



How does **gospel mission** connect with **environment-related suffering?**

Debris lines the streets of Tacloban, Leyte island, after a typhoon in 2013. Source: Wikimedia Commons



How can **climate data** inform how **people** and
organizations plan and **serve?**



MISSION
FRONTIERS

Insight

IJFM



JOSHUA
PROJECT

Global Prayer
Digest

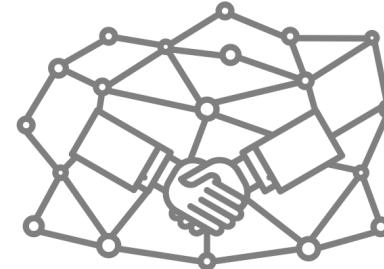


Perspectives
on the World Christian Movement





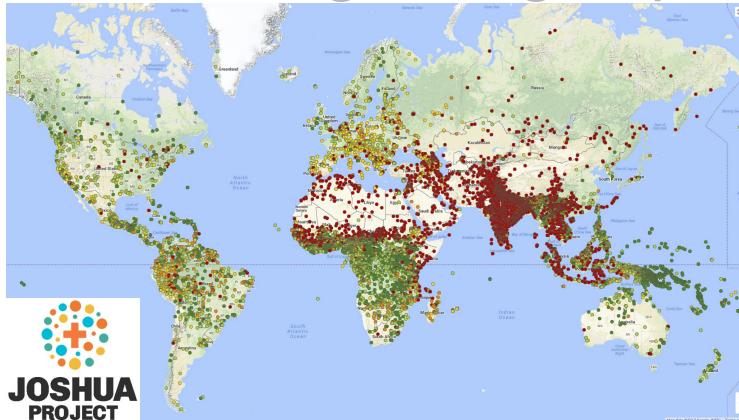
Christians
discerning their
calling



Organizations
setting strategy &
communicating
needs



% evangelical
(continent)
(ethno-linguistic group)



2030 mortality rate
(country) (carbon industry)



IN	IND	India	1/b10 Malava	Malava	/5,b03/164	13,196943/b	2b.000	Y	1 tcy	Iulu
PP	PNG	Papua New Guinea	13927 Nalik, Lugagon	Nalik	151,33273	-2,94494	12.000	N	5 nal	Nalik
ET	ETH	Ethiopia	14598 Russian	Russian	38,789576	9,02127	700	N	3 rus	Russian
EG	EGY	Egypt	10125 Abaza, Arabized	Abaza	31,567505	30,492752	14.000	Y	1 arz	Arabic, Egyptian Spoken
MX	MEX	Mexico	14002 Mixteco, Ixtayutla	Mixteco, Ixtayutla	-97,57463	16,57636	8.400	N	4 vmj	Mixtec, Ixtayutla
MY	MYS	Malaysia	10606 Balinese	Balinese	103,7590393	1,493835043	5.900	Y	1 ban	Bali
IN	IND	India	15464 Tharu	Tharu	84,902103	26,748738	456.000	Y	1 thq	Tharu, Madhya-Purbiya
IN	IND	India	17163 Khavar	Khavar	71,09306108	22,54715744	149.000	Y	1 guj	Gujarati
CG	COD	Congo, Democratic Republic of	10468 Pygm, Asua	Pygmy, Asua	26,69976	2,24638	42.000	N	4 asv	Asoa
US	USA	United States	14167 Onondaga	Onondaga	-76,20884	42,8933	1.700	N	4 ono	Onondaga
RP	PHL	Philippines	19570 Itneg, Moyadan	Itneg, Moyadan	120,70055	17,42381	16.000	N	5 ity	Itneg, Moyadan
BN	BEN	Benin	11223 Foodo	Foodo	1,40228	9,56297	41.000	Y	1 fod	Foodo
UK	GBR	United Kingdom	11065 Belarusian	Belarusian	-0,103922469	51,4378108	5.700	N	3 bel	Belarusian
AF	AFG	Afghanistan	14256 Pashtun, Northern	Pashtun, Northern	68,363	33,562	2.570.000	Y	1 pbu	Pashto, Northern
CG	COD	Congo, Democratic Republic of	14604 Ruund, Kambwe Lunda	Ruund	22,91577	-8,99335	252.000	N	5 rnd	Ruund
QA	QAT	Qatar	15104 Arab, Sudanese	Arab, Sudanese	51,54190909	25,28012635	52.000	Y	1 apd	Arabic, Sudanese Spoken
VE	VEN	Venezuela	19054 Mandahuaca, Bare	Mandahuaca	-66,80437	1,94686	3.000	N	4 spa	Spanish
AQ	ASM	American Samoa	12322 Japanese	Japanese	-170,709739	-14,276768	1.000	Y	1 jpn	Japanese
IN	IND	India	17071 Kamrai	Kamrai	81,71886763	24,93277969	400	Y	1 bfy	Bagheli
NI	NGA	Nigeria	11043 Ijaw, Northeast Central	Ijaw, Northeast Central	6,52359	5,38661	9.300	N	4 ije	Biseni
EK	GNQ	Equatorial Guinea	13372 Ngumbi	Ngumbi	9,75783	1,82628	17.000	N	4 nui	Kombe
SN	SGP	Singapore	14274 Palembang	Palembang	103,8833606	1,315100103	11.000	Y	1 mui	Musi
PK	PAK	Pakistan	18036 Saryara (Muslim traditions)	Saryara (Muslim traditions)	74,61778792	36,43004332	1.600	Y	1 scl	Shina
BR	BRA	Brazil	11098 Carapana	Carapana	-69,65866	0,06053	50	N	4 cbc	Carapana
NI	NGA	Nigeria	12437 Kakanda	Kakanda	6,55328	8,3483	42.000	Y	1 kka	Kakanda
IN	IND	India	17036 Kachera (Hindu traditions)	Kachera (Hindu traditions)	85,99171802	21,04265035	61.000	Y	1 ory	Odia
IR	IRN	Iran	14409 Pishagchi	Pishagchi	51,36540438	35,68148058	1.300	Y	1 azb	Azerbaijani, South
SG	SEN	Senegal	11772 Fulani, Fulakunda	Fulani, Fulakunda	-14,93898579	12,89635141	1.775.000	Y	1 fuc	Pulaar
SF	ZAF	South Africa	15727 Urdu	Urdu	30,70614	-29,93794	14.000	Y	1 urd	Urdu
MY	MYS	Malaysia	11623 Duanو, Orang Kuala	Duanو	103,1209	1,75011	4.900	Y	1 dup	Duanو
RS	RUS	Russia	12273 Italian	Italian	37,767883	55,743596	1.400	N	3 ita	Italian
NI	NGA	Nigeria	13135 Lubila, Kabilia	Lubila	8,29144	5,46005	19.000	N	5 kcc	Lubila
IN	IND	India	17153 Kharia	Kharia	84,94438709	22,92089433	744.000	N	2 khr	Kharia
CH	CHN	China	19622 Phula	Phula	108,954	28,264	7.100	Y	1 phu	Phula
IN	IND	India	18784 Malaikudi	Malaikudi	75,03234713	13,10463015	9.300	Y	1 tcy	Tulu
NS	SUR	Suriname	14771 Sarnami Hindi, Caribbean Hindi	Sarnami Hindi	-55,652	5,885	161.000	N	5 hns	Hindustani, Sarnami
NZ	NZL	New Zealand	14864 Serb	Serb	174,878765	-36,91588408	1.100	N	3 srp	Serbian
VE	VEN	Venezuela	14751 Sanuma, Xamatari	Yanomami-Sanuma	-64,51892	4,34429	1.500	N	4 xsu	Sanuma
TT	TLS	East Timor	10153 Adabe	Adabe	125,58441	-8,23019	5.900	N	4 adb	Adabe
IV	CIV	Côte d'Ivoire	11550 Senoufo, Shempire	Senoufo, Shempire	-6,36775	10,46457	161.000	N	2 seb	Senoufo, Shempire
AS	AUS	Australia	19207 Albanian, general	Albanian, general	151,073894	-33,744347	37.000	N	2 als	Albanian, Tosk
SW	SWE	Sweden	15641 Arab, Tunisian	Arab, Tunisian	17,984157	59,297692	4.100	Y	1 aeb	Arabic, Tunisian Spoken
IN	IND	India	16735 Domal	Domal	74,82961655	33,86814878	13.000	Y	1 urd	Urdu
US	USA	United States	13763 Mohave	Mohave	-114,61663	34,90166	2.200	N	4 mov	Mohave
RP	PHL	Philippines	20530 Bontoc, Southern	Bontoc, Southern	121,006726	17,046309	3.300	N	4 obk	Bontoc, Southern
BY	BDI	Burundi	11942 Greek	Greek	29,344144	-3,335674	700	N	3 ell	Greek
NI	NGA	Nigeria	15377 Mbube, Western	Mbube, Western	8,82265	6,57751	78.000	N	4 mfo	Mbe
CF	COG	Congo, Republic of the	12862 Kunyi	Kunyi	12,79065	-4,14963	141.000	N	4 njx	Kunyi
MX	MEX	Mexico	15353 Zapoteco, Mitla	Zapoteco, Mitla	-96,29443	16,86849	35.000	N	4 zav	Zapoteco, Mitla
PK	PAK	Pakistan	19655 Hajam	Hajam	73,24983099	31,36099733	2.102.000	Y	1 pnb	Punjabi, Western
IN	IND	India	17491 Bhoi (Muslim traditions)	Bhoi (Muslim traditions)	80,11064138	29,06163702	13.000	Y	1 urd	Urdu
UG	UGA	Uganda	15561 Battooro	Battooro	30,54946	0,54283	1.045.000	N	5 ttj	Tooro
EC	ECU	Ecuador	14598 Quichua, Northern Pastaza	Quichua, Northern Pastaza	77,17473	1,78244	9.000	N	3 qaz	Quichua, Northern Pastaza

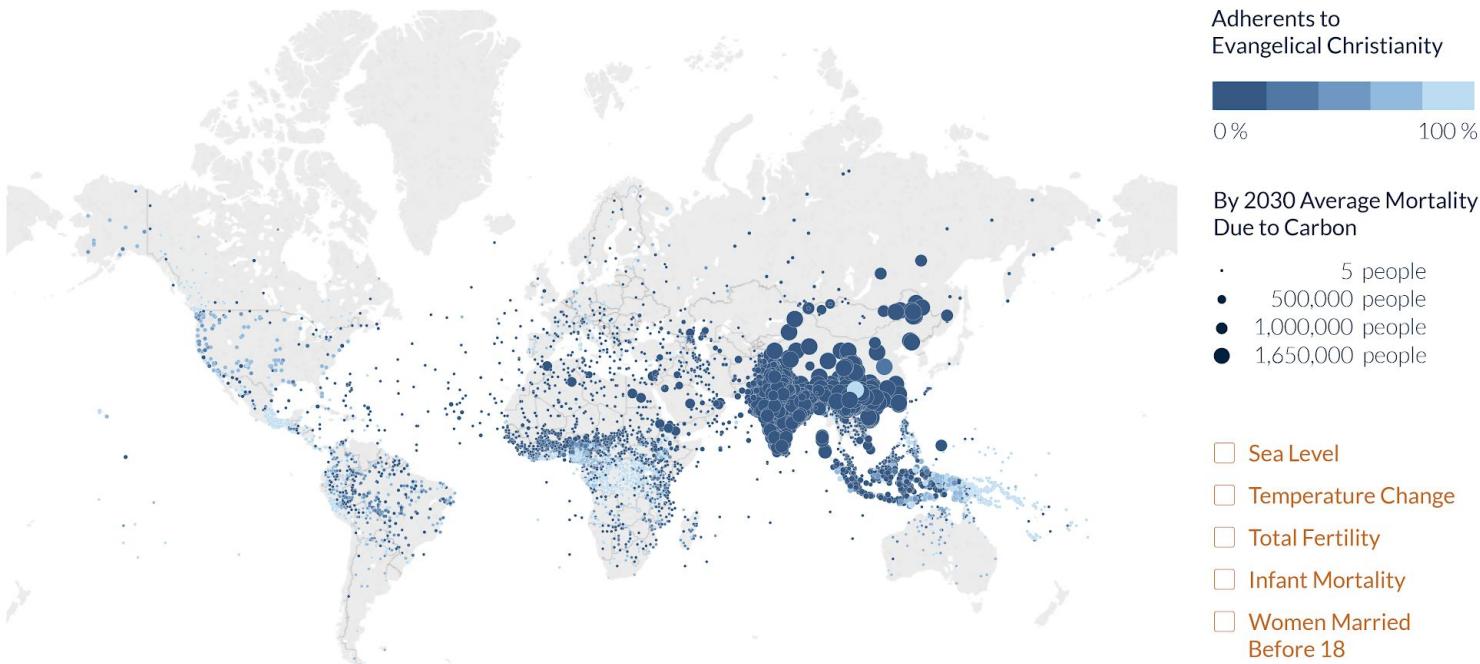
UNREACHED PEOPLE GROUPS & ENVIRONMENT

SUSTAINABLE
BUSINESS

CLIMATE
CHANGE

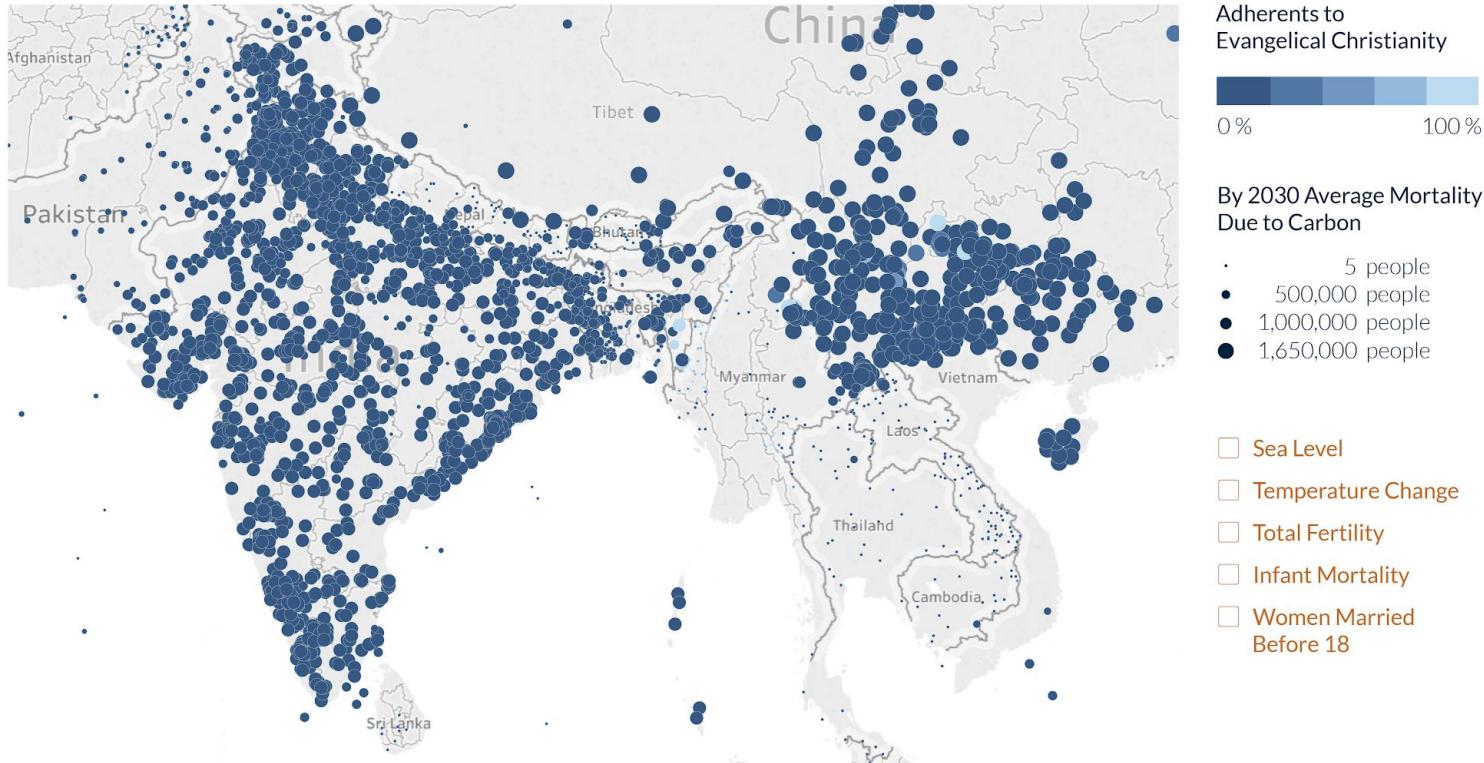
AGRICULTURAL
ECOLOGY

DISASTER
RESILIENCE



UNREACHED PEOPLE GROUPS & ENVIRONMENT

Unreached Groups in South Asia



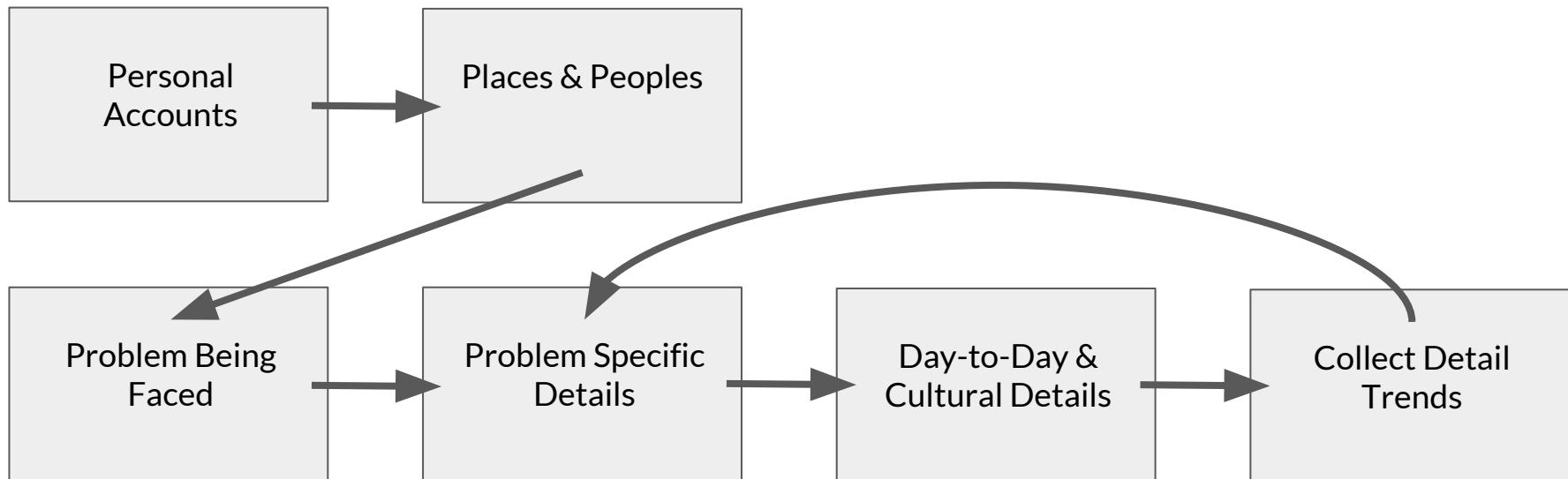
Who are they?

What's their story?

What It's Like To Breathe Some Of The Most Polluted Air In The World



How Do We Connect Data and Stories?





Country

People
Group



Country

**People
Group**

Which **unreached** people groups are most vulnerable to **climate change**?

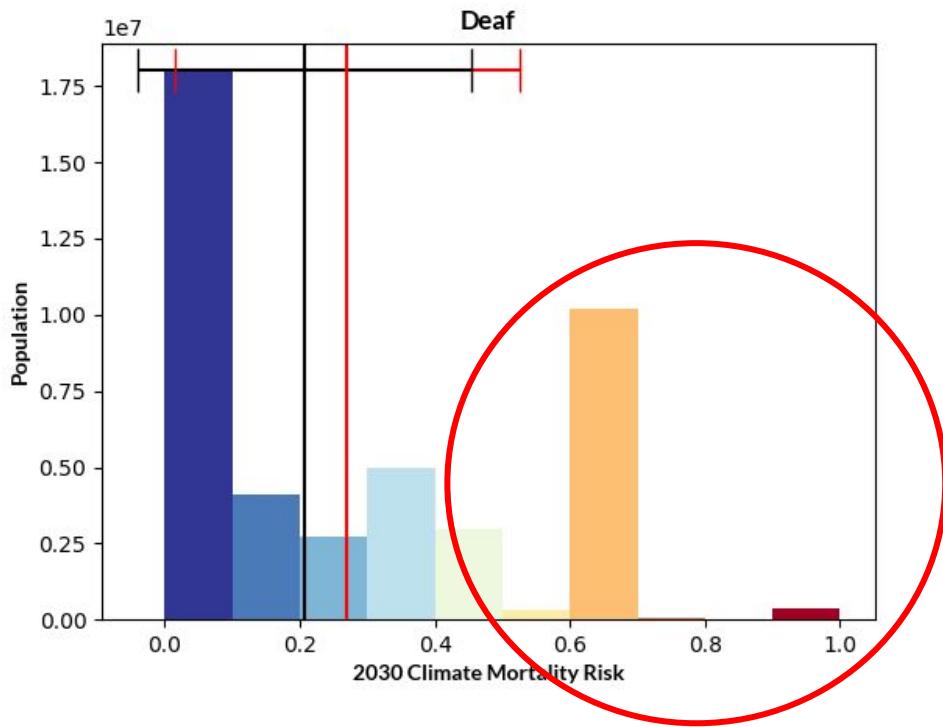
Country



People
Group

We can **strategize / plan**: where to **focus** and how to **optimize** our resources

Data Analysis: Example



Horizontal (↔)

Projected risk of **mortality** due to climate change effects by 2030

- More right = higher risk / vulnerability

Height (↑)

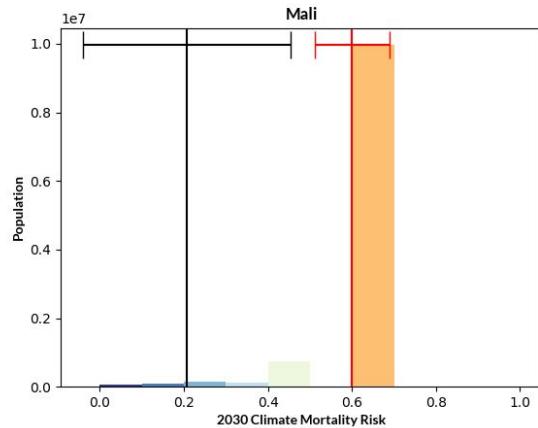
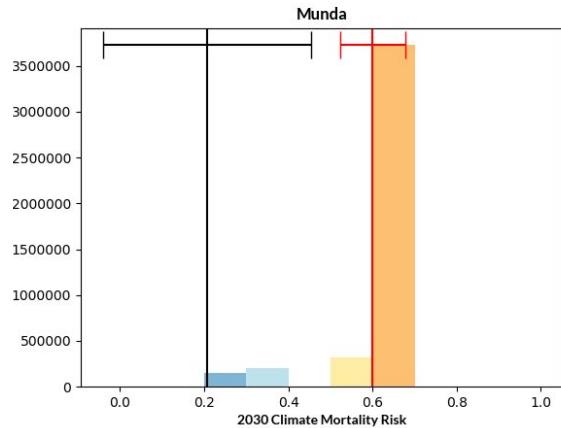
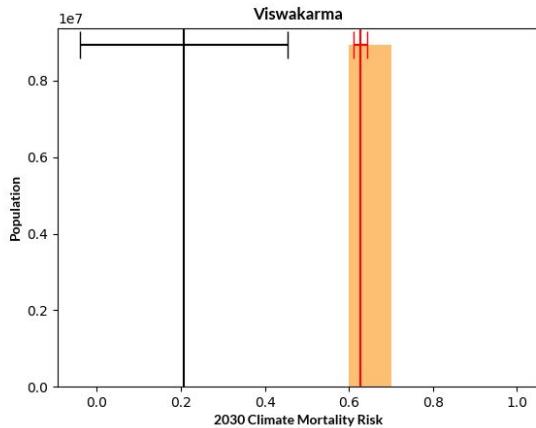
Number of people at risk

vs Global Mortality Risk

Are they at lower / higher risk compared to the rest of the world?

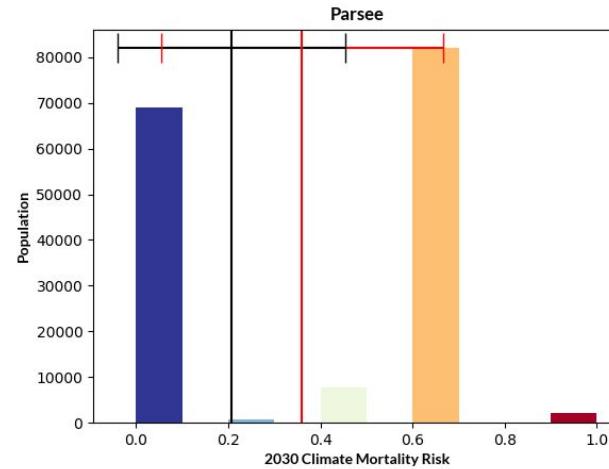
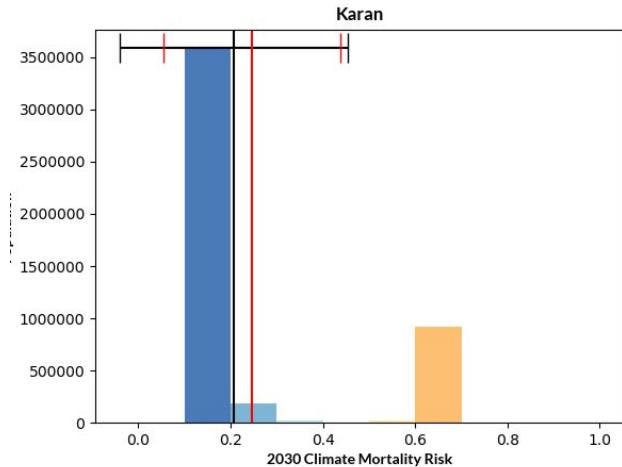
- Red = People Group
- Black = Global

Data Analysis: High Mortality Risk



- Vulnerable to the effects of climate change by **2030**
 - **Lose homes** from rising sea levels
 - Starvation from severe droughts
- Ex) High Risk Viswakarma: **Sri Lanka / India**

Data Analysis: Low Risk with Outliers of High Risk



- Statistically, these people groups are relatively at low risk.
- Outliers reveal the distributed people groups that are actually at risk.
 - High Risk Karan: India, Chad
 - High Risk Parsee: India, Pakistan, Bangladesh

REIMAGINING MISSIONS



REIMAGINING MISSIONS

A circular collage of various global scenes, including people, landscapes, and architectural structures from around the world, serving as a background for the text.

IMAGINE the new missionaries that'll be **inspired** by seeing the vocational needs across the world.

REIMAGINING MISSIONS



IMAGINE the new missionaries that'll be **inspired** by seeing the vocational needs across the world.

IMAGINE how missions organizations can **strategize**, plan and **optimize** their resources for the future.

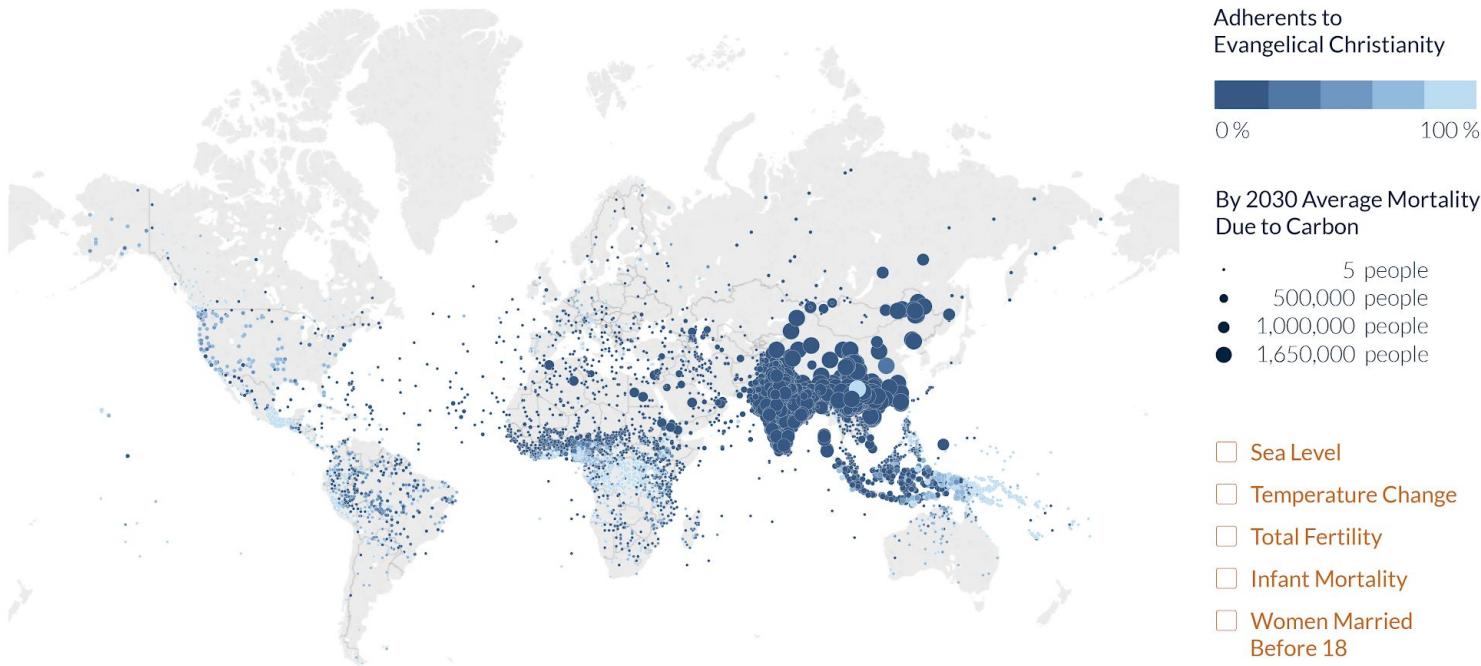
UNREACHED PEOPLE GROUPS & ENVIRONMENT

SUSTAINABLE
BUSINESS

CLIMATE
CHANGE

AGRICULTURAL
ECOLOGY

DISASTER
RESILIENCE



THANKS FOR LISTENING



Data Visualization

Gospel mission and creation care