How would yo	ou describe your institutional affiliation(s)?
	Research (institution or university) (1)
	NGO Sector (2)
	Other (5)
	Government (3)
	Multi-lateral Organization (4)
For the select	red institution(s), please share your position title(s).
How many ye similar fields?	ars of experience do you have in the field of climate change, migration, or other
○ 1-4 ye	ars (1)
○ 5-9 ye	ars (2)
O 10-14	years (3)
O 15-19	years (5)
○ 20+ ye	ears (4)
To help us be country of res	tter understand our survey participant demographics, please share your current idence.
▼ Afghanist	an (1) Zimbabwe (1357)

countries).
▼ Afghanistan (1) Zimbabwe (1357)
Which slow onset hazard do you have the <u>most direct</u> experience with (either through in-depth desk research or field studies)?
O drought (1)
O coastal/ river erosion (2)
O heat waves (3)
O land and forest degradation (4)
O flooding (5)
O salinisation (6)
O sea level rise (7)

Start of Block: Factor Definitions

End of Block: Demographics/ Experience

The questions you will be presented in this survey will ask you to consider the relationships between the top climate migration factors identified in literature. These factors, in ranked order, include:

	Migration Factor	Definition	Examples
1.	Financial Capital	Money available to an individual or household or assets that can be sold	Remittances, equipment, vehicles, livestock, tenure, etc.
2.	Livelihoods	The capabilities and activities that determine the living gained by an individual or household	Economic opportunity in destination location that pulls individuals to move or livelihood (crops, livestock, tourism) failure because of climate related hazards

3.	Health	The physical and mental well-being of an individual	Fitness; Lack of disease, loneliness, or overwhelming stress
4.	Political Stability	Ability of a political system to survive through crises without internal warfare	Citizens have acknowledged rights and freedoms; lack of resource conflicts, corruption, or unrest
5.	Resource Security	The ability of an individual or household to secure access to their current level of natural resource demand	Water, timber, clean air, etc.
6.	Food Security	Access to sufficient, safe, and nutritious food that meets an individual's food preferences and dietary needs for an active and healthy life	Availability of crops or other food resources
7.	Social Services	Government services provided for the benefit of the community's well-being	Health and education services, sanitation systems, amenities (i.e. outdoor recreation)
8.	Social Capital	The networks of relationships among people who live and work in a particular society	Support systems of family or friends
9.	Physical Infrastructure	Private and public built environment assets	Hospitals, schools, utility systems, roads, or homes
	Migration	Movement of an individual or household from one place to another	Movement over jurisdictional boundary for longer than a 3-month period (assume across municipal boundary for this study)

For each factor, you will be asked to provide your perceptions on its relation to other factors, both in terms of polarity and strength.

<u>Polarity</u> indicates whether a factor has a direct or positive (+) influence or an inverse or negative (-) influence. Polarity is important for us to know as it can give insight into how the systems of interconnected factors might change over time.

A **positive (+) polarity** indicates that if a factor influencing (denoted with an arrow) another factor INCREASES, the factor it is connected to will also INCREASE/IMPROVE.

A **negative (-) polarity** indicates that if a factor influencing (denoted with an arrow) another factor INCREASES, the factor that it's connected to will DECREASE/DEGRADE.

No Relationship can be selected for pairs that have no clear causal relationship.

Both increases and decreases (+/-) can also be selected in instances where both positive (+) and negative (-) polarity are likely. For example, in certain situations poverty may lead to *or* deter migration.

Please note that the arrow () indicates directionality where you will be asked how Factor A influences Factor B, <u>NOT</u> how Factor B influences Factor A.

Strength will be measured on a 5 point likert scale where:

Very weak indicates that the first factor only has *minimal influence* over the effected factor **Weak** indicates that the first factor has *slight influence* over the effected factor **Unclear** should be selected when there *is* a causal relationship, but you are unsure of its strength

Strong indicates that the effected factor is *heavily influenced* by the first factor **Very strong** indicates that the effected factor is *nearly entirely dependent* on the first factor Strength will help us evaluate the importance of each factor in the system when creating our causal loop diagrams.

Each influencing factor should be considered as present in the system in order to evaluate its relationship to the effected factor.

For example:

Financial Capital Livelihoods

This question should be read as, "If an individual or household has financial capital, it _____ their livelihood", where the blank can be filled in with "increases/improves" (direct relationship), "decreases/ degrades" (inverse relationship), "both increases and decreases", or no relationship.

You will not be able to return to this page but the definitions for each factor, as used in this study, as well as these notes can also be found in the 'Survey reference sheet' pdf linked here as well as in your invitation email. Factor definitions will also appear if you hover over terms in the form.

If you have any questions as you are completing the survey, please feel free to reach out to Emily Nabong, emily.nabong@sydney.edu.au, for clarification.

End of Block: Factor Definitions

Start of Block: Financial Capital



Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **financial capital** interacts with the following factors.

		Polarity: How does financial capital affect each factor? How strong is this relationship?		p?			
			Very Weak	Weak	Unclear	Strong	Very Strong
Financial • Capital	Social Services	~	0	0	0	0	0
Financial • Capital	? Health	~	0	0	0	0	0
Financial • Capital	Social Capital	~	0	0	0	0	0
Financial • Capital	? Migration	~	0	0	0	0	0
Financial Capital	Physical Infrastructure	~	0	0	0	0	0
Financial Capital	Political Stability	~	0	0	0	0	0
Financial • Capital	Resource Security	~	0	0	0	0	0
Financial 'Capital	? Livelihoods	~	0	0	0	0	0
Financial T	Food Security	~	0	0	0	0	0
	Construit		Very Weak	Weak	Unclear	Strong	Very Strong

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Start of Block: Livelihoods

Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **livelihoods** interact with the following factors.

		Polarity: How do livelihoods affect each factor?	F	low stroi	ng is this re	elationshi	p?
			Very Weak	Weak	Unclear	Strong	Very Strong
Livelihoods -	Social Capital	~	0	0	0	0	0
Livelihoods ?	Physical Infrastructure	~	0	0	0	0	0
Livelihoods ?	Social Services	~	0	0	0	0	0
Livelihoods -?	Resource Security	~	0	0	0	0	0
Livelihoods ?	Political Stability	~	0	0	0	0	0
Livelihoods ?	Food Security	~	0	0	0	0	0
Livelihoods -?	→ Migration	~	0	0	0	0	0
Livelihoods ?	Financial Capital	~	0	0	0	0	0
Livelihoods ?	► Health	~	0	0	0	0	0
			Very Weak	Weak	Unclear	Strong	Very Strong

	se provide any additional insights or questions you may have about any of the lir strengths you indicated above, if necessary.	ık polarities
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End	of Block: Livelihoods	
Start	t of Block: Health	

X

Assuming conditions of \${Q5/ChoiceGroup/SelectedChoices} are present in a community, please select the most appropriate choices for how **health** interacts with the following factors.

	Polarity: How does adequate health affect each factor?	F	low stro	ng is this re	elationshi	p?
		Very Weak	Weak	Unclear	Strong	Very Strong
Health Physical Infrastructure	~	0	0	0	0	0
Health Social Services	~	0	0	0	0	0
Health Food Security	~	0	0	0	0	0
Political Stability	~	0	0	0	0	0
Health Resource Security	~	0	0	0	0	0
Health Financial Capital	~	0	0	0	0	0
Health PLivelihoods	~	0	0	0	0	0
Health Social Capital	~	0	0	0	0	0
Health ** Migration	~	0	0	0	0	0
		Very Weak	Weak	Unclear	Strong	Very Strong

	ise provide any additional insights or questions you may have about any of the lir strengths you indicated above, if necessary.	ik polarities
unu	Suchgare year maleated above, in necessary.	
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End	of Block: Health	
Star	t of Block: Political Stability	

X

Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **political stability** interacts with the following factors.

		Polarity: How does political stability affect each factor?	F	low stroi	ng is this re	elationshi	p?
			Very Weak	Weak	Unclear	Strong	Very Strong
Political Stability	Physical Infrastructure	~	0	0	0	0	0
Political • Stability	? Livelihoods	~	0	0	0	0	0
Political 'Stability	Social Capital	~	0	0	0	0	0
Political • Stability	Financial Capital	~	0	0	0	0	0
Political 'Stability	? Health	~	0	0	0	0	0
Political 'Stability	Social Services	~	0	0	0	0	0
Political • Stability	Resource Security	~	0	0	0	0	0
Political • Stability	Food Security	~	0	0	0	0	0
Political Stability	? Migration	~	0	0	0	0	0
Stability			Very Weak	Weak	Unclear	Strong	Very Strong

Start of Block: Resource Security



Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **resource security** interacts with the following factors.

	Polarity: How does resource security affect each factor?	H	low stror	ng is this re	elationshi	p?
		Very Weak	Weak	Unclear	Strong	Very Strong
Resource Food Security	~	0	0	0	0	0
Resource Social Capital	~	0	0	0	0	0
Resource Livelihoods Security	<u> </u>	0	0	0	0	0
Resource Security Social Services	~	0	0	0	0	0
Resource Migration Security	~	0	0	0	0	0
Resource Physical Infrastructure	~	0	0	0	0	0
Resource Health Security	~	0	0	0	0	0
Resource Political Stability	~	0	0	0	0	0
Resource Financial Security Capital	~	0	0	0	0	0
and the second of the second		Very Weak	Weak	Unclear	Strong	Very Strong

Start of Block: Food Security



Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **food security** interacts with the following factors.

		Polarity: How does food security affect each factor?	H	low stroi	ng is this re	elationshi	p?
			Very Weak	Weak	Unclear	Strong	Very Strong
Food Security	Physical Infrastructure	~	0	0	0	0	0
Food Poority	Livelihoods	~	0	0	0	0	0
Food Security	Migration	~	0	0	0	0	0
Food Poority	Resource Security	~	0	0	0	0	0
Food Security	Social Services	~	0	0	0	0	0
	Social Capital	~	0	0	0	0	0
	Financial Capital	~	0	0	0	0	0
Food Security	Political Stability	~	0	0	0	0	0
Food Poor	Health	~	0	0	0	0	0
occurry			Very Weak	Weak	Unclear	Strong	Very Strong

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Start of Block: Social Services



Assuming conditions of \${Q5/ChoiceGroup/SelectedChoices} are present in a community, please select the most appropriate choices for how **social services** interact with the following factors.

		Polarity: How do adequate social services affect each factor?	F	low stroi	ng is this re	elationshi	p?
			Very Weak	Weak	Unclear	Strong	Very Strong
Social He Services	ealth	~	0	0	0	0	0
Social ? Liv	velihoods	· •	0	0	0	0	0
	itical bility	~	0	0	0	0	0
Social Mi Services	gration	~	0	0	0	0	0
	source	~	0	0	0	0	0
	nancial Capital	~	0	0	0	0	0
	ocial apital	~	0	0	0	0	0
Social Fo	od ecurity	~	0	0	0	0	0
	ysical frastructure	~	0	0	0	0	0
	1.		Very Weak	Weak	Unclear	Strong	Very Strong

e provide any additional insights or questions you may have about any of the li	nk polarities
trengths you indicated above, if necessary.	
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of Block: Social Services	
of Block: Social Capital	

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Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **social capital** interacts with the following factors.

	Polarity: How does social capital affect each factor?	H	low stror	ng is this re	elationshi	p?
		Very Weak	Weak	Unclear	Strong	Very Strong
Social Social Services	~	0	0	0	0	0
Social Migration Capital	*	0	0	0	0	0
Social Resource Capital Security	~	0	0	0	0	0
Social Political Capital Stability	~	0	0	0	0	0
Social Physical Capital Infrastructure	~	0	0	0	0	0
Social PLivelihoods Capital	~	0	0	0	0	0
Social Pealth Capital	~	0	0	0	0	0
Social Food Capital Security	~	0	0	0	0	0
Social Financial Capital Capital	~	0	0	0	0	0
		Very Weak	Weak	Unclear	Strong	Very Strong

Start of Block: Physical Infrastructure



Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **physical infrastructure** interacts with the following factors.

	Polarity: How does physical infrastructure affect each factor?	F	low stro	ng is this re	elationshi	p?
		Very Weak	Weak	Unclear	Strong	Very Strong
Physical Resource Infrastructure Security	~	0	0	0	0	0
Physical Social Services	~	0	0	0	0	0
Physical Political Infrastructure Stability	~	0	0	0	0	0
Physical Food Infrastructure Security	~	0	0	0	0	0
Physical Social Infrastructure Capital	~	0	0	0	0	0
Physical Livelihoods Infrastructure	~	0	0	0	0	0
Physical Health Infrastructure	~	0	0	0	0	0
Physical Financial Infrastructure Capital	~	0	0	0	0	0
Physical Migration Infrastructure	~	0	0	0	0	0
		Very Weak	Weak	Unclear	Strong	Very Strong

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anu	suchguis you mulcated above, in necessary.	
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End	of Block: Physical Infrastructure	
Star	t of Block: Migration	
Page	e Break	



Assuming conditions of **\${Q5/ChoiceGroup/SelectedChoices}** are present in a community, please select the most appropriate choices for how **migration** interacts with the following factors.

		Polarity: How does migration affect each factor?		low stroi	ng is this re	elationshi	p?
			Very Weak	Weak	Unclear	Strong	Very Strong
Migration =	Social Services	~	0	0	0	0	0
Migration	Political Stability	→ .	0	0	0	0	0
Migration =	? Livelihoods	~	0	0	0	0	0
Migration -	Food Security	~	0	0	0	0	0
Migration -	? Health	~	0	0	0	0	0
Migration	Financial Capital	~	0	0	0	0	0
Migration -	Social Capital	~	0	0	0	0	0
Migration =	Physical Infrastructure	~	0	0	0	0	0
Migration -	Resource Security	~	0	0	0	0	0
			Very Weak	Weak	Unclear	Strong	Very

End of Block: Migration
Start of Block: Feedback
Do you have any further comments on the study, factor definitions, or factor relationships?
Would you like to receive a summary of the findings of this study?
O Yes, please send to the email contacted (1)
O Yes, please send to alternative email (3)
○ No (2)
We are looking to include additional expertise in the field of climate migration. If you know of someone who may have valuable input, please share their contact details (e.g. email address) so they can be sent their own survey link.
End of Block: Feedback