PLANTS AND TREES	7/17/2023 1:01 PM
47	alien vegetation	7/17/2023 10:36 AM
48	Agricultural crops (fallow land and annual wheat fields)	7/17/2023 8:16 AM
49	conservation areas	7/17/2023 7:17 AM
50	Trees	7/16/2023 4:57 PM
51	Informal Human Settlements	7/16/2023 11:02 AM
52	Pinus plantations	7/15/2023 12:22 PM
53	plantations	7/15/2023 7:53 AM
54	fynbos	7/14/2023 4:48 PM
55	Eco-tone areas of forest/fynbos	7/14/2023 3:40 PM
56	Indigenous bush	7/14/2023 1:59 PM

South Africa Wildland Fire Survey

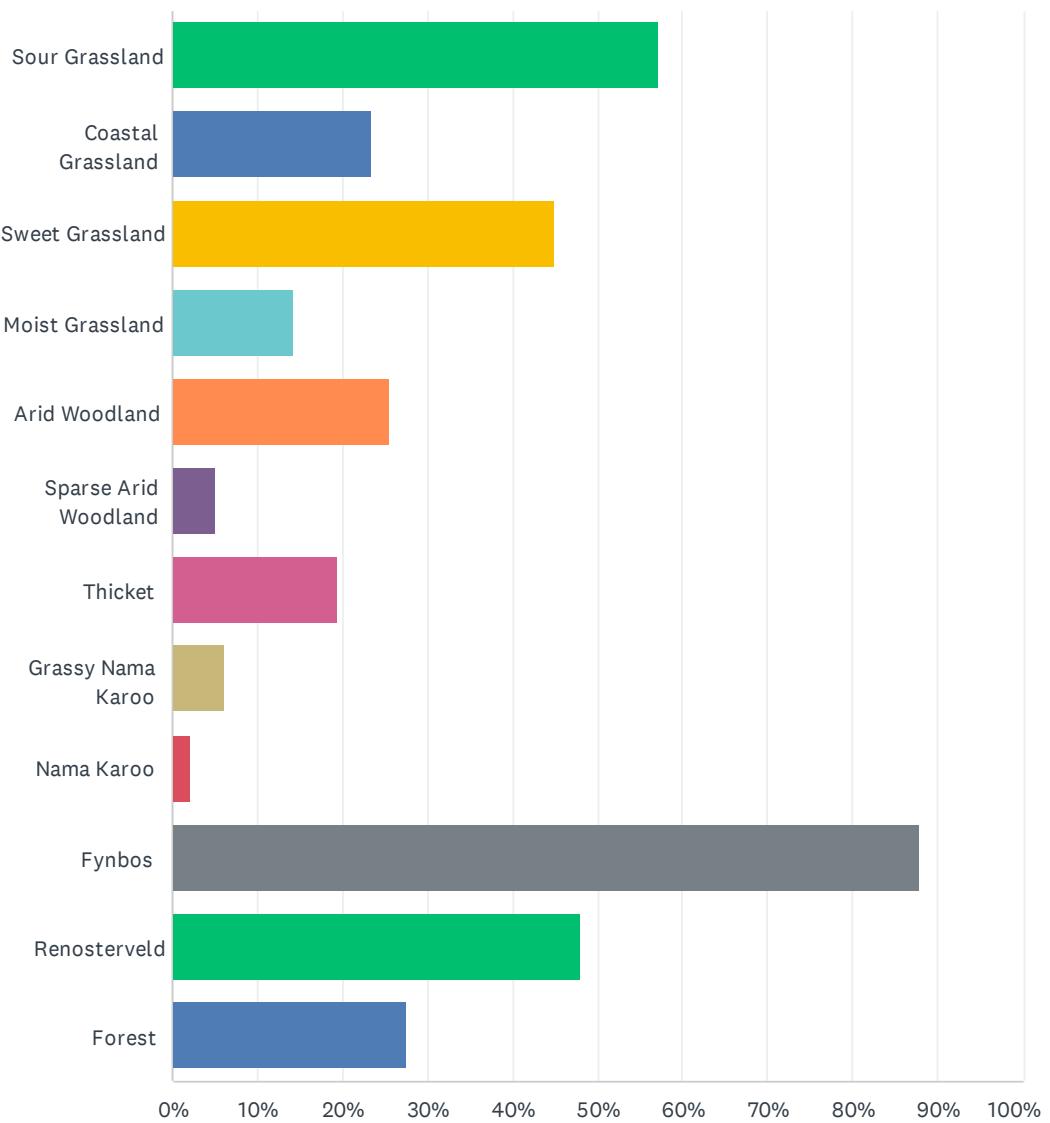
57	Pine/Eucalyptus plantations	7/14/2023 12:57 PM
58	Illegal dump sites	7/14/2023 10:30 AM
59	Cow manure	7/14/2023 9:18 AM
60	Grazing land on farms	7/14/2023 8:58 AM
61	Shrubs	7/13/2023 10:10 PM
62	Pine plantations	7/13/2023 6:43 PM
63	Crops	7/13/2023 4:51 PM
64	Agricultural crops - maize and sugar cane	7/13/2023 4:00 PM
65	wetlands	7/13/2023 2:56 PM
66	dangerous dead trees like Euphorbia ingens that explode and send sparks high into the air when burning	7/13/2023 1:22 PM
67	property	7/13/2023 1:13 PM
68	Grass	7/13/2023 12:56 PM
69	Wild Grasses	7/13/2023 12:50 PM
70	grass	7/13/2023 12:43 PM
71	Grazing areas	7/13/2023 12:16 PM
72	Veld	7/13/2023 12:14 PM
73	Pine plantations	7/13/2023 12:14 PM
#	4.	DATE
1	Farmland bordering natural vegetation	7/28/2023 3:21 PM
2	rooikrans	7/28/2023 11:06 AM
3	Uneducated children lighting fires for fun	7/27/2023 9:08 AM
4	Commercial Forestry Plantations	7/26/2023 5:21 PM
5	natural vegetation (fynbos)	7/26/2023 3:17 PM
6	Various Crops	7/26/2023 1:24 PM
7	commercial plantations	7/26/2023 12:52 PM
8	Harvested stubble lands	7/26/2023 11:08 AM
9	Renosterbos	7/26/2023 10:31 AM
10	Areas associated with informal settlements	7/26/2023 10:00 AM
11	Commercially introduced species, ie timber production Pinaster , medium to high	7/26/2023 8:31 AM
12	plantation	7/26/2023 8:26 AM
13	Plantation	7/26/2023 8:21 AM
14	Wattle	7/26/2023 8:21 AM
15	Houses built in the wrong place with thatch rooves!	7/26/2023 7:57 AM
16	Strandveld	7/26/2023 7:57 AM
17	Vinyards	7/26/2023 7:24 AM
18	bush and grass	7/26/2023 7:13 AM
19	Grass	7/25/2023 9:56 PM
20	hereroense	7/25/2023 7:28 PM
21	Plantations	7/25/2023 6:01 PM
22	Other eucalyptus	7/25/2023 5:29 PM
23	Grass	7/25/2023 1:21 PM

24	Dune slacks	7/19/2023 2:29 PM
25	grasses	7/17/2023 5:52 PM
26	WEEDS	7/17/2023 1:01 PM
27	some trees	7/17/2023 10:36 AM
28	Typha in wetland environments	7/17/2023 8:16 AM
29	community land	7/17/2023 7:17 AM
30	dumping sites	7/15/2023 7:53 AM
31	trees	7/14/2023 4:48 PM
32	Timber plantations in some instances.	7/14/2023 3:40 PM
33	Grasslands and grazing	7/14/2023 1:59 PM
34	green waste dump sites	7/14/2023 10:30 AM
35	Trees	7/13/2023 10:10 PM
36	forest edge	7/13/2023 2:56 PM
37	Wetlands into peat layers	7/13/2023 1:22 PM
38	fynbos	7/13/2023 1:13 PM
39	Crops - Wheat	7/13/2023 12:56 PM
40	Plantation trees	7/13/2023 12:50 PM
41	natural forest	7/13/2023 12:43 PM
42	Slopes	7/13/2023 12:14 PM
43	Renosterveld	7/13/2023 12:14 PM

Q16 Please identify 3 – 4 biomes that, in your opinion, burn most frequently?

Answered: 98 Skipped: 10

South Africa Wildland Fire Survey



ANSWER CHOICES	RESPONSES
Sour Grassland	57.14% 56
Coastal Grassland	23.47% 23
Sweet Grassland	44.90% 44
Moist Grassland	14.29% 14
Arid Woodland	25.51% 25
Sparse Arid Woodland	5.10% 5
Thicket	19.39% 19
Grassy Nama Karoo	6.12% 6
Nama Karoo	2.04% 2
Fynbos	87.76% 86
Renosterveld	47.96% 47
Forest	27.55% 27
Total Respondents: 98	

Q17 What are the top two causes of human-originated wildfires?

Answered: 98 Skipped: 10

ANSWER CHOICES		RESPONSES	
1.		100.00%	98
2.		100.00%	98

#	1.	DATE
1	Open fire	7/31/2023 8:49 PM
2	Mechanical - vehicle and equipment use	7/31/2023 8:07 PM
3	Arson	7/31/2023 9:14 AM
4	Accidental ignition.	7/30/2023 3:01 PM
5	Negligence when using fires in inappropriate places (high fuel loads) ather	7/28/2023 3:21 PM
6	Induced climate change and worsening fire weather conditions	7/28/2023 1:13 PM
7	Prescribed burns jumping	7/28/2023 11:29 AM
8	cooking open spaces	7/28/2023 11:06 AM
9	Braai fire	7/27/2023 5:34 PM
10	Cooking fires	7/27/2023 4:26 PM
11	Warming fires	7/27/2023 1:23 PM
12	Braais in uncontrolled area	7/27/2023 9:08 AM
13	Negligence	7/27/2023 8:01 AM
14	Burning for grazing	7/26/2023 5:21 PM
15	burning for improved livestock grazing	7/26/2023 3:17 PM
16	Negligence! Unattended camp fires (campers and vagrants)	7/26/2023 3:09 PM
17	Unmanaged open fires (camp fires)	7/26/2023 2:54 PM
18	Criminal Intent	7/26/2023 1:24 PM
19	malicious ignition	7/26/2023 12:52 PM
20	Badly managed or unmanaged fires for dealing with combustable waste	7/26/2023 11:46 AM
21	Accidental/unintentional	7/26/2023 11:42 AM
22	Cooking fires	7/26/2023 11:08 AM
23	Arson	7/26/2023 11:00 AM
24	Prescribed burning during unfavourable weather conditions	7/26/2023 10:42 AM
25	Negligence from land owners	7/26/2023 10:42 AM
26	Block burns that jump	7/26/2023 10:31 AM
27	Powerlines	7/26/2023 10:00 AM
28	Arson	7/26/2023 9:38 AM
29	warming/cooking fires left unattended	7/26/2023 9:35 AM
30	Burning of rubbish	7/26/2023 8:59 AM
31	Arrogance	7/26/2023 8:43 AM
32	arson	7/26/2023 8:39 AM

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33	Negligence-open fire not contained, careless discarding of ignition sources	7/26/2023 8:31 AM
34	cooking / heating fires	7/26/2023 8:26 AM
35	Negligence from recreational activities	7/26/2023 8:24 AM
36	Vagrant / Cooking Fires	7/26/2023 8:21 AM
37	negligence	7/26/2023 8:21 AM
38	Bush sleepers, people burning scrap, arson etc. (so many)	7/26/2023 7:57 AM
39	Homeless people cooking fires	7/26/2023 7:57 AM
40	Religious practice	7/26/2023 7:24 AM
41	discarding of lit cigarette butts	7/26/2023 7:13 AM
42	Arson	7/26/2023 7:05 AM
43	Emergency flairs	7/25/2023 9:56 PM
44	Malicious (intentional)	7/25/2023 8:49 PM
45	Roadside ignitions	7/25/2023 7:53 PM
46	campfires	7/25/2023 7:28 PM
47	Fires started to improves grazing/traditional approach that get out of control	7/25/2023 7:10 PM
48	Arson	7/25/2023 6:31 PM
49	Escape of local burns (including braais)	7/25/2023 6:17 PM
50	arsen	7/25/2023 6:12 PM
51	Deliberate burning for a range of reasons	7/25/2023 6:08 PM
52	Negligence	7/25/2023 6:01 PM
53	People living in the bush.	7/25/2023 5:29 PM
54	Camping	7/25/2023 5:10 PM
55	Wilful fire starting	7/25/2023 4:31 PM
56	smoking	7/25/2023 4:24 PM
57	Copper wire burning	7/25/2023 1:21 PM
58	Land invasion/human settlements in wildfire prone areas	7/21/2023 9:21 AM
59	Negligence	7/19/2023 3:37 PM
60	Arson/intentional ignition	7/19/2023 2:29 PM
61	Copper burning in urban areas	7/19/2023 9:17 AM
62	Property Owners burning fuels under the wrong conditions which escape	7/18/2023 3:37 PM
63	Arson	7/18/2023 12:51 PM
64	land management - burning for grazing, clean lands for planting etc.	7/17/2023 5:52 PM
65	arson	7/17/2023 4:49 PM
66	NEGILISENCE AND MILISCHOUS BURNS AS PART OF CRIME	7/17/2023 1:01 PM
67	pyromaniacs	7/17/2023 10:36 AM
68	Arson with malicious intent	7/17/2023 8:16 AM
69	malicious intentional ignitions	7/17/2023 7:17 AM
70	Cigarette butts discarded irresponsibly	7/16/2023 4:57 PM
71	Neglegence	7/16/2023 11:02 AM
72	unsupervised cooking fires in rural villages	7/15/2023 12:22 PM
73	negligence	7/15/2023 7:53 AM

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74	Arson	7/14/2023 4:48 PM
75	Grazing needs	7/14/2023 3:40 PM
76	political unrest	7/14/2023 1:59 PM
77	Negligence (warming/cooking fires)	7/14/2023 12:57 PM
78	General negligence by landowners during work operations	7/14/2023 12:00 PM
79	Negligence	7/14/2023 10:30 AM
80	Stupidity	7/14/2023 10:24 AM
81	Arson	7/14/2023 9:18 AM
82	Cooking fires left to burn out	7/14/2023 8:58 AM
83	Arson	7/13/2023 10:10 PM
84	Malicious acts	7/13/2023 6:43 PM
85	Ignorance	7/13/2023 4:51 PM
86	Arson	7/13/2023 4:00 PM
87	intended ignition	7/13/2023 2:56 PM
88	Arson	7/13/2023 2:06 PM
89	Arson	7/13/2023 1:26 PM
90	Arson	7/13/2023 1:22 PM
91	arson	7/13/2023 1:13 PM
92	Open fires for cooking	7/13/2023 12:56 PM
93	Cooking fires	7/13/2023 12:50 PM
94	salary dispute	7/13/2023 12:43 PM
95	Arson	7/13/2023 12:16 PM
96	Negligence	7/13/2023 12:14 PM
97	Vagrant fires	7/13/2023 12:14 PM
98	accidental ignitions	7/7/2023 4:38 PM
#	2.	DATE
1	Sigaret	7/31/2023 8:49 PM
2	Careless with domestic fire use	7/31/2023 8:07 PM
3	Poor burn management	7/31/2023 9:14 AM
4	Careless management of rubbish, etc fires which often spread.	7/30/2023 3:01 PM
5	Negligence when using fire when fire danger weather is high	7/28/2023 3:21 PM
6	Arson	7/28/2023 1:13 PM
7	Burning for grazing	7/28/2023 11:29 AM
8	unattended fires	7/28/2023 11:06 AM
9	Millicious fire starting	7/27/2023 5:34 PM
10	accidental	7/27/2023 4:26 PM
11	Burning refuse	7/27/2023 1:23 PM
12	Burning of rubbish	7/27/2023 9:08 AM
13	Uncontrolled fires	7/27/2023 8:01 AM
14	Honey hunting	7/26/2023 5:21 PM
15	clearing for settlements	7/26/2023 3:17 PM

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16	Contractors working in high risk areas	7/26/2023 3:09 PM
17	Thrown away Cigarettes	7/26/2023 2:54 PM
18	Careless lighting of recreational Fires	7/26/2023 1:24 PM
19	negligence with cooking and warming fires	7/26/2023 12:52 PM
20	Controlled burns with unpredicted changes in weather	7/26/2023 11:46 AM
21	Malicious intent	7/26/2023 11:42 AM
22	Runaway "controlled" fires (ecological / fuel reduction)	7/26/2023 11:08 AM
23	Cooking Fires	7/26/2023 11:00 AM
24	Arson	7/26/2023 10:42 AM
25	Vagrants making cooking or heating fires	7/26/2023 10:42 AM
26	ESKOM power lines	7/26/2023 10:31 AM
27	negligence	7/26/2023 10:00 AM
28	Negligence (un-educated humans on fire behavior)	7/26/2023 9:38 AM
29	deliberate due to various unlawful activities	7/26/2023 9:35 AM
30	Hotwork	7/26/2023 8:59 AM
31	Incompetence	7/26/2023 8:43 AM
32	negligence	7/26/2023 8:39 AM
33	Intentional-deliberate fire setting	7/26/2023 8:31 AM
34	arson (often bored children)	7/26/2023 8:26 AM
35	Livestock farmers burning for "green flush"	7/26/2023 8:24 AM
36	Arson	7/26/2023 8:21 AM
37	malicious ignition	7/26/2023 8:21 AM
38	Ecological management (specifically in the City)	7/26/2023 7:57 AM
39	Cigarettes thrown from window of car igniting road side vegetation	7/26/2023 7:57 AM
40	Ignorance	7/26/2023 7:24 AM
41	fires used for cooking not properly extinguished afterwards	7/26/2023 7:13 AM
42	Paraffin lamps	7/26/2023 7:05 AM
43	Escape Fires	7/25/2023 9:56 PM
44	Mechanical	7/25/2023 8:49 PM
45	Urban ignitions	7/25/2023 7:53 PM
46	arson	7/25/2023 7:28 PM
47	arson	7/25/2023 7:10 PM
48	Hunting	7/25/2023 6:31 PM
49	Arson	7/25/2023 6:17 PM
50	cigarette buts dropped accidentally	7/25/2023 6:12 PM
51	Cooking fires	7/25/2023 6:08 PM
52	Incendiaryism	7/25/2023 6:01 PM
53	People making recreational fires.	7/25/2023 5:29 PM
54	Direct arson	7/25/2023 5:10 PM
55	Negligence - informal settlement areas or unattended fires	7/25/2023 4:31 PM
56	burning of waste	7/25/2023 4:24 PM

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57	Rubbish fire	7/25/2023 1:21 PM
58	Setting vegetation alight intentionally	7/21/2023 9:21 AM
59	Arson	7/19/2023 3:37 PM
60	Land clearing	7/19/2023 2:29 PM
61	Arson during holiday periods by children	7/19/2023 9:17 AM
62	In our areas we have many arson fires which are as a result of disputes between employers and employees	7/18/2023 3:37 PM
63	Neglegence	7/18/2023 12:51 PM
64	negligence - open fire cooking, heating, burning rubbish	7/17/2023 5:52 PM
65	carlessness	7/17/2023 4:49 PM
66	BURN GRASS IN WINTER TO HAVE EARLY GREEN GRASS FOR CATTLE IN SPRING	7/17/2023 1:01 PM
67	negligence	7/17/2023 10:36 AM
68	Run away controlled/prescribed burns	7/17/2023 8:16 AM
69	ignorance	7/17/2023 7:17 AM
70	Unsupervised campfires	7/16/2023 4:57 PM
71	lack of education	7/16/2023 11:02 AM
72	unintentional road verge fires (sparks, cigarettes, etc.)	7/15/2023 12:22 PM
73	lack of awareness of threat of fires	7/15/2023 7:53 AM
74	Negligence - burning waste and barbeque fires not extinguished	7/14/2023 4:48 PM
75	Escapee fires (braai, warmth) + arson etc.	7/14/2023 3:40 PM
76	Ignorance and lack of accountability	7/14/2023 1:59 PM
77	Malicious ignitions	7/14/2023 12:57 PM
78	accidental fires	7/14/2023 12:00 PM
79	un educated persons	7/14/2023 10:30 AM
80	Misdirection to facilitate illegal activity.	7/14/2023 10:24 AM
81	Fires started for heating purposes becoming uncontrolled	7/14/2023 9:18 AM
82	Fires started at waiste disposal areas	7/14/2023 8:58 AM
83	Burning without permission on high FDI days	7/13/2023 10:10 PM
84	Negligence	7/13/2023 6:43 PM
85	Arson	7/13/2023 4:51 PM
86	Bee hunters	7/13/2023 4:00 PM
87	carelessness	7/13/2023 2:56 PM
88	Farming	7/13/2023 2:06 PM
89	Bee hunting	7/13/2023 1:26 PM
90	Illegal burning of refuse without permits especially when fire ban in placer	7/13/2023 1:22 PM
91	careless behaviour	7/13/2023 1:13 PM
92	Negligent in conducting work operations	7/13/2023 12:56 PM
93	Arson	7/13/2023 12:50 PM
94	arson	7/13/2023 12:43 PM
95	Controlled fires that spread	7/13/2023 12:16 PM
96	Protests	7/13/2023 12:14 PM
97	Naughty children	7/13/2023 12:14 PM

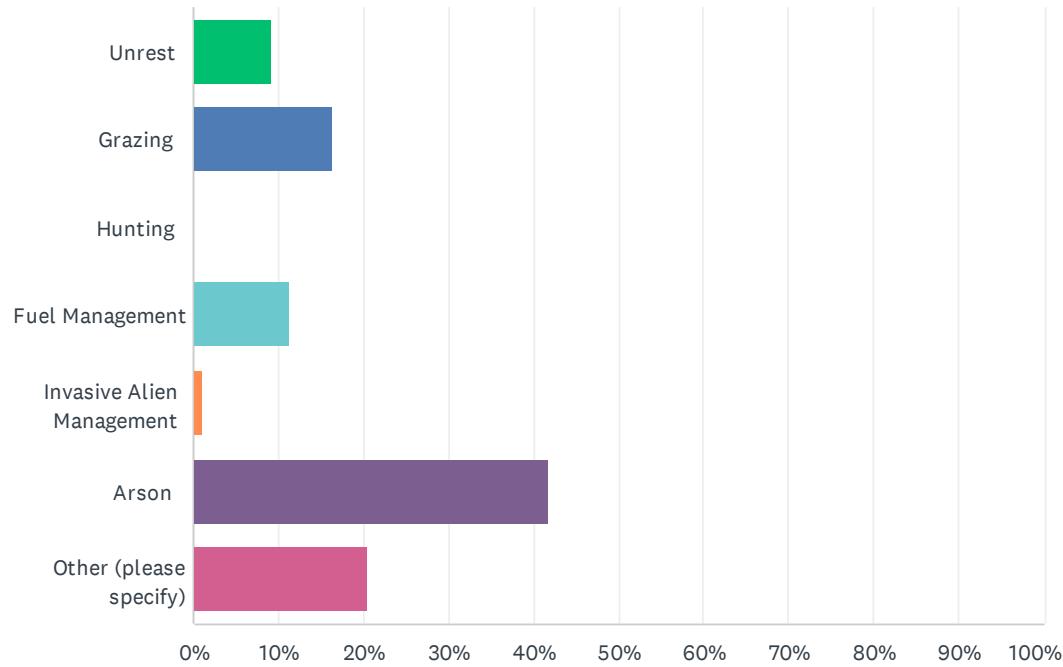
98

fuel reduction escapes

7/7/2023 4:38 PM

Q18 For fires that are set intentionally, what do you think is the "ignitors" intended purpose?

Answered: 98 Skipped: 10



ANSWER CHOICES		RESPONSES	
Unrest		9.18%	9
Grazing		16.33%	16
Hunting		0.00%	0
Fuel Management		11.22%	11
Invasive Alien Management		1.02%	1
Arson		41.84%	41
Other (please specify)		20.41%	20
TOTAL			98

#	OTHER (PLEASE SPECIFY)	DATE
1	Combination of many of the above. Arson perhaps due to a farm worker being laid off, controlled burn of alien vegetation gone wrong, rituals/customs, poor "on farm" burning of rubbish, stacks, etc	7/30/2023 3:01 PM
2	All of the above. In the case of protected areas, it would be to maintain the "natural" fire regime	7/28/2023 3:21 PM
3	Unrest and arson	7/28/2023 1:13 PM
4	Negligent kids lighting fire for fun	7/27/2023 9:08 AM
5	Negligence	7/26/2023 10:42 AM
6	Part of reed production. Reeds used for thatched roofs.	7/26/2023 10:31 AM

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7	various unlawful activities eg cable theft, unrest etc.	7/26/2023 9:35 AM
8	Combination of the above	7/26/2023 8:31 AM
9	Close to urban areas it is often bored children	7/26/2023 8:26 AM
10	can be all of the above	7/26/2023 8:21 AM
11	to cause chaos and obtain some weird type of fame	7/26/2023 7:57 AM
12	Housing together with unrest and grazing	7/25/2023 8:49 PM
13	Clearing for land occupation & keeping "private services" in business	7/25/2023 6:01 PM
14	Linked to protests, unrest and to clearing areas of vegetation for people to move onto and build dwellings on.	7/25/2023 5:29 PM
15	Others state that they are keeping snakes away from their homes.	7/25/2023 1:21 PM
16	Property damage and intimidation	7/16/2023 4:57 PM
17	All of the above	7/14/2023 4:48 PM
18	Negligence and poor operations by land owners	7/14/2023 12:00 PM
19	Misdirection to facilitate illegal activity.	7/14/2023 10:24 AM
20	Destruction of farmland	7/14/2023 8:58 AM

Q19 What positive ecological benefits result from wildland fire (e.g. species diversity, ecosystem processes, etc)?

Answered: 97 Skipped: 11

#	RESPONSES	DATE
1	Ecos system processes	7/31/2023 8:07 PM
2	Plant propagation and old plant clearing	7/31/2023 9:14 AM
3	Return of original and natural pioneer flora species, attracts the original fauna back	7/30/2023 3:01 PM
4	Maintaining the "natural" fire regime for that particular ecosystem	7/28/2023 3:21 PM
5	Diversity - fynbos is a fire driven ecosystem - but needs management	7/28/2023 1:13 PM
6	Bio Diversity	7/28/2023 11:29 AM
7	regrowth of new veld	7/28/2023 11:06 AM
8	Ecology vegetation control	7/27/2023 5:34 PM
9	species diversity regeneration of fynbos	7/27/2023 4:26 PM
10	Species diversity and Ecological processes if it happens at the right time of the year and at the right veld age.	7/27/2023 1:23 PM
11	Regrowth of natural indigenous plants	7/27/2023 9:08 AM
12	Help plant species to reproduce and grow	7/27/2023 8:01 AM
13	functioning ecosystems that developed with fire	7/26/2023 5:21 PM
14	species diversity, ecosystem processes, reduced fuel load, breaking of seed dormancy,	7/26/2023 3:17 PM
15	Improved biodiversity, improved ecosystem services, regeneration of young growth, fuel reduction, alien clearing method for thick stands of exotics	7/26/2023 3:09 PM
16	Seed dispersal and germination	7/26/2023 2:54 PM
17	ecosystem management	7/26/2023 1:24 PM
18	ecological processes and management of the fire regime	7/26/2023 12:52 PM
19	In cases invasive alien plants are cleared however these area need to have follow up	7/26/2023 11:46 AM

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treatment scheduled to deal with the regrowth. The problem is that often because the Wildfire is not a scheduled fire there is often no funding to undertake the follow up clearing needed. This is something that needs to be addressed.

20	Nutrient recycling (Ecosystem processes)	7/26/2023 11:42 AM
21	Biodiversity	7/26/2023 11:08 AM
22	Certain ecosystems require wildland fires for regeneration (e.g. Fynbos)	7/26/2023 11:00 AM
23	Increase in water flow from mountain catchments	7/26/2023 10:42 AM
24	Species diversity, ecosystem services	7/26/2023 10:42 AM
25	Fir is part of the natural fynbos regime.	7/26/2023 10:31 AM
26	ecosystem processes, diversity	7/26/2023 10:00 AM
27	Positive growth and sprouting of new species	7/26/2023 9:38 AM
28	bio-diversity, ecosystem improvement, improved grazing.	7/26/2023 9:35 AM
29	Habitat diversity	7/26/2023 8:59 AM
30	Re-generation of fynbos and species diversity	7/26/2023 8:43 AM
31	species diversity	7/26/2023 8:39 AM
32	Stimulates new growth, reduces "dead" organics.	7/26/2023 8:31 AM
33	Fynbos regeneration	7/26/2023 8:26 AM
34	species diversity	7/26/2023 8:24 AM
35	Revival of fire dependant biomes	7/26/2023 8:21 AM
36	regeneration - cleaning old dead material, reducing fuel load ect.	7/26/2023 8:21 AM
37	Critical ecosystem driving force in many systems.	7/26/2023 7:57 AM
38	if within appropriate fire regime, increased biodiversity, ecosystem health	7/26/2023 7:57 AM
39	Species diversity	7/26/2023 7:24 AM
40	In the Western Cape the fynbos reproduction	7/26/2023 7:13 AM
41	Species preservation ie. diversity	7/26/2023 7:05 AM
42	diversity	7/25/2023 9:56 PM
43	Some species have evolved to depend on fires for their reproduction.	7/25/2023 8:49 PM
44	All of the above at the scientifically recommended season and frequency for the vegetation type	7/25/2023 7:53 PM
45	seed distribution, fertilization, re-growth	7/25/2023 7:28 PM
46	Fire benefits ecosystems and species adapted to fire.	7/25/2023 7:10 PM
47	Species diversity	7/25/2023 6:31 PM
48	Regeneration of selected species	7/25/2023 6:17 PM
49	Maintains healthy balance and diversity of species.	7/25/2023 6:12 PM
50	Rejuvenation of fire-dependent species	7/25/2023 6:08 PM
51	Species diversity and longevity	7/25/2023 6:01 PM
52	Species regrowth and regeneration.	7/25/2023 5:29 PM
53	Ecosystem function	7/25/2023 5:10 PM
54	Eco system rejuvenation	7/25/2023 4:31 PM
55	new species, new grass	7/25/2023 4:24 PM
56	New growth for animal grazing and browsing, and also maintenance of an ecosystem if fire driven.	7/25/2023 1:21 PM
57	If the wildfire takes place in the correct frequencies aligned with the specific vegetation type,	7/21/2023 9:21 AM

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it conserves the unique biodiversity and ecological processes of the country.

58	Fynbos is a fire driven ecosystem	7/19/2023 3:37 PM
59	Stimulates successional ecological processes, seed germination and opens up microhabitats for herbivory	7/19/2023 2:29 PM
60	Species diversity, mosaic of veld ages	7/19/2023 9:17 AM
61	In the sourveld regions of Mpumalanga ,the old moribund material is removed allowing the decreases grassers to grow and recover	7/18/2023 3:37 PM
62	Species diversity, fuel load management	7/18/2023 12:51 PM
63	you said it!	7/17/2023 5:52 PM
64	species diversity, ecosystem processes, habitat renewal	7/17/2023 4:49 PM
65	GETTING RID ON OLD GRASS THAT IS NOT NICE TO EAT FOR ANIMALS	7/17/2023 1:01 PM
66	regeneration of fynbos which is adapted for fire	7/17/2023 10:36 AM
67	Natural ecosystem processes in the Fynbos biome postively impacting ecosystem servies. Fuel laod and risk reduction. Invasive alien vegetation management.	7/17/2023 8:16 AM
68	fuel load reduction	7/17/2023 7:17 AM
69	To clear out dead organic material. Eliminate diseased plants.	7/16/2023 4:57 PM
70	Species diversity, reduce fuel load, improve water catchment	7/16/2023 11:02 AM
71	increased carrying capacity for grazers	7/15/2023 12:22 PM
72	rejuvenation and recruitment	7/15/2023 7:53 AM
73	Maintaining ecological processes in fire adapted veld including species diversity	7/14/2023 4:48 PM
74	Species diversity in fire dependant ecosystems	7/14/2023 3:40 PM
75	Some indigenous plants can only survive if there are regular fires	7/14/2023 1:59 PM
76	Natural Eco-system rejuvenation (correct fire regime)	7/14/2023 12:57 PM
77	Fynbos is a fuire driven ecosystem it does not function properly without it	7/14/2023 12:00 PM
78	regrowth, reduction f alien vegetation	7/14/2023 10:30 AM
79	Biodiversity	7/14/2023 10:24 AM
80	Renewal of ecosystem	7/14/2023 9:18 AM
81	Fynbos needs to burn regularly to procreate	7/14/2023 8:58 AM
82	Removing invasive spesies	7/13/2023 10:10 PM
83	Ecological	7/13/2023 6:43 PM
84	biodiversity and renewal of grassland vigor	7/13/2023 4:51 PM
85	Maintenance of ecological diversity	7/13/2023 4:00 PM
86	habitat vigour	7/13/2023 2:56 PM
87	Ecosystem renewal	7/13/2023 2:06 PM
88	Improved grazing	7/13/2023 1:26 PM
89	Rejuvination and reduce fire load when done correctly and a cool fire	7/13/2023 1:22 PM
90	species diversity and conservation	7/13/2023 1:13 PM
91	Healthy fire dependent ecosystems, preservation of species	7/13/2023 12:56 PM
92	Re-growth, seeding, clearing of old growth	7/13/2023 12:50 PM
93	fynbos growth	7/13/2023 12:43 PM
94	Species diversity and increase in ecosystem services	7/13/2023 12:16 PM
95	new growth on certain species	7/13/2023 12:14 PM

96	Species diversity	7/13/2023 12:14 PM
97	ecological renewal	7/7/2023 4:38 PM

Q20 What negative ecological effects result from wildland fire?

Answered: 97 Skipped: 11

#	RESPONSES	DATE
1	Loss of eco system services	7/31/2023 8:07 PM
2	Too frequent burning strips indigenous seed banks	7/31/2023 9:14 AM
3	Erosion, dust, death of natural flora and fauna, etc.	7/30/2023 3:01 PM
4	Depending on the frequency and season wildfires could change the "natural" fire regime resulting in a loss of biodiversity and altering the structure and functioning of the ecosystems	7/28/2023 3:21 PM
5	Loss of species diversity, alien plant invasion, catchment degradation	7/28/2023 1:13 PM
6	Damage to long biological cycles	7/28/2023 11:29 AM
7	erosion	7/28/2023 11:06 AM
8	Soil erosion	7/27/2023 5:34 PM
9	change in vegetation type fires occur too frequently	7/27/2023 4:26 PM
10	Loss of species, Habitat destrcutions.	7/27/2023 1:23 PM
11	Damage to private property and erosion	7/27/2023 9:08 AM
12	Soil erosion	7/27/2023 8:01 AM
13	loss of diversity due to over utilization	7/26/2023 5:21 PM
14	soil erosion, reduced biodiversity, animal death,	7/26/2023 3:17 PM
15	Too frequent fires, may lead to biodiversity loss. Too intense fire may damage soil and hinder vegetation restoration	7/26/2023 3:09 PM
16	Loss of species through too many consecutive fires	7/26/2023 2:54 PM
17	disruption of animal habitat and vegetation damage	7/26/2023 1:24 PM
18	alien vegetation rejuvenation, erosion through increase runoff	7/26/2023 12:52 PM
19	Too frequent fires could result in loss or decline in species diversity.	7/26/2023 11:46 AM
20	Species composition and species loss can occur	7/26/2023 11:42 AM
21	Too frequent fires changes ecosystems	7/26/2023 11:08 AM
22	Certain ecosystems are burnt too often resulting in the takeover of invader species	7/26/2023 11:00 AM
23	Invasive alien plants	7/26/2023 10:42 AM
24	Loss of biodiversity with to infrequent fires	7/26/2023 10:42 AM
25	Erosion after fires	7/26/2023 10:31 AM
26	IAP densification and spread, erosion, local plant extinctions in shortened and unseasonal fire cycles	7/26/2023 10:00 AM
27	Restriction of new growth or complete extinction of fauna	7/26/2023 9:38 AM
28	altered natural vegetation due to increased frequency of fires	7/26/2023 9:35 AM
29	Air pollution	7/26/2023 8:59 AM
30	Loss of species in too frequent fires	7/26/2023 8:43 AM
31	species destruction	7/26/2023 8:39 AM
32	Alteration of soil property leading to erosion, stimulation of Alien Invasive growth.lien	7/26/2023 8:31 AM

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33	too frequent burning allows invasive species to outcompete indigenous species	7/26/2023 8:26 AM
34	If fire is used too frequently it will result in loss of species biodiversity and soil composition	7/26/2023 8:24 AM
35	To frequent fires or too hot fires causes species loss	7/26/2023 8:21 AM
36	to frequent burn can lead to specy losses/ contribute to air pollution (green house gasses) ect	7/26/2023 8:21 AM
37	Too frequent, unseasonal or too intense (from alien vegetation biomass). Some ecosystems should not burn.	7/26/2023 7:57 AM
38	too frequent fires may cause local extinction of species	7/26/2023 7:57 AM
39	Destruction of ecosystems	7/26/2023 7:24 AM
40	Wildland fires often lead to infrastructure and building damage	7/26/2023 7:13 AM
41	Faunal mortality (too hot or trapped)	7/26/2023 7:05 AM
42	frequent fire, loss of species	7/25/2023 9:56 PM
43	If fire interval is too short then some species can be lost.	7/25/2023 8:49 PM
44	If at the incorrect frequency, loss of biodiversity and increased risk of runaway fires	7/25/2023 7:53 PM
45	destruction of habitat, pollutants	7/25/2023 7:28 PM
46	can promote dense infestation of invasive alien plants that benefit from fire such as providing widows of opportunity for germination and rapid spread and growth.	7/25/2023 7:10 PM
47	Damage to grasses with Hot burns	7/25/2023 6:31 PM
48	Inability to regenerate because of no seed stock in soil	7/25/2023 6:17 PM
49	Fires which occur too regularly / are very hot damage climax species, particularly large trees.	7/25/2023 6:12 PM
50	Fires that are too frequent eliminate some species; also spread of alien plants	7/25/2023 6:08 PM
51	Denuding of natural habitat - dying out of species	7/25/2023 6:01 PM
52	Loss of species and land instability.	7/25/2023 5:29 PM
53	Too frequent fires can stunt species diversity	7/25/2023 5:10 PM
54	Biodiversity loss and inability for indigenous vegetation to re-establish after intense alien vegetation fires	7/25/2023 4:31 PM
55	erosion	7/25/2023 4:24 PM
56	Species loss	7/25/2023 1:21 PM
57	Too frequent fires interferes with the vegetation structure, and may lead to species loss, erosion and damage the ecological process.	7/21/2023 9:21 AM
58	Change in vegetation structure and composition	7/19/2023 3:37 PM
59	If fuel load is too high, seedbanks and geophytes can be lost, too frequent burning can lead to diversity loss due to excessive disturbance	7/19/2023 2:29 PM
60	species loss due to frequent fires	7/19/2023 9:17 AM
61	In our area frequent fires are required due to the high rainfall and high annual fuel loads. Fire is a positive driver. In lower rainfall areas frequent fires are damaging.	7/18/2023 3:37 PM
62	Spread of aliens and erosion	7/18/2023 12:51 PM
63	species loss, erosion, general degradation from too frequent fires	7/17/2023 5:52 PM
64	loss of species diversity, ecosystem processes and habitat	7/17/2023 4:49 PM
65	TO MUCH BURNING YEAR AFTER YEAR OF THE SAME AREA, CAUSE THE DEGRADATION OF THAT VELD AND THE CHANGING OF THE VELD TYPE	7/17/2023 1:01 PM
66	the loss of animal life	7/17/2023 10:36 AM
67	Loss of agricultural crops. Loss life and property	7/17/2023 8:16 AM
68	erosion	7/17/2023 7:17 AM

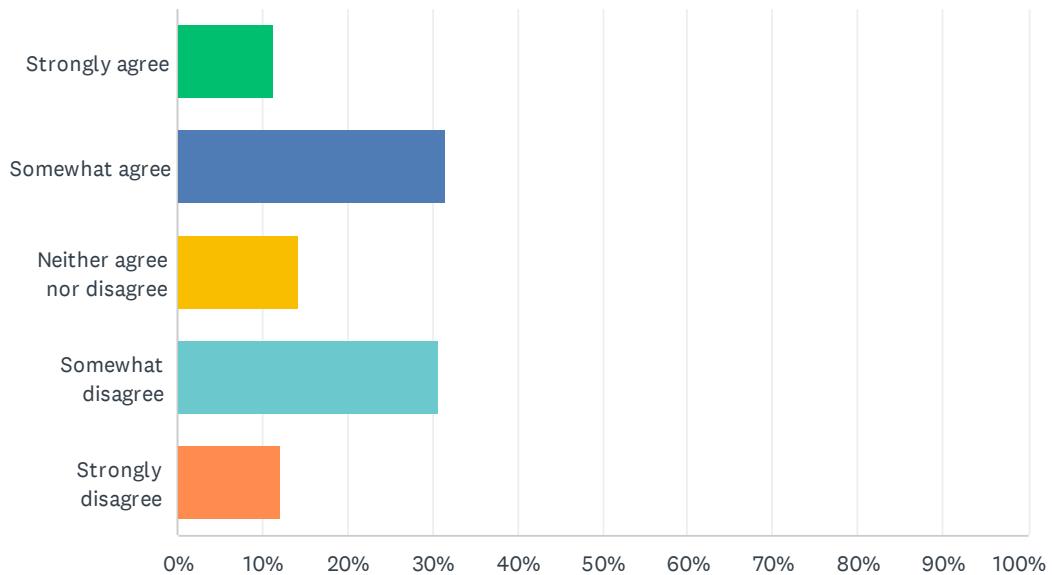
South Africa Wildland Fire Survey

69	Pollution	7/16/2023 4:57 PM
70	Erosion, loss of soil, loss of diversity	7/16/2023 11:02 AM
71	bush encroachment and loss of biodiversity.	7/15/2023 12:22 PM
72	too frequent and out of season fires have a negative effect on biodiversity	7/15/2023 7:53 AM
73	Species reduction or even extinction where fires are too hot or too frequent	7/14/2023 4:48 PM
74	loss of species and habitat - when burnt too frequently	7/14/2023 3:40 PM
75	Too frequent fires do not allow natural regrowth	7/14/2023 1:59 PM
76	Natural Eco-system damage (incorrect fire regime)	7/14/2023 12:57 PM
77	Too frequent fires, out of season fires, intense fires due to alien invasive woody species.	7/14/2023 12:00 PM
78	sterilization of soil, soil erosion, destruction of property and eco systems	7/14/2023 10:30 AM
79	If an area burns too often, it becomes homogenous	7/14/2023 10:24 AM
80	Loss of biodiversity, erosion	7/14/2023 9:18 AM
81	Destruction of endangered species	7/14/2023 8:58 AM
82	Destruction of soil and sensitive species	7/13/2023 10:10 PM
83	Degradation of indigenous ecosystems	7/13/2023 6:43 PM
84	biodiversity decline during untimely fires	7/13/2023 4:51 PM
85	Bare soils, damaged organic carbons and increased erosion	7/13/2023 4:00 PM
86	habitat composition modification	7/13/2023 2:56 PM
87	Alien vegetation, soil erosion	7/13/2023 2:06 PM
88	Eco system breakdown	7/13/2023 1:26 PM
89	Destroy wildlife, trees from regular yearly hot burns, destroys grazing	7/13/2023 1:22 PM
90	air pollution leading to human health issues	7/13/2023 1:13 PM
91	Destroying ecological sensitive or endangered ecosystems and species, destroying water catchment areas	7/13/2023 12:56 PM
92	Destruction of sensitive / young plants and animals	7/13/2023 12:50 PM
93	destroying of natural forest/infrastructure	7/13/2023 12:43 PM
94	Decrease in ecosystem services	7/13/2023 12:16 PM
95	Loss of ground cover and allows for ground sliding	7/13/2023 12:14 PM
96	Species loss	7/13/2023 12:14 PM
97	opportunity for invasive species to gain a foothold	7/7/2023 4:38 PM

Q21 There is sufficient wildland fire related research in South Africa

Answered: 98 Skipped: 10

South Africa Wildland Fire Survey



ANSWER CHOICES	RESPONSES	
Strongly agree	11.22%	11
Somewhat agree	31.63%	31
Neither agree nor disagree	14.29%	14
Somewhat disagree	30.61%	30
Strongly disagree	12.24%	12
TOTAL		98

Q22 If you think there is insufficient wildland fire related research in South Africa, which topics would you suggest for further study?

Answered: 71 Skipped: 37

ANSWER CHOICES	RESPONSES	
1.	100.00%	71
2.	73.24%	52
3.	53.52%	38
4.	38.03%	27

#	1.	DATE
1	Disemenation of information	7/31/2023 8:07 PM
2	Improving fire risk assessments	7/28/2023 3:21 PM
3	Climate change impacts	7/28/2023 1:13 PM
4	Management of alien invasives with fire	7/28/2023 11:29 AM
5	wildfire investigator in every AHJ	7/28/2023 11:06 AM
6	Fire breaks	7/27/2023 5:34 PM
7	Fire return intervals and the effects on species distrobuton	7/27/2023 1:23 PM

South Africa Wildland Fire Survey

8	Education of populous	7/27/2023 9:08 AM
9	Thread to natural resources	7/27/2023 8:01 AM
10	Preventing disaster fires	7/26/2023 5:21 PM
11	N/A	7/26/2023 3:09 PM
12	Human and Wildland co-existance	7/26/2023 1:24 PM
13	WUI related fires	7/26/2023 12:52 PM
14	How to manage a wild fire to allow it to burn invasive plants in the fire path. Often wild fires are fought even if they are burning or are going to burn invasive plants.	7/26/2023 11:46 AM
15	Fire behavior modelling	7/26/2023 11:42 AM
16	PROSECUTION / LIABILITY OF PERPURTATORS	7/26/2023 11:08 AM
17	Control of invasive alien vegetation	7/26/2023 10:42 AM
18	Fuel load models	7/26/2023 10:42 AM
19	The impact of invasive alien plants on fire in SA	7/26/2023 10:31 AM
20	To educate farmers on fuel reduction and land management	7/26/2023 9:38 AM
21	Effects of changing weather patterns on fire frequency and behaviour	7/26/2023 9:35 AM
22	Impact of fires on invasive species management	7/26/2023 8:59 AM
23	Interaction between fire people and ecology	7/26/2023 8:39 AM
24	N/A	7/26/2023 8:21 AM
25	Ideal ecological fire regimes for some systems is not known.	7/26/2023 7:57 AM
26	Effects drip torch fuel has on vegetation types, alternative ignition sources	7/26/2023 7:57 AM
27	Benefits of integrated management	7/26/2023 7:24 AM
28	Wildland Fire prevention	7/26/2023 7:13 AM
29	Psychology behind arson	7/26/2023 7:05 AM
30	Suppression techniques	7/25/2023 9:56 PM
31	Why there is collective action failure	7/25/2023 7:53 PM
32	Detailed learning from past fire profiles	7/25/2023 6:17 PM
33	Effects of fire on species composition in different biomes.	7/25/2023 6:12 PM
34	Guidelines for prescribed burning	7/25/2023 6:08 PM
35	Bio-diversity management for structural firefighters	7/25/2023 6:01 PM
36	Rate of spread modelling	7/25/2023 5:29 PM
37	NA	7/25/2023 4:31 PM
38	Invasive Alien Vegetation within the grassland biome and its impact on fire management	7/25/2023 1:21 PM
39	More detail on specific fire regimes and impacts of poor fire management	7/19/2023 2:29 PM
40	The effects of Elephant and Fire on controlling Bush encroachment	7/18/2023 3:37 PM
41	Fire management systems in rural areas	7/18/2023 12:51 PM
42	quantifying economic impacts/ loss and damage	7/17/2023 5:52 PM
43	education of wider population	7/17/2023 4:49 PM
44	CHEAPER, EASIER WAYS TO MAKE FIRE BREAKS THAN BURNING FIRE BREAKS	7/17/2023 1:01 PM
45	The types of root systems that carry the fires underground	7/17/2023 10:36 AM
46	Near real time remote sensing of wildfires	7/17/2023 8:16 AM
47	rotational burning	7/17/2023 7:17 AM
48	Prevention of wildland fires	7/16/2023 4:57 PM

South Africa Wildland Fire Survey

49	Renosterveld fire management	7/16/2023 11:02 AM
50	nutrient pathways (edaphics to primary production)	7/15/2023 12:22 PM
51	integrating fire and invasive alien vegetation management	7/15/2023 7:53 AM
52	Effect of traditional annual burning on coastal grassland species	7/14/2023 4:48 PM
53	Mountain catchment fire management	7/14/2023 3:40 PM
54	Educate the indigenous populations	7/14/2023 1:59 PM
55	Fire behaviour	7/14/2023 12:57 PM
56	Fire behaviour and fuel models	7/14/2023 12:00 PM
57	Local environments	7/14/2023 10:30 AM
58	Milkwood forest and wildfire function	7/14/2023 10:24 AM
59	NA	7/14/2023 9:18 AM
60	Invasive alien species and the effect thereof on wildfires	7/14/2023 8:58 AM
61	Involvement of Traditional Authorities	7/13/2023 10:10 PM
62	Time of year to burn	7/13/2023 6:43 PM
63	the use of fire to control invasive aliens	7/13/2023 4:51 PM
64	Impacts of fire on the rural-urban interface	7/13/2023 4:00 PM
65	impact of wildland fire on vertebrates	7/13/2023 2:56 PM
66	Legislation to support prescribed burns	7/13/2023 2:06 PM
67	Causes of unwanted fires	7/13/2023 1:26 PM
68	Fuel load reduction strategies for the different biomes	7/13/2023 12:56 PM
69	Impact of large fires on ecosystem services	7/13/2023 12:16 PM
70	Urban interface fires, Gauteng areas	7/13/2023 12:14 PM
71	Fuel models	7/13/2023 12:14 PM
#	2.	DATE
1	Operational implementation	7/31/2023 8:07 PM
2	Improving fire danger forecasting	7/28/2023 3:21 PM
3	Beter informant in local municipalities	7/28/2023 11:06 AM
4	Fighting methods	7/27/2023 5:34 PM
5	Effects of fire on Invasive alien plants	7/27/2023 1:23 PM
6	Harsher fines for wrongful setting of fires	7/27/2023 9:08 AM
7	Understanding how fires spread and burn in vegetative fuels	7/27/2023 8:01 AM
8	Urban interface	7/26/2023 5:21 PM
9	Effect of policing and penalties on neglected properties	7/26/2023 1:24 PM
10	impact of uncontrolled land grabs and establishment of informal settlements	7/26/2023 12:52 PM
11	Fire Risk Identification	7/26/2023 11:42 AM
12	Ignition causes	7/26/2023 11:08 AM
13	Long term impacts of climate change	7/26/2023 10:42 AM
14	Early detection	7/26/2023 10:42 AM
15	Where should the wildland fire management function reside?	7/26/2023 10:31 AM
16	risk vs reward for prescribed burning	7/26/2023 9:35 AM
17	Optimising the relationship between fire, alien vegetation management and restoration	7/26/2023 7:57 AM

South Africa Wildland Fire Survey

18	Alignment of legislation and prosecutions	7/26/2023 7:24 AM
19	Plant species which could be natural buffers	7/26/2023 7:13 AM
20	Educate people living near nature areas	7/26/2023 7:05 AM
21	Type of training presented to firefighters	7/25/2023 9:56 PM
22	How to improve collective action	7/25/2023 7:53 PM
23	The social psyche attached to fires and how to change this	7/25/2023 6:17 PM
24	Change in the effect depending on how often a fire occurs and how hot it is.	7/25/2023 6:12 PM
25	Fuel type modelling	7/25/2023 5:29 PM
26	The impact of natural fires on Protea nerifolia	7/25/2023 1:21 PM
27	More work on using prescribed Fire on Alien invasive plants	7/18/2023 3:37 PM
28	Effect of climate change on fire risk	7/18/2023 12:51 PM
29	building an argument for the "non -catastrophe" by proving the value of education and prevention	7/17/2023 5:52 PM
30	encroachment of urban sprawl	7/17/2023 4:49 PM
31	HOW TO GET APATIC PUBLIC INVOLVE IN FIRE FIGHTING ORGINAZATIONS AND STRUCTURE	7/17/2023 1:01 PM
32	the role played by insects, especially ants in bring seeds to the surface after a fire	7/17/2023 10:36 AM
33	Provision of open source wildfire spatial and attribute datasets	7/17/2023 8:16 AM
34	weather patterns	7/17/2023 7:17 AM
35	Mitigate consequences of wildland fires	7/16/2023 4:57 PM
36	optimum fuel loads to achieve objectives	7/15/2023 12:22 PM
37	thresholds of potential concern for coastal fynbos, renosterveld	7/15/2023 7:53 AM
38	Traditional burning practices in SA biomes	7/14/2023 4:48 PM
39	Adaptive interference fires in high risk area.	7/14/2023 3:40 PM
40	Start fire awareness programs	7/14/2023 1:59 PM
41	Fire management techniques	7/14/2023 12:57 PM
42	What works in terms of intergrated fire management	7/14/2023 12:00 PM
43	local fuel loads	7/14/2023 10:30 AM
44	Controlled burning,where,when and how	7/14/2023 8:58 AM
45	Community relations and awareness	7/13/2023 10:10 PM
46	Impact of heat on seedbeds	7/13/2023 6:43 PM
47	Fuel load management in agriculture and forestry	7/13/2023 4:00 PM
48	The frequency and seasonality of fire in ecosystems	7/13/2023 2:06 PM
49	Best methods for combatting fires in different biomes	7/13/2023 12:56 PM
50	Effect of extinguishing all fires within an hour	7/13/2023 12:16 PM
51	Information or reports sharing not always accessible for use for further research	7/13/2023 12:14 PM
52	Rate of spread models	7/13/2023 12:14 PM
#	3.	DATE
1	Techniques for distilling learning from damaging wildfires and incorporating such learning into policy and best practice	7/28/2023 3:21 PM
2	support of the justice department stiffer fines	7/28/2023 11:06 AM
3	Species adaptation to fire.	7/27/2023 1:23 PM

South Africa Wildland Fire Survey

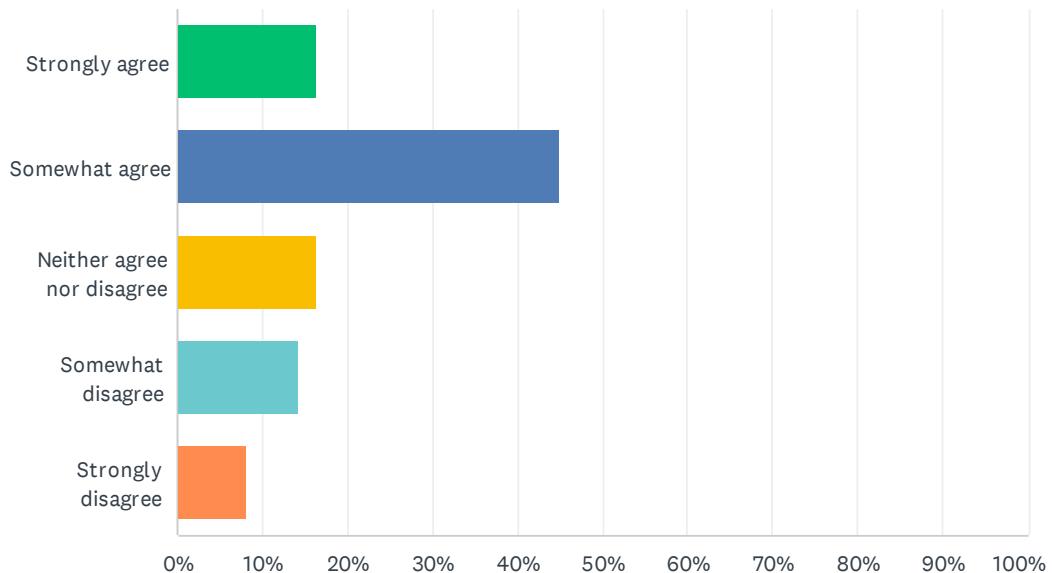
4	More speedy court action for convicted fire starters	7/27/2023 9:08 AM
5	Wildland-urban interface fires and effects on communities	7/27/2023 8:01 AM
6	Fuel load reduction alternatives for burning	7/26/2023 5:21 PM
7	the effect of the rapid extension of the urban fringe	7/26/2023 1:24 PM
8	Historic indigenous use of fire by first nation communities and the ecological impact of these practices	7/26/2023 12:52 PM
9	benefits of drones for fire response and mop-up	7/26/2023 11:42 AM
10	Fire spread models	7/26/2023 10:42 AM
11	Funding resources to ensure sustainable wildland fire management.	7/26/2023 10:31 AM
12	actual scientific based reports on 1 above	7/26/2023 9:35 AM
13	Managing the ecological impacts of fire (especially on fauna) on isolated nature reserves or remnants.	7/26/2023 7:57 AM
14	Awareness to all communities	7/26/2023 7:24 AM
15	Alternate use of cut fuel load other than burning	7/26/2023 7:13 AM
16	Impact of the Wildland Urban Interface	7/25/2023 9:56 PM
17	Resistance to prescribed burning	7/25/2023 7:53 PM
18	Fire Danger Index	7/25/2023 5:29 PM
19	The impact of Apartheid and colonial spatial distribution on the lives of people living in squalor: fires being a factor directly associated with staying in squalor	7/25/2023 1:21 PM
20	More research on the use of High intensity Fire to control alien Invasive plants and Bush encroachment	7/18/2023 3:37 PM
21	Effect of climate change on alien invastation	7/18/2023 12:51 PM
22	IFM adaptations to cope with new climatic conditions	7/17/2023 5:52 PM
23	is alien vegetation clearing working	7/17/2023 10:36 AM
24	Effectiveness and efficiency of new technologies for invasive alien species management (fuel load and risk reduction) in mountain catchments	7/17/2023 8:16 AM
25	How to increase response times to wildland fires	7/16/2023 4:57 PM
26	optimum times to burn for maximum benefits	7/15/2023 12:22 PM
27	how to manage fynbos-thicket mosaics for diversity	7/15/2023 7:53 AM
28	Manipulation wildland fires due to commercial plantation pressures	7/14/2023 3:40 PM
29	Employ and train people to become firefighters	7/14/2023 1:59 PM
30	Influences of climate and weather	7/14/2023 12:57 PM
31	Fire danger index	7/14/2023 12:00 PM
32	localized fire fighting methods	7/14/2023 10:30 AM
33	Insufficient infrastructure	7/14/2023 8:58 AM
34	Involvement of youth and school children	7/13/2023 10:10 PM
35	Under canopy burning of exotic timber species	7/13/2023 4:00 PM
36	Training for professional fire fighters to understand fire	7/13/2023 2:06 PM
37	Effects of frequent fires in sensitive ecosystems and biomes	7/13/2023 12:56 PM
38	Cost of extinguishing wildland fires VS other approaches	7/13/2023 12:16 PM
#	4.	DATE
1	We have a fairly good understanding of the ecological impacts of fire in South Africa but lack a good understanding of the human and economic impacts	7/28/2023 3:21 PM
2	Litigation in wildfire	7/27/2023 1:23 PM

3	People responsible for causing fires be made to pay and insurance companies to be more understanding to pay out	7/27/2023 9:08 AM
4	First line Supervision / Crew Leader development	7/26/2023 5:21 PM
5	scientific eradication of aliens	7/26/2023 1:24 PM
6	Actual value of EPWP programmes vs privatization	7/26/2023 11:42 AM
7	Fire weather models	7/26/2023 10:42 AM
8	international best practices that could be adopted by SA to ensure better wildland fire management.	7/26/2023 10:31 AM
9	IMT benefits	7/26/2023 7:24 AM
10	Wildfire Management	7/26/2023 7:13 AM
11	Financial losses after wildfires	7/25/2023 9:56 PM
12	Stakeholders resistance to living with fire rather than embracing it and how to switch it around	7/25/2023 7:53 PM
13	Predictive spread modelling	7/25/2023 5:29 PM
14	Fire as a revolutionary tool: University of Cape Town and Parliament burns as a case study	7/25/2023 1:21 PM
15	Traditional fire use in a modern society	7/18/2023 12:51 PM
16	implementation models for collaborative land management	7/17/2023 5:52 PM
17	do fires encourage biodiversity in the wilderness	7/17/2023 10:36 AM
18	Feasibility of wildland firefighting actually being considered as an sustainable employment route. Mechanisms to fund this	7/17/2023 8:16 AM
19	optimum block sizes	7/15/2023 12:22 PM
20	effect of too large fires on nectarivores and frugivores	7/15/2023 7:53 AM
21	Do road trips to the less informed populations	7/14/2023 1:59 PM
22	How poorer indigenous communities deal with fire	7/14/2023 12:00 PM
23	ways to improve response and prevention	7/14/2023 10:30 AM
24	Clear lines of authority	7/14/2023 8:58 AM
25	Government non-compliance with Act 101 of 1998	7/13/2023 10:10 PM
26	Mosaic burning as a tool to retain ecological diversity	7/13/2023 4:00 PM
27	Fire and climate change	7/13/2023 2:06 PM

Q23 There are official processes for investigating the origin and cause of wildland fires in your province.

Answered: 98 Skipped: 10

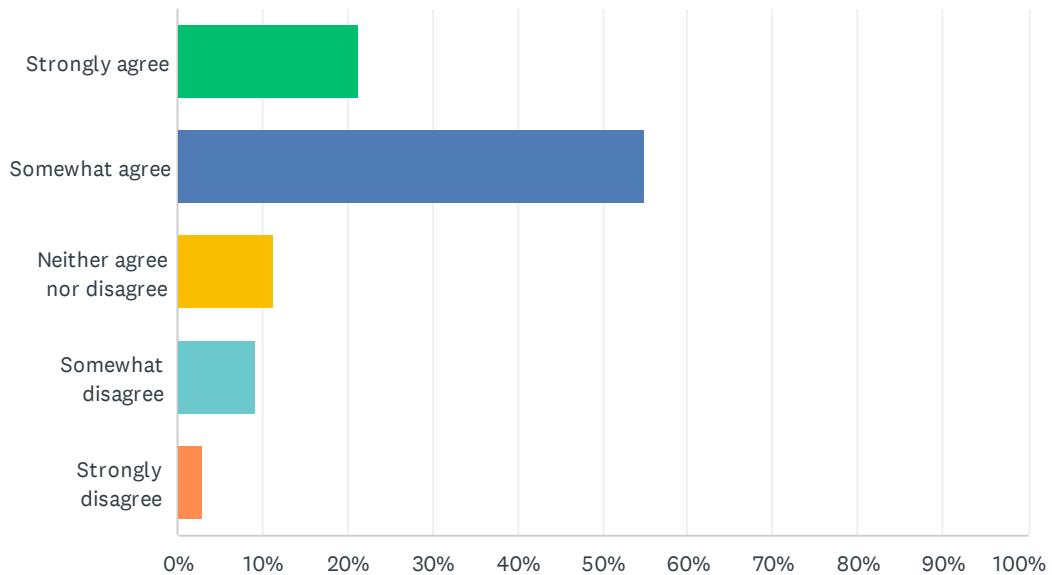
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ANSWER CHOICES	RESPONSES	
Strongly agree	16.33%	16
Somewhat agree	44.90%	44
Neither agree nor disagree	16.33%	16
Somewhat disagree	14.29%	14
Strongly disagree	8.16%	8
TOTAL		98

Q24 There are national or regional wildland fire prevention and fire management programs or plans.

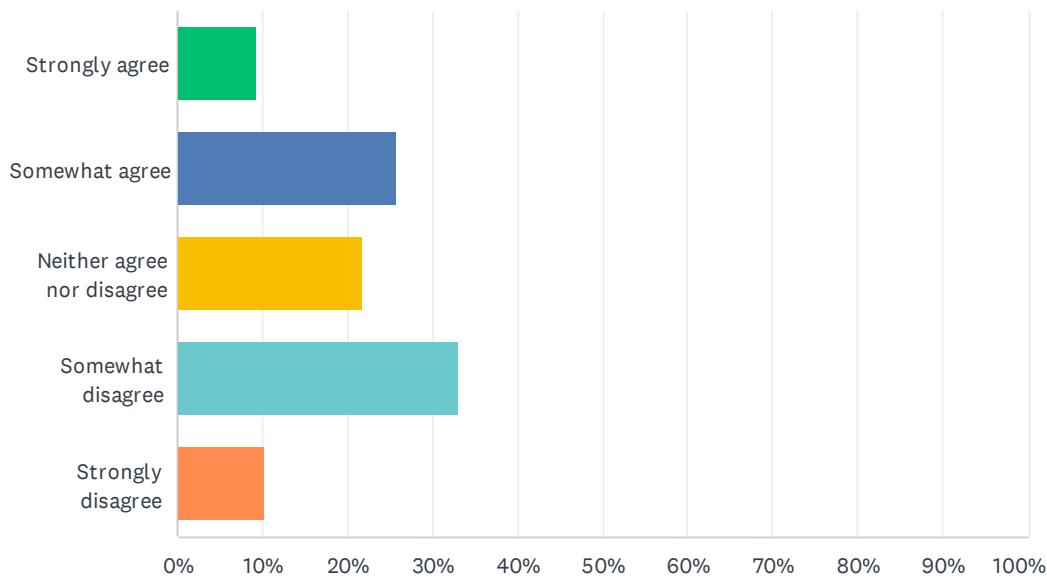
Answered: 98 Skipped: 10



ANSWER CHOICES	RESPONSES	
Strongly agree	21.43%	21
Somewhat agree	55.10%	54
Neither agree nor disagree	11.22%	11
Somewhat disagree	9.18%	9
Strongly disagree	3.06%	3
TOTAL		98

Q25 Rural and Indigenous communities are included in fire prevention programs.

Answered: 97 Skipped: 11

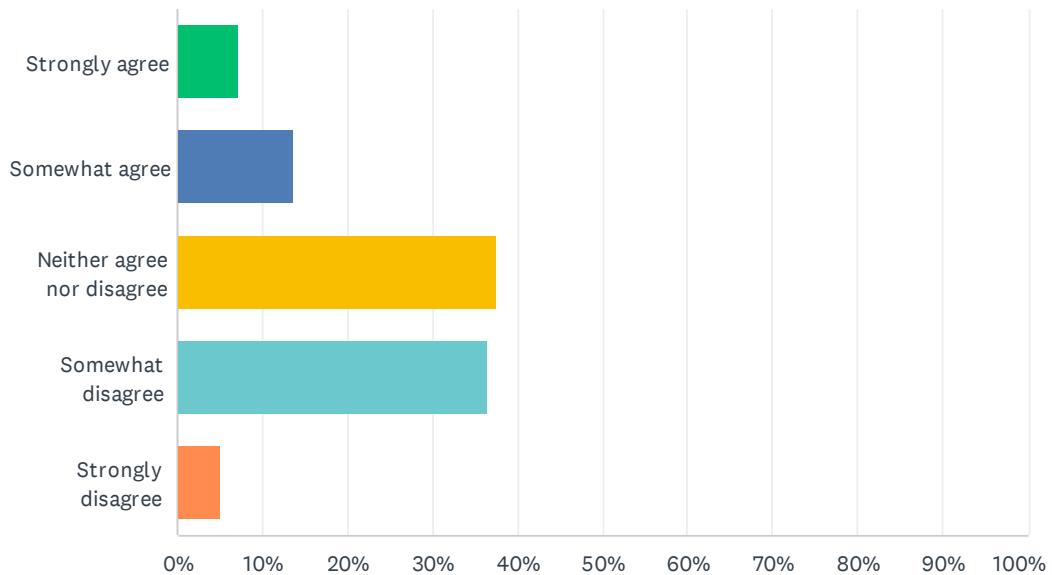


ANSWER CHOICES	RESPONSES	
Strongly agree	9.28%	9
Somewhat agree	25.77%	25
Neither agree nor disagree	21.65%	21
Somewhat disagree	32.99%	32
Strongly disagree	10.31%	10
TOTAL		97

Q26 Traditional uses of fire and perspectives of indigenous communities were considered and incorporated when designing fire prevention programs.

Answered: 96 Skipped: 12

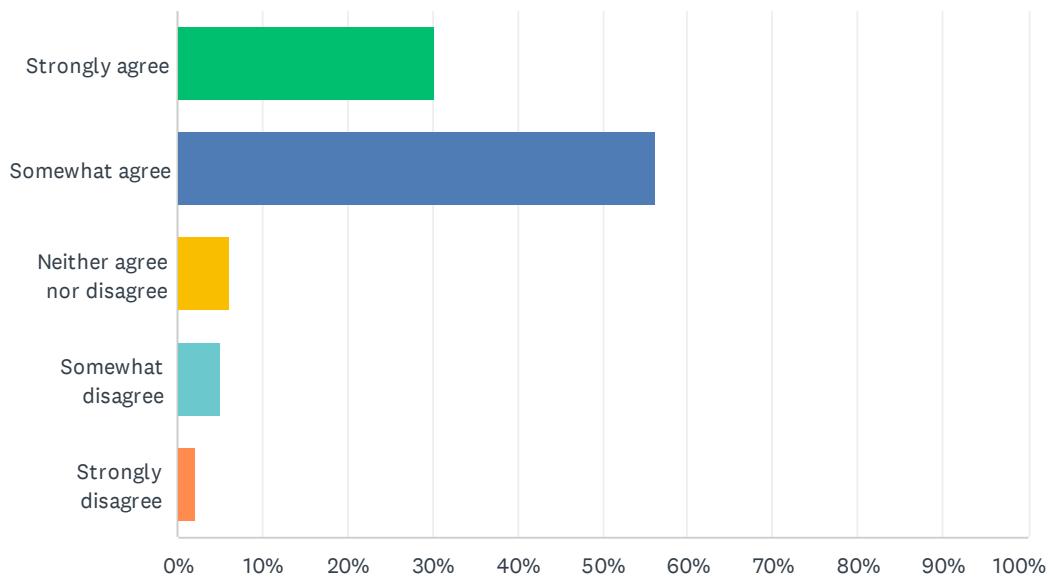
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ANSWER CHOICES	RESPONSES	
Strongly agree	7.29%	7
Somewhat agree	13.54%	13
Neither agree nor disagree	37.50%	36
Somewhat disagree	36.46%	35
Strongly disagree	5.21%	5
TOTAL		96

Q27 Your community uses fuel barriers (fuel/fire breaks), either made by machines or by hand, to protect against wildland fires.

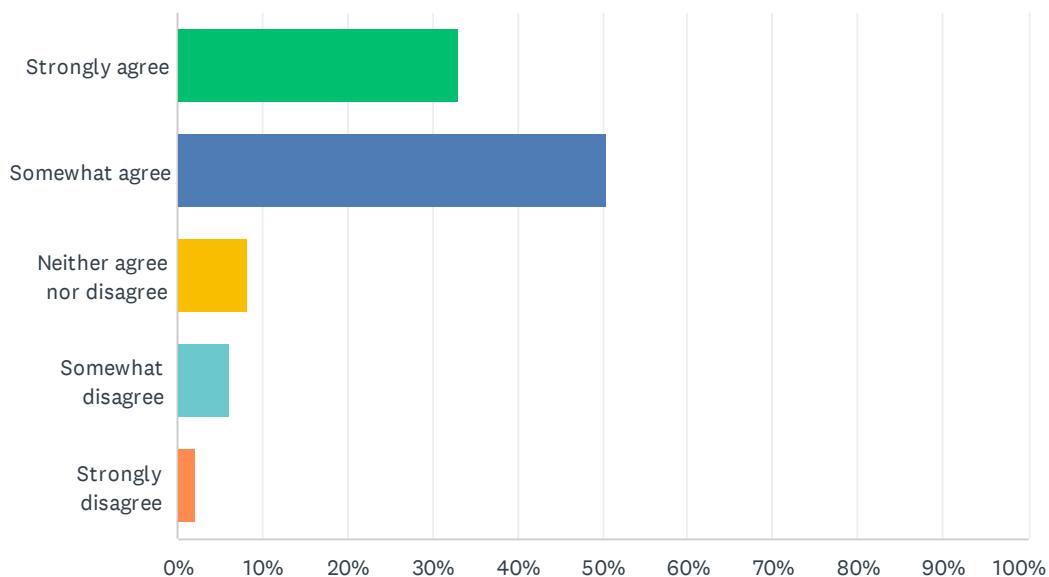
Answered: 96 Skipped: 12



ANSWER CHOICES	RESPONSES	
Strongly agree	30.21%	29
Somewhat agree	56.25%	54
Neither agree nor disagree	6.25%	6
Somewhat disagree	5.21%	5
Strongly disagree	2.08%	2
TOTAL		96

Q28 There are annual operational plans or programs for fire management.

Answered: 97 Skipped: 11

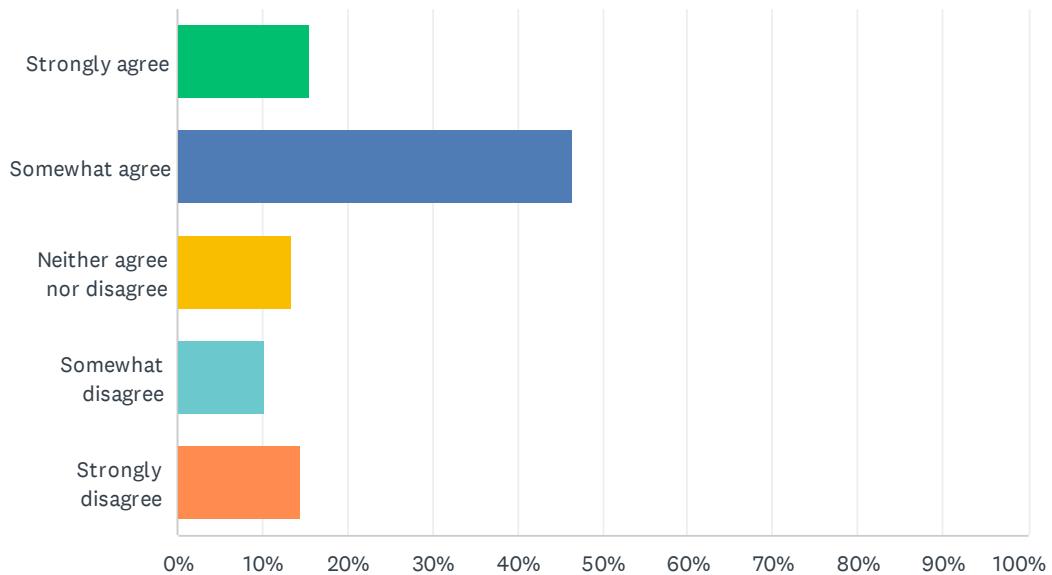


ANSWER CHOICES	RESPONSES	
Strongly agree	32.99%	32
Somewhat agree	50.52%	49
Neither agree nor disagree	8.25%	8
Somewhat disagree	6.19%	6
Strongly disagree	2.06%	2
TOTAL		97

Q29 There is a national training program / certification process for wildland fire response and management.

Answered: 97 Skipped: 11

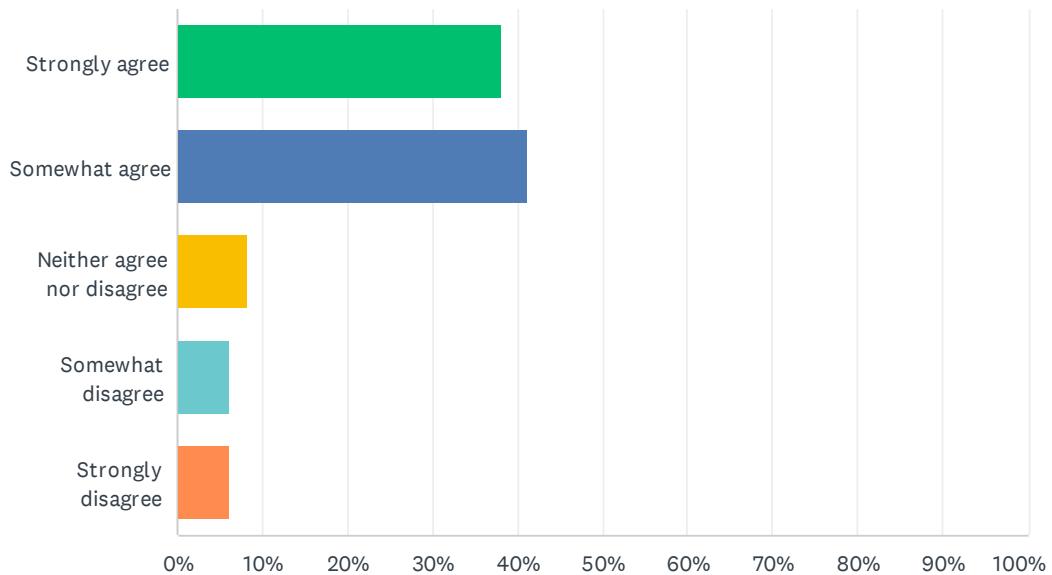
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ANSWER CHOICES	RESPONSES	
Strongly agree	15.46%	15
Somewhat agree	46.39%	45
Neither agree nor disagree	13.40%	13
Somewhat disagree	10.31%	10
Strongly disagree	14.43%	14
TOTAL		97

Q30 There are personnel trained in wildland fire management in different topics and levels: basic, intermediate, and advanced in your area.

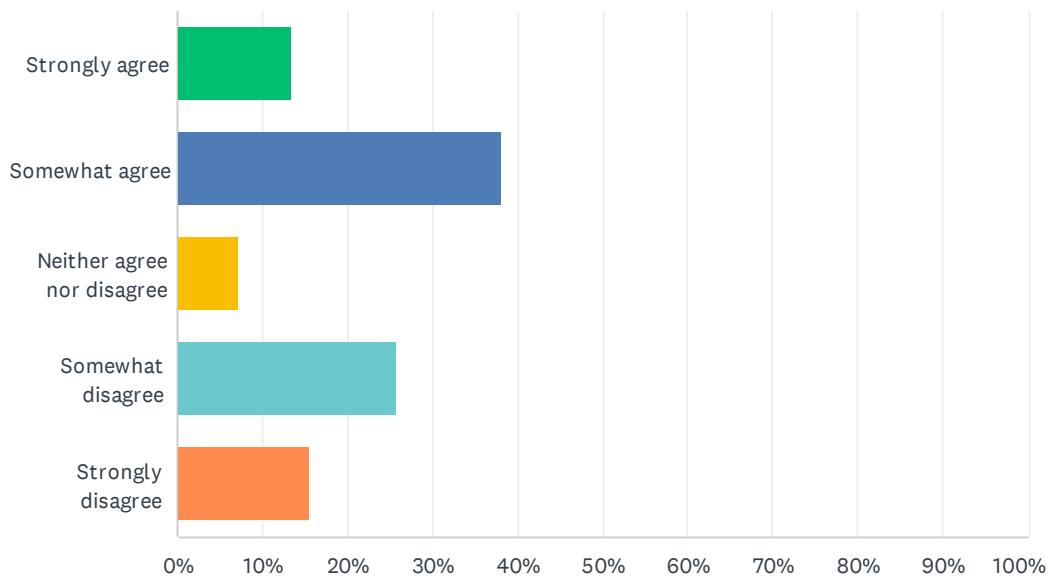
Answered: 97 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly agree	38.14%	37
Somewhat agree	41.24%	40
Neither agree nor disagree	8.25%	8
Somewhat disagree	6.19%	6
Strongly disagree	6.19%	6
TOTAL		97

Q31 There are sufficient personnel to deal with wildland fires in your community.

Answered: 97 Skipped: 11

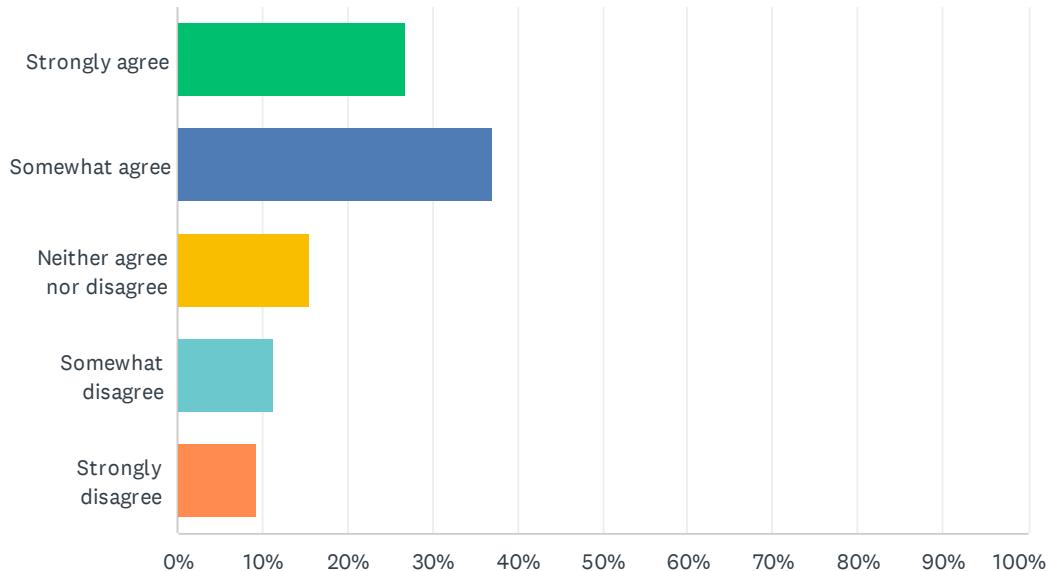


ANSWER CHOICES	RESPONSES	
Strongly agree	13.40%	13
Somewhat agree	38.14%	37
Neither agree nor disagree	7.22%	7
Somewhat disagree	25.77%	25
Strongly disagree	15.46%	15
TOTAL		97

Q32 Wildland fire suppression brigades are professionally trained and equipped.

Answered: 97 Skipped: 11

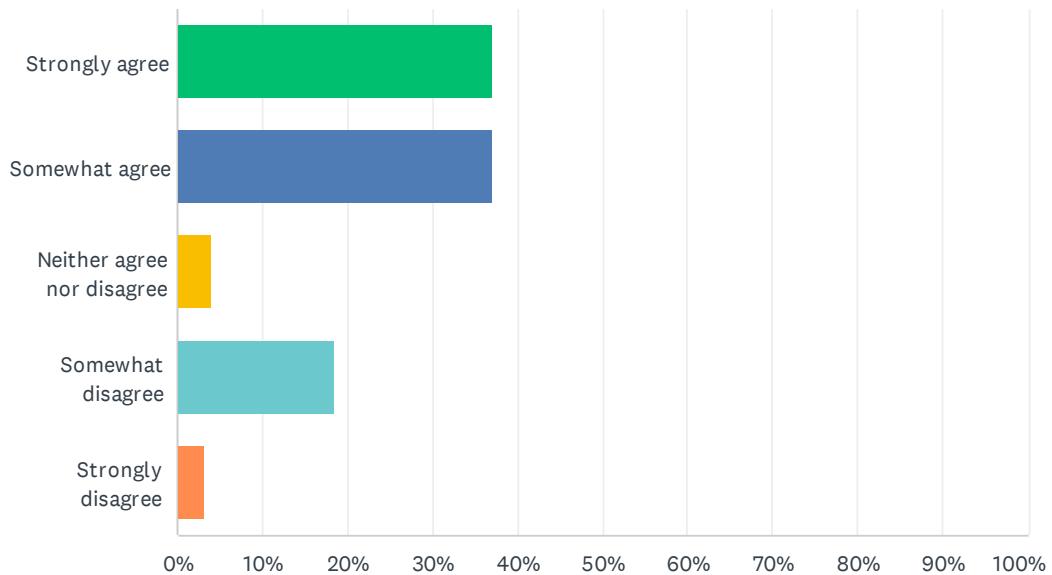
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ANSWER CHOICES	RESPONSES	
Strongly agree	26.80%	26
Somewhat agree	37.11%	36
Neither agree nor disagree	15.46%	15
Somewhat disagree	11.34%	11
Strongly disagree	9.28%	9
TOTAL		97

Q33 Formal Incident Command System is utilised on wildfires in your community.

Answered: 97 Skipped: 11

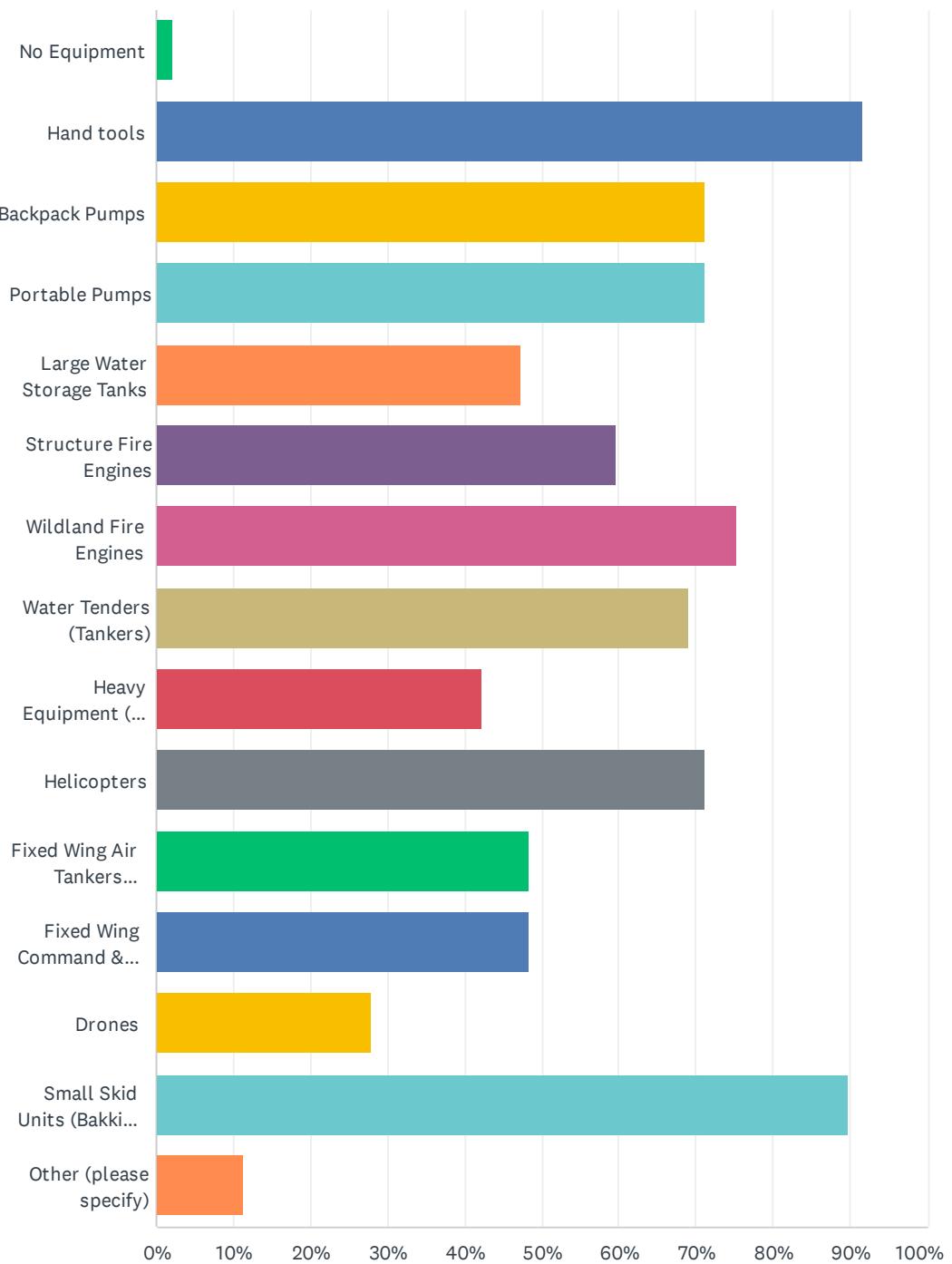


ANSWER CHOICES	RESPONSES	
Strongly agree	37.11%	36
Somewhat agree	37.11%	36
Neither agree nor disagree	4.12%	4
Somewhat disagree	18.56%	18
Strongly disagree	3.09%	3
TOTAL		97

Q34 What kind of equipment does your community have to manage wildfires (choose all applicable)?

Answered: 97 Skipped: 11

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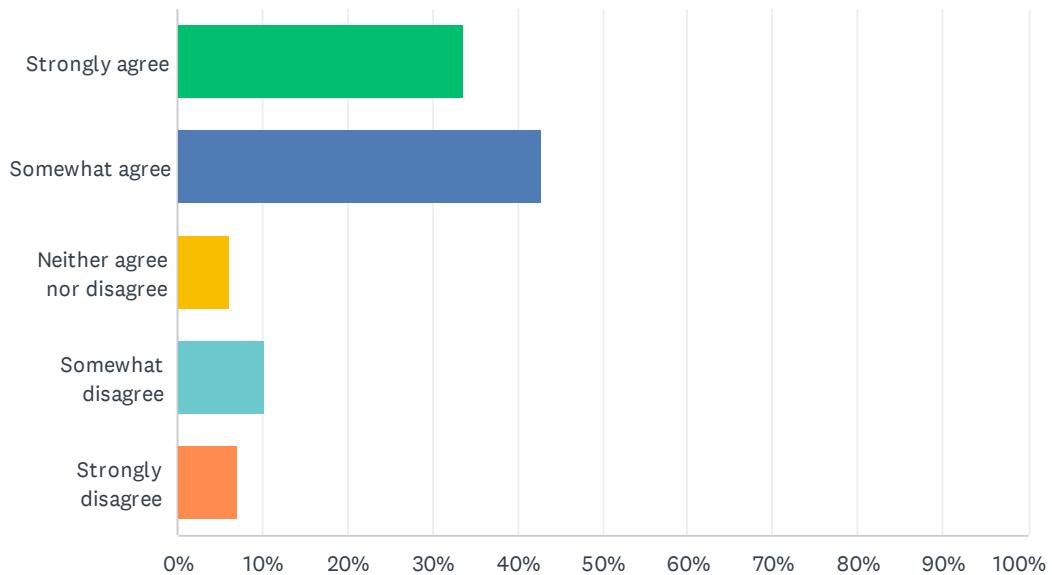
ANSWER CHOICES	RESPONSES
No Equipment	2.06% 2
Hand tools	91.75% 89
Backpack Pumps	71.13% 69
Portable Pumps	71.13% 69
Large Water Storage Tanks	47.42% 46
Structure Fire Engines	59.79% 58
Wildland Fire Engines	75.26% 73
Water Tenders (Tankers)	69.07% 67
Heavy Equipment (Tractors, Dozers, etc.)	42.27% 41
Helicopters	71.13% 69
Fixed Wing Air Tankers (Bombers)	48.45% 47
Fixed Wing Command & Control Aircraft	48.45% 47
Drones	27.84% 27
Small Skid Units (Bakkie Sakkies)	89.69% 87
Other (please specify)	11.34% 11
Total Respondents: 97	

#	OTHER (PLEASE SPECIFY)	DATE
1	As a rural community, we rely of the Cape Winelands District Municipal Fire Services, who are adequately equipped for wildland fires. IC will determine if aerial support/attack is required, and arrange. Farmers and land owners are mostly fire ready and will be the first responders, and hand over the incident to IC on arrival, and offer further support if required.	7/30/2023 3:10 PM
2	Equipment is limited	7/28/2023 1:17 PM
3	Above refers to the Forestry Company I lead	7/26/2023 5:25 PM
4	manual labour	7/26/2023 3:11 PM
5	All of the above but not enough	7/26/2023 10:47 AM
6	Backpack Blowers	7/25/2023 6:16 PM
7	These resources are limited to the organizations which are able to pay for the services	7/18/2023 3:41 PM
8	Helicopters, aircraft and drones can be accessed when required.	7/17/2023 4:53 PM
9	Hand tools, fire finders	7/13/2023 2:08 PM
10	Waterbok pull fire units for flat areas about 40L	7/13/2023 1:25 PM
11	fire beaters	7/13/2023 12:20 PM

Q35 Firefighters are equipped with appropriate personal protective equipment and clothing provided by the government or the community (cotton jumpsuits, boots, gloves, flash hoods, goggles, helmets, etc.).

Answered: 98 Skipped: 10

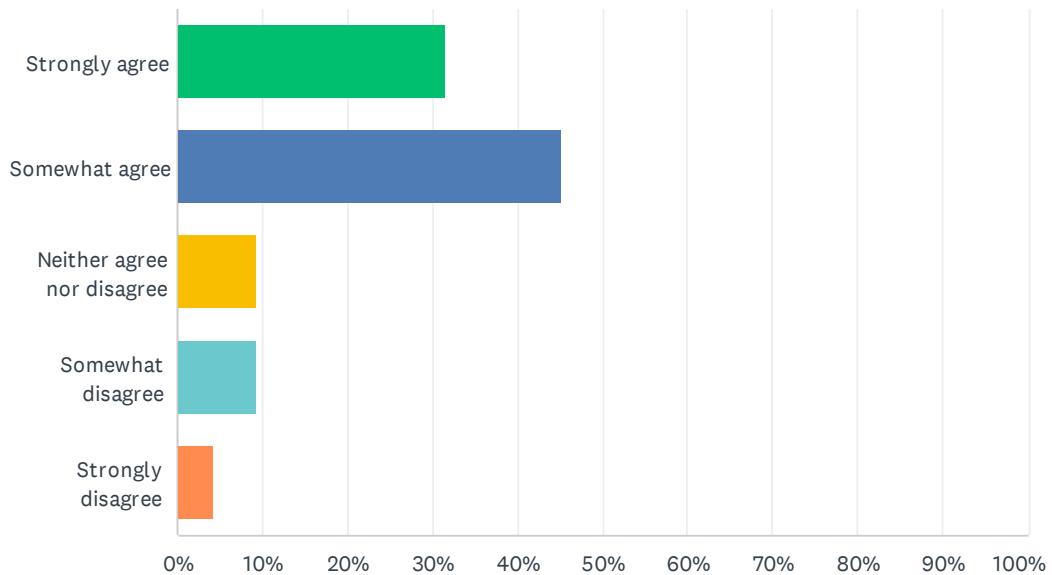
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ANSWER CHOICES	RESPONSES	
Strongly agree	33.67%	33
Somewhat agree	42.86%	42
Neither agree nor disagree	6.12%	6
Somewhat disagree	10.20%	10
Strongly disagree	7.14%	7
TOTAL		98

Q36 There is a coordinating agency or ministry for national and/or local emergencies (including non-fire emergencies).

Answered: 95 Skipped: 13



ANSWER CHOICES	RESPONSES	
Strongly agree	31.58%	30
Somewhat agree	45.26%	43
Neither agree nor disagree	9.47%	9
Somewhat disagree	9.47%	9
Strongly disagree	4.21%	4
TOTAL		95

Q37 Who decides to use/approve the use of aircraft?

Answered: 94 Skipped: 14

#	RESPONSES	DATE
1	Fire station	7/31/2023 8:52 PM
2	No aerial resources in the province	7/31/2023 8:10 PM
3	Local fire protection agency and provincial nature conservation agency	7/31/2023 9:17 AM
4	Fire incident command in consultation with affected land owners.	7/30/2023 3:11 PM
5	The incident commander (fire boss) in conjunction with the provincial disaster management authorities	7/28/2023 3:21 PM
6	Local 'Fire and Rescue' Chief	7/28/2023 1:18 PM
7	Mostly forestry companies, large land owners, provincial and national government	7/28/2023 11:32 AM
8	district fire chief	7/28/2023 11:10 AM
9	Regional goernment	7/27/2023 5:38 PM
10	Incident Commander if budget allows	7/27/2023 4:30 PM
11	District Minucipal Fire Services Chief	7/27/2023 1:23 PM
12	Regionalcoordinator gire department	7/27/2023 9:11 AM
13	The Incident commander	7/27/2023 8:04 AM
14	Me	7/26/2023 5:25 PM
15	Fire Boss or Fire Chief	7/26/2023 3:11 PM
16	Municipal Manager	7/26/2023 2:57 PM
17	Incident Commander	7/26/2023 1:27 PM
18	top management	7/26/2023 1:01 PM
19	FPA \ Provincial Air Ops Manager	7/26/2023 12:13 PM
20	The contracting party (CoCT, TMNP or Insurance)	7/26/2023 11:48 AM
21	PDMC or Local / District Fire Services	7/26/2023 11:12 AM
22	The caller who pays	7/26/2023 10:47 AM
23	Incident Commander	7/26/2023 10:46 AM
24	Provincial and District Fire Chiefs	7/26/2023 10:34 AM
25	District Fire Chief	7/26/2023 10:03 AM
26	CFO or Operational chief pending on the type of fire	7/26/2023 9:44 AM
27	Landowners/ fire services / FPA`S	7/26/2023 9:40 AM

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28	The IC	7/26/2023 9:01 AM
29	Top management	7/26/2023 8:46 AM
30	Landowner	7/26/2023 8:42 AM
31	Incident Commander	7/26/2023 8:35 AM
32	City of Cape Town	7/26/2023 8:28 AM
33	Incident commander/ Fire Chief	7/26/2023 8:27 AM
34	Municipal - Incident Commander	7/26/2023 8:25 AM
35	The IC	7/26/2023 8:01 AM
36	Fire and Rescue	7/26/2023 8:00 AM
37	District FPO and Protection association manager	7/26/2023 7:27 AM
38	Incident Commander request and Senior on call Officer or Chief Fire officer approves	7/26/2023 7:17 AM
39	Don't know	7/26/2023 7:07 AM
40	Western Cape Provincial Goverment	7/25/2023 10:00 PM
41	Pre decided hotspots and eco-sensitive areas as well as the geographical location of fire determine the use of aerial resources	7/25/2023 8:54 PM
42	Ics	7/25/2023 7:58 PM
43	not sure, been a while, if I remember correctly, the person who needs to pay the bill?	7/25/2023 7:34 PM
44	Local Authority and emergency serices	7/25/2023 7:15 PM
45	Land Owner and delegated people	7/25/2023 6:37 PM
46	Dont know	7/25/2023 6:20 PM
47	No such luxury!	7/25/2023 6:17 PM
48	I don't know	7/25/2023 6:11 PM
49	Chief Fire Officer (and designees) and their administrations	7/25/2023 6:04 PM
50	On scene commander with further approval from the Chief Fire Officer or Provincial Disaster Management	7/25/2023 5:34 PM
51	Landowner	7/25/2023 5:13 PM
52	Not sure	7/25/2023 4:34 PM
53	Prov disaster management and national	7/25/2023 4:27 PM
54	Senior Management	7/25/2023 1:25 PM
55	Depends which area the aerial response is required. In a City of Cape Town municipal nature reserve perspective, the nature reserve manager will advise the Biodiversity branch manager, whom ultimately gives permission to fly.	7/21/2023 9:28 AM
56	Fire and Rescue Services	7/19/2023 3:39 PM
57	Delegated authority- Branch Manager: Biodiversity Management Branch (City of Cape Town)	7/19/2023 2:32 PM
58	Fire department, if its on the nature reserve, the reserve manager or supervisor puts in a call to recommend the use of aerial support.	7/19/2023 9:20 AM
59	The organisation who is a memeber of the Aerial organisation decides and its on a First Call basis to mebers on thier scals.The state does have limted funds to pay for resources under disaster situation. This is decided by disaster management	7/18/2023 3:43 PM
60	Local disaster management authorities	7/18/2023 12:56 PM
61	authorities	7/17/2023 5:56 PM
62	fire commander	7/17/2023 4:54 PM
63	NATIONAL DEPARTMENT OF FORESTRY, FISHERIES AND ENVIRONMENT	7/17/2023 1:05 PM
64	The incident commander for public land and the landowner for private	7/17/2023 10:39 AM

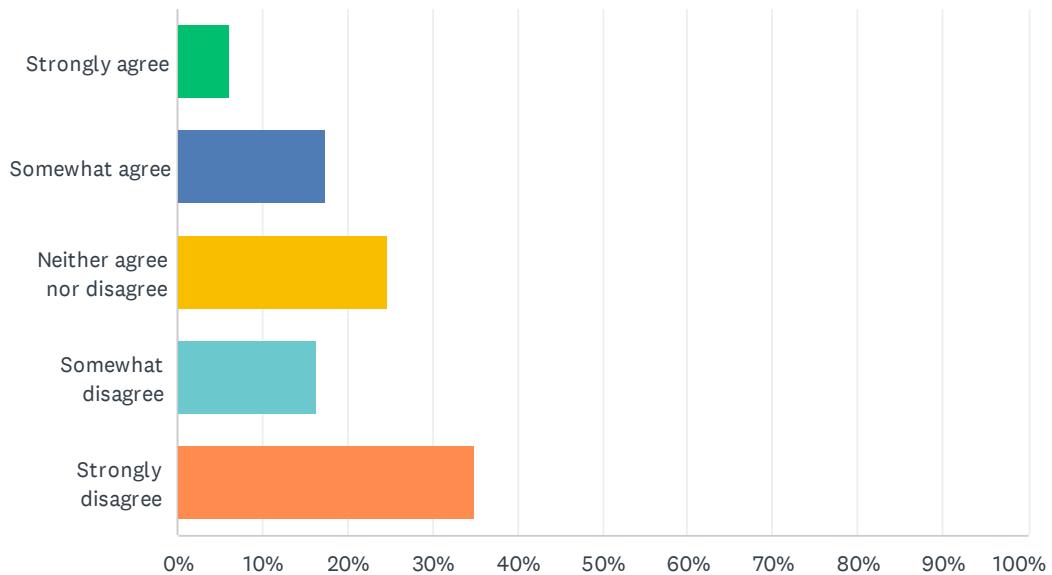
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65	Table Mountain National Park IC	7/17/2023 8:23 AM
66	private entity	7/17/2023 7:17 AM
67	Not sure	7/16/2023 5:00 PM
68	FPA, Fire department, Private owners with Insurance	7/16/2023 11:05 AM
69	Manager / warden	7/15/2023 12:25 PM
70	recommendations from incident command unit sent to top management for consideration	7/15/2023 7:59 AM
71	The head of the Fire Protection Agency	7/14/2023 4:49 PM
72	Local or Provincial JOC	7/14/2023 3:43 PM
73	Risk resource management Nelspruit	7/14/2023 2:03 PM
74	Fire Chief and in some cases the landowner	7/14/2023 1:02 PM
75	District municipalities and some land management agencies	7/14/2023 12:03 PM
76	Senior officials	7/14/2023 10:33 AM
77	Senior IC Comadre	7/14/2023 10:28 AM
78	Unclear	7/14/2023 9:21 AM
79	Disaster Management Centres	7/14/2023 9:03 AM
80	Provincial Disaster Management Centre	7/13/2023 10:13 PM
81	Incident Commander	7/13/2023 6:45 PM
82	members of aerial response bodies	7/13/2023 4:54 PM
83	Fire Protection Associations and contributing private land owners	7/13/2023 4:03 PM
84	city fire unit	7/13/2023 2:59 PM
85	City level Incident Commander	7/13/2023 2:12 PM
86	Grower company & FPA	7/13/2023 1:29 PM
87	Local and Provincia Government	7/13/2023 1:16 PM
88	Chief Fire Officer	7/13/2023 12:56 PM
89	Local IC	7/13/2023 12:50 PM
90	government/municipalities	7/13/2023 12:49 PM
91	Fire Chief	7/13/2023 12:20 PM
92	The incident commander	7/13/2023 12:18 PM
93	As per agreements or nationally approval	7/13/2023 12:17 PM
94	FPA manager	7/7/2023 4:39 PM

Q38 There are Unmanned Aerial Systems (UAS)/drones/Robots used for wildland fire management purposes.

Answered: 97 Skipped: 11

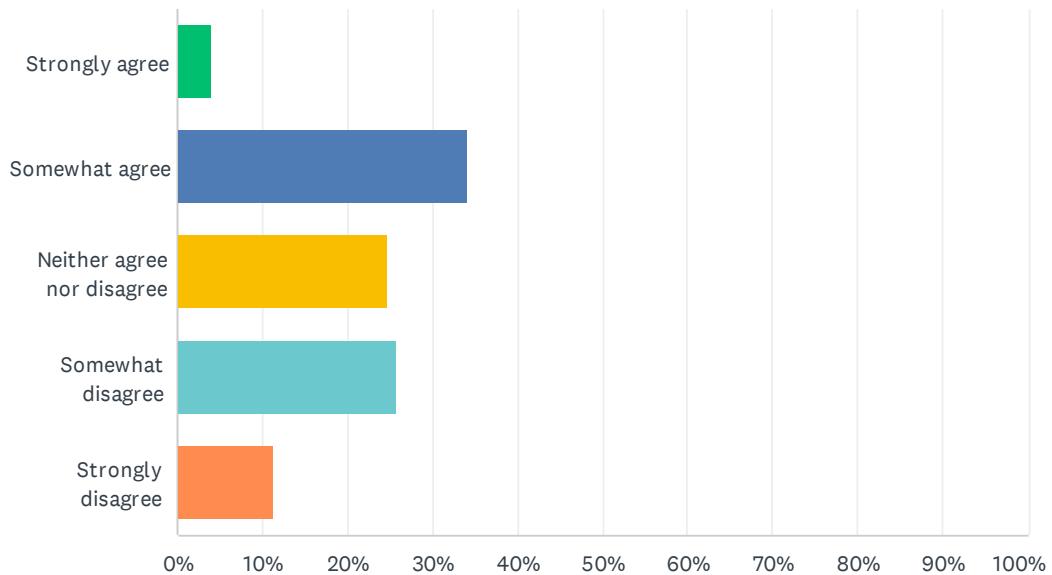
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ANSWER CHOICES	RESPONSES	
Strongly agree	6.19%	6
Somewhat agree	17.53%	17
Neither agree nor disagree	24.74%	24
Somewhat disagree	16.49%	16
Strongly disagree	35.05%	34
TOTAL		97

Q39 There are programs to support communities after a damaging wildfire.

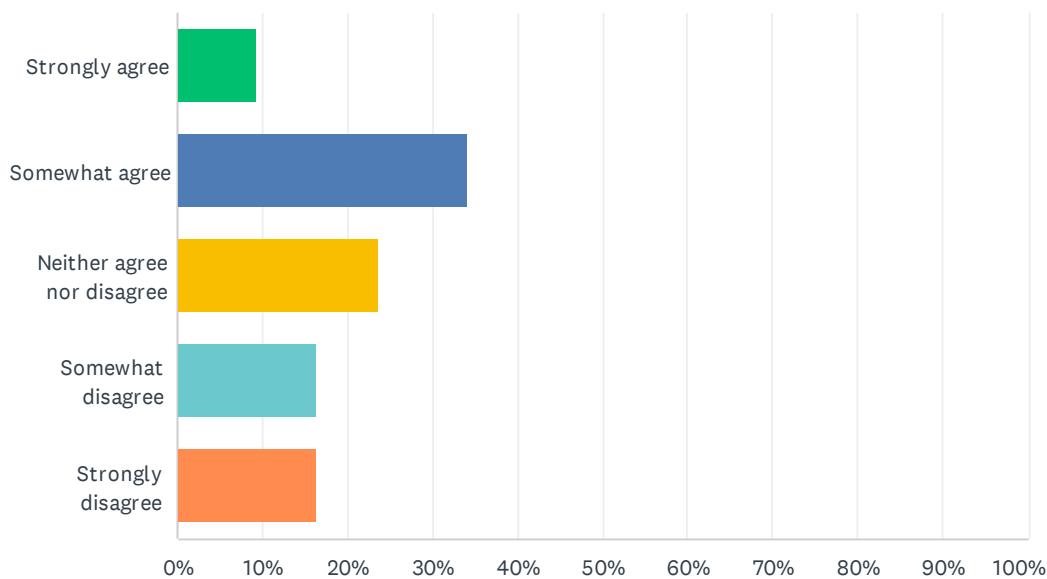
Answered: 97 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly agree	4.12%	4
Somewhat agree	34.02%	33
Neither agree nor disagree	24.74%	24
Somewhat disagree	25.77%	25
Strongly disagree	11.34%	11
TOTAL		97

Q40 There are restoration guidelines for ecosystems affected by wildland fires.

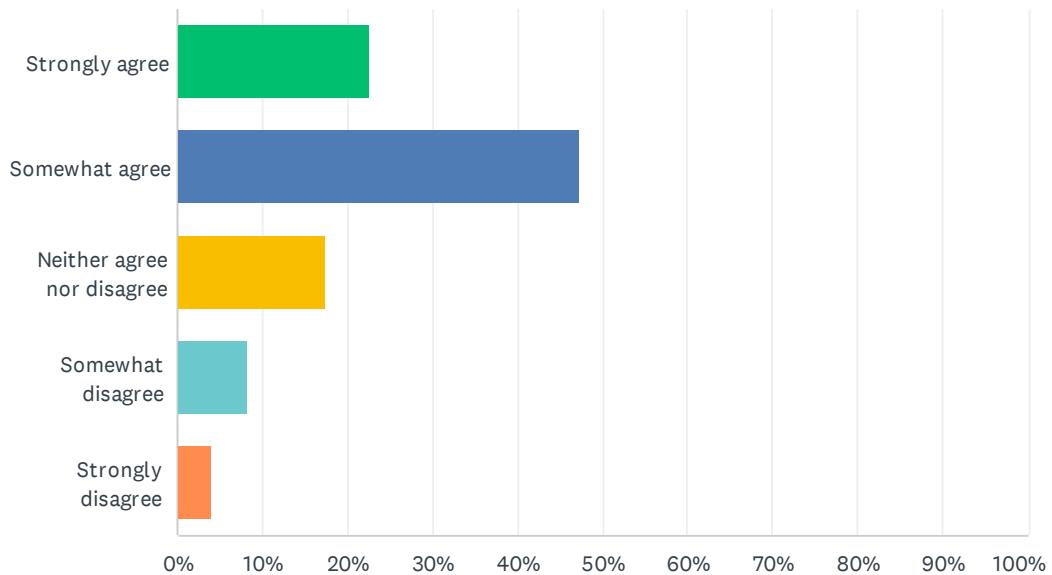
Answered: 97 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly agree	9.28%	9
Somewhat agree	34.02%	33
Neither agree nor disagree	23.71%	23
Somewhat disagree	16.49%	16
Strongly disagree	16.49%	16
TOTAL		97

Q41 Wildland fires are managed differently in protected natural areas.

Answered: 97 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly agree	22.68%	22
Somewhat agree	47.42%	46
Neither agree nor disagree	17.53%	17
Somewhat disagree	8.25%	8
Strongly disagree	4.12%	4
TOTAL		97

Q42 If you agreed that wildland fires are managed differently in protected natural areas, please indicate how these areas managed differently?

Answered: 74 Skipped: 34

#	RESPONSES	DATE
1	No capacity to implement any meaningful fire management program.	7/31/2023 8:12 PM
2	Different resources are available with different command structures	7/31/2023 9:19 AM
3	I think that there are skilled and experienced personal and resources, equipment, etc drawn from numerous agencies and entities on a national level, all working in a co-ordinated and structured manner. As seen in recent major wildland fire incidents where the local fire services needed additional help.	7/30/2023 3:18 PM
4	In protected areas the emphasis is on using fire for ecological purposes. Also depending on the proximity of human populations wildfires are sometimes allowed to burn with little intervention.	7/28/2023 3:21 PM
5	Appropriate fire regimes, fire protection, somewhat better resourced & trained	7/28/2023 1:21 PM
6	Probably more formalised plans focused on ecological aspects	7/28/2023 11:33 AM
7	Natural Burning zones or adaptive disturbance methods.	7/27/2023 1:24 PM
8	More personnel depending on financial input by land owners	7/27/2023 9:13 AM
9	They have better Fire Management Plans	7/27/2023 8:06 AM

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10	15 years ago they were well resourced and equipped to deal with fires	7/26/2023 5:27 PM
11	better planned and coordinated approach	7/26/2023 3:21 PM
12	Fire is rather used as a management tool	7/26/2023 3:12 PM
13	In our areas we implement controlled burns but it is not implemented by all protected area management authorities	7/26/2023 2:59 PM
14	Kept free of aliens , no accumulation of fire load , properly maintained fire breaks	7/26/2023 1:29 PM
15	pending the fire regime fires can be allowed to burn without causing potential damages and posing economic risks	7/26/2023 1:05 PM
16	N/A	7/26/2023 11:49 AM
17	CapeNature has specific management goals for specific protected areas	7/26/2023 11:13 AM
18	In high FDI's they would want old fynbos to burn	7/26/2023 10:49 AM
19	Usually left to burn and to be monitored	7/26/2023 10:47 AM
20	Although constrained by legislation and associated risk prescribed burning and use of wildfires when relevant are considered	7/26/2023 10:38 AM
21	varies from area to area and relevant organisation	7/26/2023 9:42 AM
22	Prescribed burning, fire break management, fire management plans	7/26/2023 9:03 AM
23	Fire is used a management tool so not always controlled at an early stage, allowed to burn	7/26/2023 8:43 AM
24	They get a faster and larger response	7/26/2023 8:31 AM
25	Protected Areas (CapeNature, SanParks, Biodiversity Management) has plans in place to conduct prescribed burning and fuel load reduction burning whereas private land has limited strategies in places.	7/26/2023 8:26 AM
26	We aim to not use destructive methods like bulldozing where possible. Where the veld is old and requires burning, we aim to let it burn to an agreed line.	7/26/2023 8:03 AM
27	lately, we have been able to allow veld to burn if it is needed. Previously Fire and Rescue would insist on extinguishing fire	7/26/2023 8:01 AM
28	Areas are managed by environmental organizations	7/26/2023 7:28 AM
29	places like Table Mountain National Parks manage their area better. there is a focus on alien plant reduction, fuel load reduction, firebreak creation and maintenance. in contrast areas not in protected areas are not managed by land owners.	7/26/2023 7:20 AM
30	Defend the fire line, not necessarily putting it out	7/26/2023 7:09 AM
31	Environmental agencies will pay to protect certain areas in a reserve	7/25/2023 10:02 PM
32	Protected natural areas are managed by different entities in each province and have different protocols to follow.	7/25/2023 8:56 PM
33	They are meant to enable ecological and evolutionary processes as a priority, if life and property not at risk.	7/25/2023 8:01 PM
34	Depending on extent, threat and fuel load fires can be allowed to burn to mimic natural cycles and to stimulate potential benefits to ecosystems .	7/25/2023 7:18 PM
35	More effectively!	7/25/2023 6:20 PM
36	Fires would be allowed to burn if they pose no threat to infrastructure or life, and if the vegetation post-fire age is old enough for all plants to have matured and set seed, thus able to recover from fire	7/25/2023 6:14 PM
37	Different services within structures manage same i.e bio-diversity, nature conservation, etc	7/25/2023 6:06 PM
38	Some organisations prefer to let a wildfire burn naturally through an area if there are no assets at risk or biodiversity threatened.	7/25/2023 5:35 PM
39	Total suppression is not always done	7/25/2023 5:14 PM
40	NA	7/25/2023 4:35 PM
41	In protected areas fires tend to be planned and burned in a controlled manner. There are even firebreaks within Protected Areas to help prevent the spread of fire and protect the PA	7/25/2023 1:29 PM

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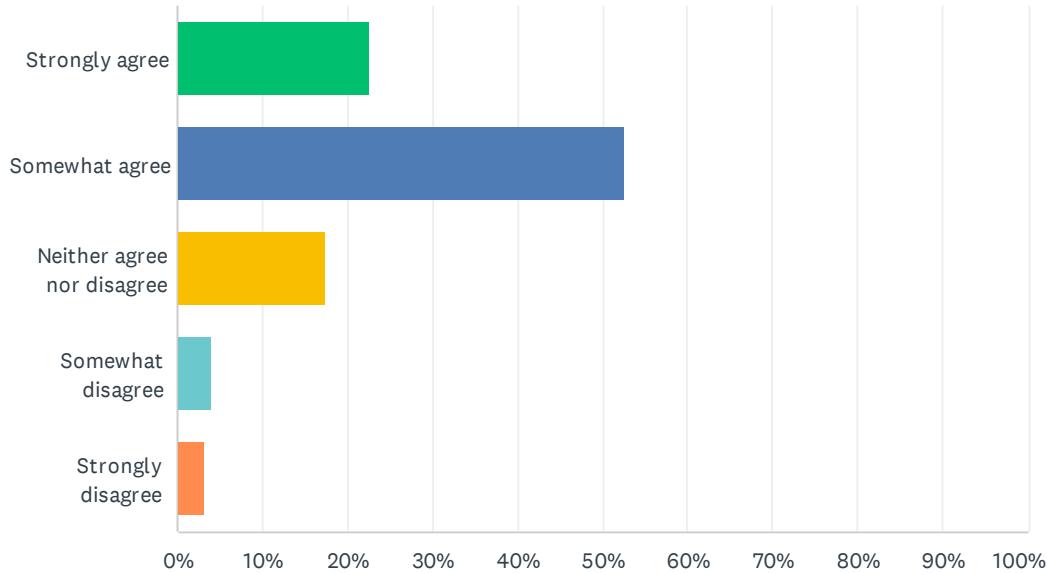
infrastructure. Even when driving with tankers and skid units within the PA, we would rather use the existing tracks and not establish new tracks. We also tend to know the age of veld which is why they would let it burn if the veld is due for a fire.

42	A lot of effort is placed in protected natural areas to manage fires through fire rediness, prescribed burns, and to be compliant.	7/21/2023 9:30 AM
43	In the City of Cape Town, large proportions of natural areas are protected. These areas have dedicated fire management plans and are subject to prescribed burning practices	7/19/2023 2:34 PM
44	implement prescribed burns, stack burns for fuel reduction, ensure that firebreaks are in place. Work hand in hand with fire department on wildfires, influence decision making.	7/19/2023 9:22 AM
45	In the National Parks they are allowed to burn unless they threaten infrastructure or Lives.In the provincial parks the fires are allowed to burn up against the fire breaks.	7/18/2023 3:45 PM
46	In fynbos natural fires are often left to burn as long as is not threatening	7/18/2023 12:58 PM
47	Assumes that protected area has a FMP in place that places emphasis on protecting ecosystem	7/17/2023 5:57 PM
48	there is usually some form of management system in place.	7/17/2023 4:55 PM
49	PROTECTED HAVE NORMALLY BURNING PLANS/PROGRAMS AND MAKE MORE FIRE BREAKS THAN PRIVATE LANDOWNERS. HAVE WORKING ON FIRE TEAMS BASED AT MANY PARKS	7/17/2023 1:07 PM
50	Greater consideration given for any planned fires	7/17/2023 10:40 AM
51	Depending on veld age, the wildfire might be managed as part of the natural wildfire regime and left to burn	7/17/2023 8:24 AM
52	Government runs most Protected areas	7/16/2023 11:06 AM
53	Insurances, risk and liability mitigation is in place. Annual plan of operations for fuel reduction barriers are budget for. Training and equipment is budgeted for. Fires are prescribed primarily for ecological objectives.	7/15/2023 12:28 PM
54	there are hotspot and ecosensitive maps which guide decision making. effort is made to protect young veld from burning too soon.	7/15/2023 8:02 AM
55	Wildfire management depends on the protected area management authority, with National Parks being more equipped and better trained than provincial, which is better equipped and trained than local municipalities.	7/14/2023 4:49 PM
56	Mainly for biodiversity reasons	7/14/2023 3:45 PM
57	These areas have their own managers and firefighting teams	7/14/2023 2:04 PM
58	Ecological requirements are greater priority	7/14/2023 1:03 PM
59	The primary focus is on maintenance of the fire regime within thresholds of potential concern , this often conflicts with the outputs of the Fire services.	7/14/2023 12:11 PM
60	National, Provincial and Local Authorities manage these areas with trained personnel	7/14/2023 10:29 AM
61	Quicker response times, more equipment, better rehabilitation	7/14/2023 9:22 AM
62	The Agencies responsible for these areas accept their duty in this regard	7/14/2023 9:12 AM
63	Different landowner policies	7/13/2023 6:46 PM
64	i disagree	7/13/2023 4:56 PM
65	Greater emphasis on fuel load management in protected areas	7/13/2023 4:04 PM
66	more focus on the impact of fire and thus more control measures	7/13/2023 3:00 PM
67	Some conduct prescribed burns	7/13/2023 2:13 PM
68	Grower companies organise good fire break and area burns	7/13/2023 1:30 PM
69	Some areas not managed at all. No management	7/13/2023 1:27 PM
70	Fires starting in these areas caused by e.g. lightning are left to burn. Fires in other areas are either extinguished or managed	7/13/2023 12:57 PM
71	personal/nature conservation more involved	7/13/2023 12:51 PM

72	Organizations like VWS are available for protected areas	7/13/2023 12:50 PM
73	In some protected areas natural fires are not extinguished immediately. Those on the urban edge/WUI do not have an option, but to extinguish these fires as soon as possible.	7/13/2023 12:20 PM
74	More resources due to tourism	7/7/2023 4:40 PM

Q43 Research is carried out on the ecological effects of fire in the protected areas

Answered: 97 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly agree	22.68%	22
Somewhat agree	52.58%	51
Neither agree nor disagree	17.53%	17
Somewhat disagree	4.12%	4
Strongly disagree	3.09%	3
TOTAL		97

Q44 Please elaborate on anything else you think we should know about the state of fire knowledge and wildland fire management in South Africa.

Answered: 66 Skipped: 42

#	RESPONSES	DATE
1	The legal framework is in place weak or very little implementation from government department. General lack of disaster management and Fire Services.	7/31/2023 8:13 PM
2	We are extremely fortunate to have a well structured, well co-ordinated and well led valley fire protection agency. This has brought private resources into the mix and has ensured very rapid response action. The community engagement on the WhatsApp platform is excellent.	7/31/2023 9:22 AM

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3	Corruption is bad news in South Africa. The effects of this are common knowledge. Therefore it is safe to assume that some provinces and municipalities are more fire ready than others.	7/30/2023 3:23 PM
4	1) In question 16 I think Moist Grassland should be Moist Woodland. I have answered as if it is Moist Woodland. 2) Fire management knowledge and skills vary greatly across the country. Answers to questions 21 to 43 need to take this into account. In my opinion it is strongest in the Western Cape. 3) On going ecological fire research is constrained by limited funding.	7/28/2023 3:22 PM
5	Fire ecology broadly researched. Practical ICS implemented.	7/28/2023 1:26 PM
6	N/a	7/28/2023 11:34 AM
7	integration between the different municipalities (district C and local B)	7/28/2023 11:13 AM
8	Training of ICS personnel and the system to co ordinate qualifications	7/27/2023 1:41 PM
9	More Co ordination and more communication is needed at times of fire	7/27/2023 9:14 AM
10	Training and education on wildland fire management	7/27/2023 8:07 AM
11	We have passionate people that fight fire daily in Fire Season, our government is dysfunctional on all levels in the Eastern Cape. Private companies and land owners are left to their own device and communities are ignorant of the damage fires cause	7/26/2023 5:29 PM
12	Fire in urban environment is a total different scenario	7/26/2023 3:13 PM
13	Need a more effective response system and assets in rural areas	7/26/2023 1:30 PM
14	The state of timeous notifications of ignitions (lookout systems) are lacking due to various reasons (financial, practical). The extent of a fire is time related and the faster reaction to an ignition the smaller the impact. more efforts should be done in prevention (fuel control and prescribed burning) to prevent or manage the large scale spread of fires	7/26/2023 1:09 PM
15	We need financial resources to strengthen FPA's	7/26/2023 10:50 AM
16	None	7/26/2023 10:47 AM
17	To build better relationships between paid and unpaid wildland firefighting agencies.	7/26/2023 9:47 AM
18	development of both competence and capacity across all spheres of integrated fire management.	7/26/2023 9:44 AM
19	Policy incoherence in terms of Integrated Fire Management is widely cited as a concern by many in the sector. There is a need improve policy coordination and implementation as well as policy certainty to minimize unnecessary burden, complexity and duplication. The aforementioned, reinforced by a persistent emphasis on fire exclusion and fire suppression. While pursuing to eliminate fire from the landscapes, the over-reliance on fire suppression, and in some cases no strategy, often results in fuel accumulation and continuity leading to increased wildfire hazard and risk in many of the provinces.	7/26/2023 8:48 AM
20	the role early accurate detection plays in managing fires and the use of fire spread modelling to better assist fire managers	7/26/2023 8:44 AM
21	Different spheres of government (organs of state) as well as other stakeholders responsibility to wildland and wildfire fighting.	7/26/2023 8:40 AM
22	Various agencies & Municipalities differ in wildland fire management, I would suggest that a unified approach should be adopted.	7/26/2023 8:28 AM
23	Standardized codes of practice and inter agency cooperation	7/26/2023 7:29 AM
24	The Working on Fire programme should shift to preventing wildland fires. Programmes such as fuel reduction, fire break creation and maintenance and alien plants clearing. Instead they have become focused on firefighting and have in essence established themselves as a state funded firefighting force. Funding should be channeled to struggling fire services who have the response mandate	7/26/2023 7:25 AM
25	None	7/26/2023 7:09 AM
26	We keep on doing the same things but expect different results	7/25/2023 10:03 PM
27	South Africa is very diverse with different vegetation types which makes fire fighting unique in each province. I also think we still have much to learn about the state of fire knowledge in	7/25/2023 8:59 PM

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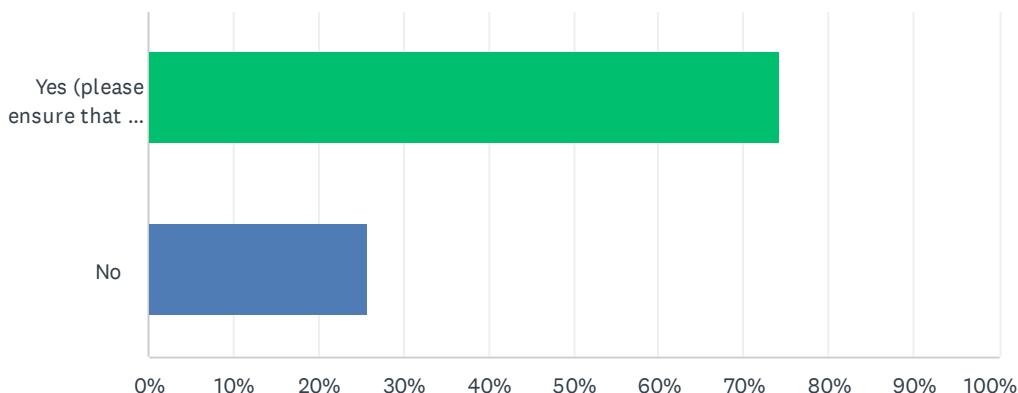
	wildland fire management in South Africa - each fire is different and you learn new things with each one.	
28	None	7/25/2023 8:03 PM
29	I believe the Western Cape, Eastern Cape, Mpumalanga, and possibly Gauteng, if not other provinces by now as well, should be well ahead regarding response readiness. In my area, although, I believe fire readiness may be overlooked as fire isn't as much of a threat due to the climate and vegetation. However, in the incident where a planned burn a few years ago ran away from them and burned through multiple farms, response to that incident could have been better and a lot safer. I'd imagine there are many areas around the country that could be the same.	7/25/2023 7:38 PM
30	Huge imbalance between commercial and indigenous landowners	7/25/2023 6:40 PM
31	No	7/25/2023 6:21 PM
32	Investigate the Working on Fire programme and whether it is a good idea in the long run (i.e. sustainable) or whether resources should go into Fire Protection Agencies. Try to get away from the prevention/suppression syndrome to one of ecological management of fires	7/25/2023 6:17 PM
33	Western Cape have systems in place to deal with wildland and wildfires - varies from District to district and Metro. Collaboration with other services exist but could be better. Some "conflicting" legislation	7/25/2023 6:08 PM
34	There is not enough focus or support for the science or the people on the ground.	7/25/2023 5:37 PM
35	It would be useful to draw in volunteer community units and other volunteer capacity other than the one or two larger established entities like the VWS etc.	7/25/2023 4:48 PM
36	The impact of fires on informal settlements require government and private sector to consider availing land to the people who are stuck in squalor.	7/25/2023 1:31 PM
37	Whilst there are government skills development programmes to train firefighters (WOF), the majority of responsibility and impact is from professionals and volunteer services. WOF performance is generally poor and mitigated for during fires	7/19/2023 2:36 PM
38	In my opinion there is much emphasis on suppression and not enough prescribed burning is implemented. The result of this lack of controlled burning is that the grasslands are being lost to climate change which is resulting in a dramatic increase in Bush encroachment. This situation will in the long term result in grazing species going locally extinct.	7/18/2023 3:50 PM
39	High level education for fire managers is lacking in SA. Technical training is fairly good.	7/18/2023 12:59 PM
40	enable more prescribed burning and less emphasis on suppression	7/17/2023 5:59 PM
41	knowledge is generally confined to the officials directly involved with fire management	7/17/2023 4:56 PM
42	THE ROLL THAT OUR GOVERNMENT PLAY IN FUNDING WILDLAND FIRE FIGHTING IS EXTREMELY BAD. WE HAVE A GOOD FIRE MANAGEMENT ACT, BUT VERY BAD SUPPORT FROM THAT DEPARTMENT	7/17/2023 1:09 PM
43	We need to do more for our rural residents by expanding this training directly into those communities and keep a proper database on who received what training	7/17/2023 10:42 AM
44	Municipal resources non existent	7/17/2023 7:18 AM
45	Too much reliance on volunteer assistance. Insufficient co-ordination and assistance from organs of state	7/15/2023 12:30 PM
46	awareness raising and environmental education are crucial and there is a critical need to eradicate invasive alien plants on state, municipal and private land.	7/15/2023 8:04 AM
47	The state of knowledge and readiness depends on the region and area in SA, with the Western Cape seemingly better equipped and prepared than the Eastern Cape and probably other provinces	7/14/2023 4:49 PM
48	None	7/14/2023 3:45 PM
49	There needs to be more fire education training	7/14/2023 2:05 PM
50	In certain land management agencies wildland fire fighting is good. But this is the exception rather than the rule.. In the fire brigade services they do not have sufficient training and understanding of wildland fire management . Nor are many municipalities outside of the western Cape taking any accountability for veld fire management.This is the key downfall of integrated fire management in South Africa	7/14/2023 12:14 PM

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51	Requires serious preparedness, proactive actions and further training of responding agencies and crews	7/14/2023 10:35 AM
52	The biggest problem in the so-called developing world is that programmes run smoothly and contribute greatly to the knowledge base but only for as long as this is being funded by donor agencies. The minute the relevant authority has to run and develop any programme it disappears.	7/14/2023 9:13 AM
53	The USFS provided essential training in the NWP. More training is humbly requested.	7/13/2023 10:15 PM
54	Better uniformity	7/13/2023 6:47 PM
55	It is usually managed and funded by private business, communities and the state are not doing enough to educate and safeguard themselves,	7/13/2023 4:58 PM
56	Age of skilled firefighters of concern and insufficient trained instructors.	7/13/2023 4:04 PM
57	it should be communicated about to the public more often	7/13/2023 3:01 PM
58	Fire management shpould be more pragmatic and inform town planning with clearly defined set back lines. Less fire extinguishing should be done and more protecting a clearly defined urban edge. Let natural fires burn themselves out.	7/13/2023 2:15 PM
59	Get the public more knowledgeable on the effects of uncontrolled wildfires	7/13/2023 1:31 PM
60	Attention should be given on legislation as well as where or by whom does the mandate for wildland firefighting and management sits	7/13/2023 12:57 PM
61	a standard system and usage of recourses must be implemented for the hole of South Africa	7/13/2023 12:53 PM
62	In my experience we have a a good amount of knowledge and experience in the WC.	7/13/2023 12:50 PM
63	Wildfire science usually takes place at a Universities and are usually academic in nature and not often any value to wiodlfalnd firefighters. The CSIR carried lots of experienced wildfire (forestry) experts, but they have now retired.	7/13/2023 12:23 PM
64	None	7/13/2023 12:22 PM
65	Not all parties involved allows for integrated response efforts or use of national incident management teams from all levels. Professionally some companies will want to do everything instead of integrated response capabilities and qualified people around the country	7/13/2023 12:20 PM
66	wildland fire management varies substantially throughout the country due to different fuel types and needs of communities	7/7/2023 4:41 PM

Q45 Would you be interested in participating in future data gathering around the topic (such as, a one-on-one interview, future surveys, etc.)?

Answered: 97 Skipped: 11



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ANSWER CHOICES	RESPONSES	
Yes (please ensure that you have shared your contact information at the beginning of the survey)	74.23%	72
No	25.77%	25
TOTAL		97