		Date: 08/29/2018 Survey location: Environ mouthal		- 1
		Survey location: Environ nowful	Resourch	Building
	MOGRAPHIC DATA a are uncomfortable answering any of these of	questions, you may leave them blank.		
1.	Do you consent to participate in this research ✓ Yes ✓ No – If you do not consent to participate in this research.		vey	
2.	What is your age? Fill in the blank			
3.	Which gender do you identify with? ☐ A woman ☐ A man ☐ Other			
4.	What racial or ethnic group best describes y White / Caucasian ☐ Hispanic or Latino ☐ Black or African American ☐ Native American / American India ☐ Asian / Pacific Islander ☐ Other			
5.	What is the ZIP Code where you currently Fill in the blank <u>83706</u>	live?		
6.	What is the highest degree or level of school received. Sth grade or less Some high school, no diploma High school graduate, diploma or on the school gradu		d, highest de	gree
7.	What is your total household income, include fore taxes? This figure should include satisfied the income.			

ACTIVITY DATA
ACTIVITY DATA
8. Would you say that in general your health is:☐ Excellent☑ Good
□ Fair □ Poor
 9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity? Yes - Please list the activities running, camping, knyaking, hiking, movalant biking, or nature path No (skip to question 11)
LI No (skip to question II) burdaning, withing on nature part
10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?□ Daily
A few times per week
Once per week
 ☐ Less than once per week, but more than once per month ☐ Rarely – A few times during the summer ☐ Never
AIR QUALITY NOTIFICATION
 11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity? ✓ Yes ☐ No
12. Do you ever seek out information related to wildfire and smoke notifications?
b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13. Which source do you use to find wildfire smoke notifications? [Check all that apply] Social media (like Facebook, Instagram, Twitter) □ Television □ Online news sources
☐ Newspapers ☐ Friends or Family
Personal observation
State agencies such as Department of Environmental Quality website Idaho Smoke Information Blog
☐ Federal sources such as AIRnow.gov website
□ Dynamic road sign displays (such as the signs on I-184 or I-84)□ Other

14.	computer, tablet, or smartphone) for smoke-relations forecasts, or health notices? □ 0 days □ 1 days □ 2 days □ 3 days □ 4-5 days □ 6-7 days.	` `
15.	During summer of 2018, did you <i>ever</i> reduce yo ✓ Yes ✓ No ✓ Not applicable	ur outside activities due to wildfire smoke?
	During summer of 2018, think of the <i>longest</i> per eliminated your outdoor activities due to a smok reduce or eliminate activity? □ 0 days □ 1 to 2 days ■ 3 days □ 4 days □ 5 days □ 6 days and more	
	What is the <i>minimum</i> air quality index rating that on a particular day? ☐ Green – Good ☐ Yellow – Moderate ☐ Orange – Unhealthy for Sensitive Group ☑ Red – Unhealthy ☐ Purple – Very Unhealthy ☐ Maroon – Hazardous ☐ I am not familiar with this rating	t would cause you to <u>reduce your outdoor activity</u>
	What is the <i>minimum</i> air quality index rating that activity on a particular day? ☐ Green – Good ☐ Yellow – Moderate ☐ Orange – Unhealthy for Sensitive Group ☐ Red – Unhealthy ☐ Purple – Very Unhealthy ☐ Maroon – Hazardous ☐ I am not familiar with this rating	

10	If wour	lecided to limit your outdoor activity during a smoke event, what type of information
		ed your decision to do so? [Check all that apply]
		Smoke-related health problem statistics
		Air quality information
		Smoke forecasts
		Your own visual observation (seeing the smoke outside)
		Wildfire information
		Advice from your doctor
		Advice from family and friends
		- 10 10 10 11 10 11 10 10 10 10 10 10 10
	related X X X X X X X X X	rpe of message could motivate / motivated you to take action to mitigate the risk of issues to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply] Text message Phone call Social media message Online message Message seen on television Emergency alerts Contact from family or friends
	negativ	vas the <i>content</i> of the message(s) that motivated you to take this action to mitigate the e health impacts of wildfire smoke? [Check all that apply] A short message warning about the risk (1 line of text) A short message warning about the risk that included health or other statistics A short statement (roughly 1 paragraph) A visual infographic or picture An online Q&A session (Facebook Live or Instagram Live) A video A conversation (either online, via phone, or in person)
		would receiving a smoke warning message be most likely to impact your decision to limit doutdoor activities <i>that same day?</i>
		I would prefer to know the day before Early morning (before 9 AM) Late morning (9 AM – noon) Afternoon (Noon – 5 PM) Evening (5 PM or later)
23.	Will yo	u take preventive actions to reduce smoke-related health impacts in the future?
		Yes - Please list the actions you might take war breathing apparates, Alter, No Not sure

	consider wildfire smoke events a natural hazard?
	Yes yes, but its provantable.
	100
Ц	Not sure
25 As a say	blig health threat, are wildfing smales around more immertant, loss immertant, or shout as
	blic health threat, are wildfire smoke events more important, less important, or about as
-	ant as other natural disasters, such as hurricanes or tornadoes? Much less severe/important
	Somewhat less severe/important
	About as severe/important
	Somewhat more severe/important
	Much more severe/important
	witten more severe important
26. Would	you consider evacuating your home only because of the wildfire smoke?
	Yes, I have done this in the past.
	Yes, I would consider it
	No
	Prefer not to answer
HEALTH QU	JESTIONS
27. Have vo	ou, or anyone in your household, experienced wildfire smoke-related illness?
-	Yes
	No
	Not sure
	Not suite
20 5:1	
	have any of the following symptoms during or a few days after one of the smoke events
	ummer of 2018 in the Boise area / Treasure Valley? [Check all that apply]
	Wheezing or whistling in the chest
	Itchy or watery eyes
	Irritated eyes
28	Sneezing or a runny or blocked nose
	Dry irritated nose / sinuses
	A sore or irritated throat
	A cold
	A dry cough at night
N.	A dry cough first thing in the morning
	A dry cough at other times of the day
	A wet cough (congestion in the chest or phlegm production)
	Bronchitis
	An asthma attack
D	Headaches
	Fatigue

29. Did you	ruse/do any of the following to help with any symptoms during the smoke event? [Check
all that	apply]
	Take medication
	Wear a mask to protect your lungs
	Take long showers
	Visit a doctor or nurse
	Visit a doctor's office for asthma or smoke-related lung issues
≥	Use a personal air filtration system in your home or office
\square	Go to buildings that have air filtration systems like the mall or public library
	Miss work due to health problems

Date: 6/29/2018
Survey location: Boise State University

DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1.	Do you consent to participate in this research study? ✓ Yes ✓ No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank 21 4rs
3.	Which gender do you identify with? ☑ A woman ☐ A man ☐ Other
4.	What racial or ethnic group best describes you? ☐ White / Caucasian ☐ Hispanic or Latino ☐ Black or African American ☐ Native American / American Indian or Alaskan Native ☑ Asian / Pacific Islander ☐ Other
5.	What is the ZIP Code where you currently live? Fill in the blank <u>83705</u>
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received. □ 8th grade or less □ Some high school, no diploma □ High school graduate, diploma or GED ☑ Some college, no degree □ Associates degree □ Bachelor's degree □ Master's degree □ Ph.D, M.D., J.D. or similar
7.	What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

	TOTAL CONTRACTOR CONTR
ACT	IVITY DATA
8.	Would you say that in general your health is: ☐ Excellent ☐ Good ☐ Fair ☐ Poor
9.	During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening, running, or any other outdoor activity? Yes – Please list the activities hiking, biking, kayaking, rock Uimbing No (skip to question 11) Lamping
10	During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above? □ Daily X A few times per week □ Once per week □ Less than once per week, but more than once per month □ Rarely − A few times during the summer □ Never
AIR	QUALITY NOTIFICATION
11	. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity? ☐ Yes ☐ No
12	2. Do you ever seek out information related to wildfire and smoke notifications? A a. Yes
	b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13	Which source do you use to find wildfire smoke notifications? [Check all that apply] ☐ Social media (like Facebook, Instagram, Twitter) ☐ Television ☐ Online news sources ☐ Newspapers
	Friends or Family Personal observation State agencies such as Department of Environmental Quality website Idaho Smoke Information Blog Federal sources such as AIRnow.gov website Dynamic road sign displays (such as the signs on I-184 or I-84) Other

14.	In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices? □ 0 days □ 1 days □ 2 days □ 3 days □ 4-5 days □ 6-7 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke? ☐ Yes ☐ No ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity? □ 0 days □ 1 to 2 days □ 3 days □ 4 days □ 5 days □ 6 days and more
17.	. What is the <i>minimum</i> air quality index rating that would cause you to <u>reduce your outdoor activity</u> on a particular day? ☐ Green – Good ☐ Yellow – Moderate ☑ Orange – Unhealthy for Sensitive Groups ☐ Red – Unhealthy ☐ Purple – Very Unhealthy ☐ Maroon – Hazardous ☐ I am not familiar with this rating
18.	. What is the <i>minimum</i> air quality index rating that would cause you to <u>eliminate your outdoor activity</u> on a particular day? ☐ Green − Good ☐ Yellow − Moderate ☐ Orange − Unhealthy for Sensitive Groups ☐ Red − Unhealthy ☐ Purple − Very Unhealthy ☐ Maroon − Hazardous ☐ I am not familiar with this rating

10 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply] ☐ Smoke-related health problem statistics ☒ Air quality information ☐ Smoke forecasts ☒ Your own visual observation (seeing the smoke outside) ☐ Wildfire information ☐ Advice from your doctor ☐ Advice from family and friends
20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply] ☐ Text message ☐ Phone call ☐ Social media message ☐ Online message ☐ Message seen on television ☐ Emergency alerts ☐ Contact from family or friends
21. What was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply] A short message warning about the risk (1 line of text) A short message warning about the risk that included health or other statistics A short statement (roughly 1 paragraph) A visual infographic or picture An online Q&A session (Facebook Live or Instagram Live) A video A conversation (either online, via phone, or in person)
22. When would receiving a smoke warning message be most likely to impact your decision to limit
or avoid outdoor activities that same day? ☐ I would prefer to know the day before ☐ Early morning (before 9 AM) ☐ Late morning (9 AM – noon) ☐ Afternoon (Noon – 5 PM) ☐ Evening (5 PM or later)
23. Will you take preventive actions to reduce smoke-related health impacts in the future?
☐ Yes – Please list the actions you might take ☐ No ☐ Not sure

	consider wildfire smoke events a natural hazard? Yes No Not sure
importa	ablic health threat, are wildfire smoke events more important, less important, or about as ant as other natural disasters, such as hurricanes or tornadoes? Much less severe/important Somewhat less severe/important About as severe/important Somewhat more severe/important Much more severe/important
M	you consider evacuating your home only because of the wildfire smoke? Yes, I have done this in the past. Yes, I would consider it No Prefer not to answer
HEALTH QU	UESTIONS
X	ou, or anyone in your household, experienced wildfire smoke-related illness? Yes No Not sure
in the s	where any of the following symptoms during or a few days after one of the smoke events ammer of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest Itchy or watery eyes Irritated eyes Sneezing or a runny or blocked nose Dry irritated nose / sinuses A sore or irritated throat A cold A dry cough at night A dry cough first thing in the morning A dry cough at other times of the day A wet cough (congestion in the chest or phlegm production) Bronchitis An asthma attack Headaches Fatigue

29. Did you	use/do any of the following to help with any symptoms during the smoke event? [Check
all that	apply]
	Take medication
	Wear a mask to protect your lungs
	Take long showers
	Visit a doctor or nurse
	Visit a doctor's office for asthma or smoke-related lung issues
	Use a personal air filtration system in your home or office
72	Go to buildings that have air filtration systems like the mall or public library
	Miss work due to health problems

Date: 8/31/18
Survey location: BSU CAMPUS
ERB BUDDENG

DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank. 1. Do you consent to participate in this research study? Yes

No – If you do not consent to participate, please do not complete this survey 2. What is your age? Fill in the blank 22 3. Which gender do you identify with? A woman ☐ A man ☐ Other 4. What racial or ethnic group best describes you? White / Caucasian ☐ Hispanic or Latino ☐ Black or African American ☐ Native American / American Indian or Alaskan Native ☐ Asian / Pacific Islander ☐ Other ____ 5. What is the ZIP Code where you currently live? Fill in the blank &3709 6. What is the highest degree or level of school you completed? If currently enrolled, highest degree received. □ 8th grade or less ☐ Some high school, no diploma ☐ High school graduate, diploma or GED Some college, no degree ☐ Associates degree ☐ Bachelor's degree ☐ Master's degree ☐ Ph.D, M.D., J.D. or similar 7. What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income. □ \$25,000 or less **S** \$25,000 to \$49,999 □ \$50,000 to \$74,999 □ \$75,000 to \$99,999 □ \$100,000 or more

ACTIVITY	DATA
ACTIVITY	
X	you say that in general your health is: Excellent Good
	Fair Poor
fishing 🔀	summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, gardening, running, or any other outdoor activity? Yes – Please list the activities BASKETBALL CAMPONG
	No (skip to question 11)
you've	g the summer of 2018, how often would you say you've engaged in the outdoor activities listed above? Daily
	A few times per week
	Once per week Less than once per week, but more than once per month
	Rarely – A few times during the summer Never
AIR QUALI	TY NOTIFICATION
sugges	the summer of 2018, have you ever received an air quality notification message ting you avoid outside activity? Yes No
	a ever seek out information related to wildfire and smoke notifications? a. Yes
Ö	b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13. Which □	source do you use to find wildfire smoke notifications? [Check all that apply] Social media (like Facebook, Instagram, Twitter)
/	Television
	Online news sources Newspapers
	Friends or Family Personal observation
	State agencies such as Department of Environmental Quality website
	Idaho Smoke Information Blog
L <u>X</u> S	Federal sources such as AIRnow.gov website Dynamic road sign displays (such as the signs on I-184 or I-84)
	Other

14.	In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices? □ 0 days □ 1 days □ 2 days □ 3 days □ 4-5 days □ 6-7 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke? ✓ Yes ✓ No ✓ Not applicable
16.	During summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity? □ 0 days □ 1 to 2 days □ 3 days □ 4 days □ 5 days □ 6 days and more
17.	What is the <i>minimum</i> air quality index rating that would cause you to <u>reduce your outdoor activity</u> on a particular day? ☐ Green – Good ☐ Yellow – Moderate ☐ Orange – Unhealthy for Sensitive Groups ☐ Red – Unhealthy ☐ Purple – Very Unhealthy ☐ Maroon – Hazardous ☐ I am not familiar with this rating
18.	What is the <i>minimum</i> air quality index rating that would cause you to eliminate your outdoor activity on a particular day? Green – Good Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous I am not familiar with this rating

10 If and the limit and the li
 19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply] ☑ Smoke-related health problem statistics ☑ Air quality information ☐ Smoke forecasts
Your own visual observation (seeing the smoke outside)
☐ Wildfire information
Advice from your doctor
☐ Advice from family and friends
20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply] ☐ Text message ☐ Phone call ☐ Social media message ☐ Online message ☐ Message seen on television ☐ Emergency alerts ☐ Contact from family or friends
21. What was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply] ☐ A short message warning about the risk (1 line of text) ☐ A short message warning about the risk that included health or other statistics ☐ A short statement (roughly 1 paragraph) ☐ A visual infographic or picture ☐ An online Q&A session (Facebook Live or Instagram Live) ☐ A video ☐ A conversation (either online, via phone, or in person)
22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities <i>that same day?</i>
I would prefer to know the day before
Early morning (before 9 AM) Late morning (9 AM – noon)
☐ Afternoon (Noon – 5 PM)
☐ Evening (5 PM or later)
23. Will you take preventive actions to reduce smoke-related health impacts in the future?
☐ Yes – Please list the actions you might take
□ No
Not sure

NATURAL HAZARD QUESTIONS 24. Do you consider wildfire smoke events a natural hazard? Yes Yes □ No ☐ Not sure 25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes? ☐ Much less severe/important Somewhat less severe/important About as severe/important ☐ Somewhat more severe/important ☐ Much more severe/important 26. Would you consider evacuating your home only because of the wildfire smoke? ☐ Yes, I have done this in the past. Yes, I would consider it □ No ☐ Prefer not to answer **HEALTH OUESTIONS** 27. Have you, or anyone in your household, experienced wildfire smoke-related illness? ☐ Yes □ No Not sure 28. Did you have any of the following symptoms during or a few days after one of the smoke events

☑ Wheezing or whistling in the chest
☐ Itchy or watery eyes
☑ Irritated eyes
☑ Sneezing or a runny or blocked nose
☑ Dry irritated nose / sinuses
☐ A sore or irritated throat
☐ A dry cough at night
☐ A dry cough first thing in the morning
☐ A dry cough at other times of the day
☐ A wet cough (congestion in the chest or phlegm production)

☐ Bronchitis

☑ An asthma attack

☐ Headaches

☐ Fatigue

all that	u use/do any of the following to help with any symptoms during the smoke event? [Check apply] Take medication Wear a mask to protect your lungs
	Take long showers
	Visit a doctor or nurse
X	Visit a doctor's office for asthma or smoke-related lung issues
	Use a personal air filtration system in your home or office
	Go to buildings that have air filtration systems like the mall or public library
	Miss work due to health problems

Date:

Survey location: DEMOGRAPHIC DATA

If ,	you are uncomfortable	answering any	of these	nuestions	vou may	leave them	blank
TT.	you are unconnionable	answering any	A OT HIESE (duesnons.	you illay	leave mem	Ulalik

1.	Yes No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank 26
3.	Which gender do you identify with? A woman Other
4.	What racial or ethnic group best describes you? White / Caucasian Hispanic or Latino Black or African American Native American / American Indian or Alaskan Native Asian / Pacific Islander Other
5.	What is the ZIP Code where you currently live? Fill in the blank _83704
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received. Sth grade or less Some high school, no diploma High school graduate, diploma or GED Some college, no degree Associates degree Bachelor's degree Master's degree Ph.D, M.D., J.D. or similar
7.	What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income. □ \$25,000 or less □ \$25,000 to \$49,999 □ \$50,000 to \$74,999 □ \$75,000 to \$99,999 □ \$100,000 or more

A CTINITIAN DATA
ACTIVITY DATA
8. Would you say that in general your health is:
☐ Excellent ☐ Good
□ Fair
□ Poor
9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking,
fishing, gardening, running, or any other outdoor activity?
Yes-Please list the activities raffing, outder bike
□ No (skip to question 11)
10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?
☐ Daily
A few times per week
☐ Once per week
Less than once per week, but more than once per month
☐ Rarely – A few times during the summer ☐ Never
□ Never
AIR QUALITY NOTIFICATION
11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?
☐ Yes IV No
12. Do you ever seek out information related to wildfire and smoke notifications? (L) a. Yes
□ b. No (if you answered no to both questions 11 and 12, please skip to question 15)
13. Which source do you use to find wildfire smoke notifications? [Check all that apply] ☐ Social media (like Facebook, Instagram, Twitter)
☐ Television
☐ Online news sources ☐ Newspapers
☐ Newspapers ☐ Friends or Family
Personal observation
State agencies such as Department of Environmental Quality website
☐ Idaho Smoke Information Blog
☐ Federal sources such as AIRnow.gov website ☐ Dynamic road sign displays (such as the signs on I-184 or I-84)
Other

14.	In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices? □ 0 days □ 1 days □ 2 days □ 3 days □ 4-5 days □ 6-7 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke? ☐ Yes ☐ No ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity? O days 1 to 2 days 3 days 4 days 5 days 6 days and more
17.	What is the <i>minimum</i> air quality index rating that would cause you to reduce your outdoor activity on a particular day? Green – Good Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous I am not familiar with this rating
18.	What is the <i>minimum</i> air quality index rating that would cause you to eliminate your outdoor activity on a particular day? Green – Good Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information
motivated your decision to do so? [Check all that apply]
Smoke-related health problem statistics
☐ Air quality information
☐ Smoke forecasts
☐ Your own visual observation (seeing the smoke outside)
☐ Wildfire information
☐ Advice from your doctor
☐ Advice from family and friends
20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply] ☐ Text message ☐ Phone call ☐ Social media message
☐ Online message
Message seen on television
Emergency alerts
☐ Contact from family or friends
21. What was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply] A short message warning about the risk (1 line of text) A short message warning about the risk that included health or other statistics, A short statement (roughly 1 paragraph) A visual infographic or picture An online Q&A session (Facebook Live or Instagram Live) A video
A conversation (either online, via phone, or in person)
22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities <i>that same day</i> ? ☐ I would prefer to know the day before ☐ Early morning (before 9 AM) ☐ Late morning (9 AM – noon) ☐ Afternoon (Noon – 5 PM) ☐ Evening (5 PM or later)
23. Will you take preventive actions to reduce smoke-related health impacts in the future? Yes – Please list the actions you might take
□ No □ Not sure
in the suite

importan	lic health threat, are wildfire smoke events more important, less important, or about as at as other natural disasters, such as hurricanes or tornadoes? Much less severe/important Somewhat less severe/important About as severe/important Somewhat more severe/important Much more severe/important
	ou consider evacuating your home only because of the wildfire smoke? Yes, I have done this in the past. Yes, I would consider it No Prefer not to answer
HEALTH QU	ESTIONS
	u, or anyone in your household, experienced wildfire smoke-related illness? Yes No Not sure
	have any of the following symptoms during or a few days after one of the smoke events mmer of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest Itchy or watery eyes Irritated eyes Sneezing or a runny or blocked nose Dry irritated nose / sinuses A sore or irritated throat A cold A dry cough at night A dry cough first thing in the morning A dry cough at other times of the day A wet cough (congestion in the chest or phlegm production) Bronchitis An asthma attack Headaches Fatigue

29. Did you use/do any of the following to help with any symptoms during the smoke event? [Chec	al
all that apply]	νN
Take medication	
☐ Wear a mask to protect your lungs	
☐ Take long showers	
☐ Visit a doctor or nurse	
☐ Visit a doctor's office for asthma or smoke-related lung issues	
☐ Use a personal air filtration system in your home or office	
☐ Go to buildings that have air filtration systems like the mall or public library	
☐ Miss work due to health problems	

Date: 8-31-18 Survey location:

DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1.	Do you consent to participate in this research study? ✓ Yes ✓ No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank
3.	Which gender do you identify with? A woman A man Other
4.	What racial or ethnic group best describes you? White / Caucasian Hispanic or Latino Black or African American Native American / American Indian or Alaskan Native Asian / Pacific Islander Other Other
5.	What is the ZIP Code where you currently live? Fill in the blank 83706
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received. But the highest degree or level of school you completed? If currently enrolled, highest degree to some high school, no diploma thigh school, no diploma or GED to some college, no degree to Associates degree to Bachelor's degree to Master's degree to Ph.D, M.D., J.D. or similar
7.	What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income. □ \$25,000 or less □ \$25,000 to \$49,999 □ \$50,000 to \$74,999 □ \$75,000 to \$99,999 □ \$100,000 or more

ACTIVITY DATA	
8. Would you say that in general your health is:	
☐ Excellent	
Good	
☐ Fair ☐ Poor	
□ F001	
 9. During summer of 2018, have you engaged in any outdoor activities, such as hiking, biking, fishing, gardening running) or any other outdoor activity? Yes - Please list the activities Construction No (skip to question 11) 	
10. During the summer of 2018, how often would you say you've engaged in the outdoor activities you've listed above?	
☐ Daily	
A few times per week	
☐ Once per week	
☐ Less than once per week, but more than once per month☐ Rarely – A few times during the summer	
□ Never	
- INCVCI	
AIR QUALITY NOTIFICATION	
11. During the summer of 2018, have you ever received an air quality notification message suggesting you avoid outside activity?☐ Yes☐ No	
12. Do you ever seek out information related to wildfire and smoke notifications?	
b. No (if you answered no to both questions 11 and 12, please skip to question 15)	
13. Which source do you use to find wildfire smoke notifications? [Check all that apply] ☐ Social media (like Facebook, Instagram, Twitter) ☐ Television ☐ Online news sources ☐ Newspapers	
Friends or Family	
Personal observation	
☐ State agencies such as Department of Environmental Quality website ☐ Idaho Smoke Information Blog	
☐ Federal sources such as AIRnow.gov website	
☐ Dynamic road sign displays (such as the signs on I-184 or I-84)	
□ Other	

14.	In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices? □ 0 days □ 1 days □ 2 days □ 3 days □ 4-5 days □ 6-7 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke? ☐ Yes ☐ No ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity?
17.	What is the <i>minimum</i> air quality index rating that would cause you to reduce your outdoor activity on a particular day? Green – Good Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous I am not familiar with this rating
18.	What is the <i>minimum</i> air quality index rating that would cause you to eliminate your outdoor activity on a particular day? Green – Good Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information
motivated your decision to do so? [Check all that apply] Smoke-related health problem statistics Air quality information Smoke forecasts Your own visual observation (seeing the smoke outside) Wildfire information Advice from your doctor Advice from family and friends
20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply] ☐ Text message ☐ Phone call ☐ Social media message ☐ Online message ☐ Message seen on television ☐ Emergency alerts ☐ Contact from family or friends
 21. What was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply] ☐ A short message warning about the risk (1 line of text) ☐ A short message warning about the risk that included health or other statistics ☐ A short statement (roughly 1 paragraph) ☐ A visual infographic or picture ☐ An online Q&A session (Facebook Live or Instagram Live) ☐ A video ☐ A conversation (either online, via phone, or in person)
 22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities that same day? ☐ I would prefer to know the day before ☐ Early morning (before 9 AM) ☐ Late morning (9 AM – noon) ☐ Afternoon (Noon – 5 PM) ☐ Evening (5 PM or later)
23. Will you take preventive actions to reduce smoke-related health impacts in the future? Yes - Please list the actions you might take <u>lentinge checking</u> smoke states No No Not sure

□ Y □ N	
important □ M □ S □ A □ S	ic health threat, are wildfire smoke events more important, less important, or about as as other natural disasters, such as hurricanes or tornadoes? Much less severe/important omewhat less severe/important about as severe/important omewhat more severe/important Much more severe/important
□ Y □ Y □ N	ou consider evacuating your home only because of the wildfire smoke? Yes, I have done this in the past. Yes, I would consider it lo refer not to answer
HEALTH QUE	ESTIONS
in the sun	ave any of the following symptoms during or a few days after one of the smoke events amer of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest schy or watery eyes ritated eyes neezing or a runny or blocked nose Ory irritated nose / sinuses a sore or irritated throat a cold a dry cough at night a dry cough first thing in the morning a dry cough at other times of the day a wet cough (congestion in the chest or phlegm production) Fronchitis an asthma attack leadaches attigue

29. Did you	use/do any of the following to help with any symptoms during the smoke event? [Cheek
all that	apply]
	Take medication
	Wear a mask to protect your lungs
	Take long showers
	Visit a doctor or nurse
	Visit a doctor's office for asthma or smoke-related lung issues
	Use a personal air filtration system in your home or office
	Go to buildings that have air filtration systems like the mall or public library
	Miss work due to health problems

Date: 9/18/2018

Survey location: BSU ~ ERB building

DEMOGRAPHIC DATA

If you are uncomfortable answering any of these questions, you may leave them blank.

1.	Do you consent to participate in this research study? ✓ Yes ✓ No – If you do not consent to participate, please do not complete this survey
2.	What is your age? Fill in the blank32
3.	Which gender do you identify with? ☐ A woman ☐ A man ☐ Other
4.	What racial or ethnic group best describes you? White / Caucasian Hispanic or Latino Black or African American Native American / American Indian or Alaskan Native Asian / Pacific Islander Other
5.	What is the ZIP Code where you currently live? Fill in the blank <u>83706</u>
6.	What is the highest degree or level of school you completed? If currently enrolled, highest degree received. Sth grade or less Some high school, no diploma High school graduate, diploma or GED Some college, no degree Associates degree Bachelor's degree Master's degree Ph.D, M.D., J.D. or similar
7.	What is your total household income, including income from all members of your family, in 2017 before taxes? This figure should include salaries, wages, pensions, dividends, interest, and all other income.

 8. Would you say that in general your health is: ☐ Excellent ☐ Good ☐ Fair ☐ Poor 	
9. During summer of 2018, have you engaged in any outdoor activities, such as hikin fishing, gardening, running, or any other outdoor activity? ✓ Yes – Please list the activities Some hiking and biking plus □ No (skip to question 11)	
 10. During the summer of 2018, how often would you say you've engaged in the outdo you've listed above? □ Daily ☑ A few times per week □ Once per week □ Less than once per week, but more than once per month □ Rarely – A few times during the summer □ Never 	or activities
AIR QUALITY NOTIFICATION	
11. During the summer of 2018, have you ever received an air quality notification mes suggesting you avoid outside activity? ☐ Yes ☑ No	sage
12. Do you ever seek out information related to wildfire and smoke notifications? a. Yes (Some times)	
☐ b. No (if you answered no to both questions 11 and 12, please skip to ques	tion 15)
13. Which source do you use to find wildfire smoke notifications? [Check all that apply Social media (like Facebook, Instagram, Twitter) ☐ Television ☐ Online news sources ☐ Newspapers ☐ Friends or Family	у]
□ Personal observation □ State agencies such as Department of Environmental Quality website □ Idaho Smoke Information Blog □ Federal sources such as AIRnow.gov website □ Dynamic road sign displays (such as the signs on I-184 or I-84) □ Other	

ACTIVITY DATA

14.	In a smoky week in summer 2018, about how many days did you look online (either on a computer, tablet, or smartphone) for smoke-related information, such as air quality, smoke forecasts, or health notices? □ 0 days □ 1 days □ 2 days □ 3 days □ 4-5 days □ 6-7 days.
15.	During summer of 2018, did you <i>ever</i> reduce your outside activities due to wildfire smoke? ☐ Yes ☐ No ☐ Not applicable
16.	During summer of 2018, think of the <i>longest</i> period of consecutive days you reduced or eliminated your outdoor activities due to a smoke event. How many consecutive days did you reduce or eliminate activity? O days 1 to 2 days 3 days 4 days 5 days 6 days and more
17.	What is the <i>minimum</i> air quality index rating that would cause you to reduce your outdoor activity on a particular day? Green – Good Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous I am not familiar with this rating
18.	What is the <i>minimum</i> air quality index rating that would cause you to eliminate your outdoor activity on a particular day? Green – Good Yellow – Moderate Orange – Unhealthy for Sensitive Groups Red – Unhealthy Purple – Very Unhealthy Maroon – Hazardous I am not familiar with this rating

19. If you decided to limit your outdoor activity during a smoke event, what type of information motivated your decision to do so? [Check all that apply] □ Smoke-related health problem statistics □ Air quality information □ Smoke forecasts □ Your own visual observation (seeing the smoke outside) □ Wildfire information □ Advice from your doctor □ Advice from family and friends
20. What type of message could motivate / motivated you to take action to mitigate the risk of issues related to wildfire smoke, such as staying indoors or leaving the area? [Check all that apply] ☐ Text message ☐ Phone call ☐ Social media message ☐ Online message ☐ Message seen on television ☐ Emergency alerts ☐ Contact from family or friends
21. What was the <i>content</i> of the message(s) that motivated you to take this action to mitigate the negative health impacts of wildfire smoke? [Check all that apply] A short message warning about the risk (1 line of text) A short message warning about the risk that included health or other statistics A short statement (roughly 1 paragraph) A visual infographic or picture An online Q&A session (Facebook Live or Instagram Live) A video A conversation (either online, via phone, or in person) Old not take any specific Message:
22. When would receiving a smoke warning message be most likely to impact your decision to limit or avoid outdoor activities that same day? ✓ I would prefer to know the day before ✓ Early morning (before 9 AM) ☐ Late morning (9 AM – noon) ☐ Afternoon (Noon – 5 PM) ☐ Evening (5 PM or later)
23. Will you take preventive actions to reduce smoke-related health impacts in the future? Yes - Please list the actions you might take Staying Indoors or Use Car to Communication No. No Not sure

 24. Do you consider wildfire smoke events a natural hazard? ✓ Yes ☐ No ☐ Not sure 	
25. As a public health threat, are wildfire smoke events more important, less important, or about as important as other natural disasters, such as hurricanes or tornadoes? ☐ Much less severe/important ☐ Somewhat less severe/important ☐ About as severe/important ☐ Somewhat more severe/important ☐ Much more severe/important ☐ Much more severe/important	2
26. Would you consider evacuating your home only because of the wildfire smoke? ☐ Yes, I have done this in the past. ☐ Yes, I would consider it ☐ No ☐ Prefer not to answer	
HEALTH QUESTIONS	
27. Have you, or anyone in your household, experienced wildfire smoke-related illness? ☐ Yes ☐ No ☐ No ☐ Not sure	
28. Did you have any of the following symptoms during or a few days after one of the smoke events in the summer of 2018 in the Boise area / Treasure Valley? [Check all that apply] Wheezing or whistling in the chest Itchy or watery eyes Irritated eyes Sneezing or a runny or blocked nose Dry irritated nose / sinuses A sore or irritated throat A cold A dry cough at night A dry cough first thing in the morning A dry cough at other times of the day A wet cough (congestion in the chest or phlegm production) Bronchitis An asthma attack Headaches Fatigue	

29. Did you	i use/do any of the following to help with any symptoms during the smoke event? [Check
all that	apply]
	Take medication
	Wear a mask to protect your lungs
	Take long showers
	Visit a doctor or nurse
	Visit a doctor's office for asthma or smoke-related lung issues
	Use a personal air filtration system in your home or office
	Go to buildings that have air filtration systems like the mall or public library
	Miss work due to health problems