

## Block 12

### Research Participant Information and Consent Form

**Title of the Study:** Stakeholder perceptions of disaster preparedness in Peru: Workshop study  
**Principal Investigator:** Dominique Brossard (phone: 1-608-262-1464) (email: dbrossard@wisc.edu)  
**Researcher:** Christopher Wirz (phone: 1-608-262-1464); Hugh Roland (phone: 1-858-335-7805)

#### **DESCRIPTION OF THE RESEARCH**

You are invited to participate in a research study about stakeholder perceptions of disaster preparedness in Peru. You have been asked to participate because you are part of an organization or agency involved with disaster preparedness.

The purpose of the research is to understand how different organizations view disaster preparedness and to help develop strategies.

#### **WHAT WILL MY PARTICIPATION INVOLVE?**

If you decide to participate in this research you will be asked to complete an anonymous survey about your perceptions of disaster preparedness in Peru. The survey should take about 10-15 minutes.

#### **ARE THERE ANY RISKS TO ME?**

There is the small risk for a breach in confidentiality.

#### **ARE THERE ANY BENEFITS TO ME?**

We don't expect any direct benefits to you from participation in this study.

#### **HOW WILL MY CONFIDENTIALITY BE PROTECTED?**

While there will be publications as a result of this study, your responses will be confidential and your name will not be used. Only group characteristics will be published.

#### **WHOM SHOULD I CONTACT IF I HAVE QUESTIONS?**

You may ask any questions about the research at any time. If you have questions about the research after you leave today you should contact the Principal Investigator Dominique Brossard at 1-608-262-1464. You may also call the researcher, Hugh Roland at phone: 1-858-335-7805.

If you are not satisfied with response of research team, have more questions, or want to talk with someone about your rights as a research participant, you should contact the Education and Social/Behavioral Science IRB Office at 608-263-2320.

Your participation is completely voluntary. If you begin participation and change your mind you may end your participation at any time without penalty. Checking the box below indicates that you have read this consent sheet, had an opportunity to ask any questions about your participation in this research, and voluntarily consented to participate.

I agree to participate in this study and have read the consent sheet above

I do not agree to participate

Is there anything else you'd like to tell us?

### Block 1

Which of the following best describes your area of work (check all that apply)?

- Public health
- Climate modeling
- Engineering
- Disaster response
- Academic
- Other (please write in):

What organization do you work for?

### Block 2

How would you rate the following areas of natural disaster **PREPAREDNESS** in Iquitos?

	Very poor	Poor	Acceptable	Good	Very good
Providing communities with health-related resources	<input type="radio"/>				

	Very poor	Poor	Acceptable	Good	Very good
Providing communities with shelter and building materials	<input type="radio"/>				
Communication with communities	<input type="radio"/>				
Timing of interventions	<input type="radio"/>				
Communication among organizations	<input type="radio"/>				
	Very poor	Poor	Acceptable	Good	Very good
Effective communication of forecasts	<input type="radio"/>				
Collaboration among organizations	<input type="radio"/>				
Providing basic essentials	<input type="radio"/>				
Access to quality data for decision making	<input type="radio"/>				
Forecasting and modeling when disasters will happen	<input type="radio"/>				
	Very poor	Poor	Acceptable	Good	Very good
Efficiency of responses	<input type="radio"/>				
Access to adequate funding	<input type="radio"/>				
Having enough people to help with interventions	<input type="radio"/>				
Access to community insight	<input type="radio"/>				
Evaluation data of past efforts	<input type="radio"/>				

### Block 3

How much do you agree or disagree with each statement?

Disagree strongly	Disagree somewhat	Neither agree nor disagree	Agree somewhat	Agree strongly
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	Disagree strongly	Disagree somewhat	Neither agree nor disagree	Agree somewhat	Agree strongly
Developing better longer-term forecasts (1-3 months) for disasters is important for effective preparation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increasing the warning time will improve how we prepare for natural disasters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It will be difficult to integrate long-term forecasts (1-3 months) into the work done by my organization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can see my organization using longer-term forecasts (1-3 months) for our work with natural disasters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It will be difficult to communicate longer-term forecasts (1-3 months) to the communities most affected by natural disasters	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Block 4

How effective do you think the communication surrounding natural disaster response/preparedness is among...

	Not at all effective	Slightly effective	Moderately effective	Very effective	Extremely effective
Organizations at the national level	<input type="radio"/>				
Organizations at the national level and those at the regional level	<input type="radio"/>				

	Not at all effective	Slightly effective	Moderately effective	Very effective	Extremely effective
Organizations at the regional level and the local level	<input type="radio"/>				
Local organizations and the communities most affected by natural disasters in Iquitos	<input type="radio"/>				

## Block 5

In your opinion, how risky do people in Iquitos think floods are for their community?

- Not at all risky
- Slightly risky
- Moderately risky
- Very risky
- Extremely risky

In your opinion, how responsive are people in Iquitos to warnings about forecasted floods?

- Not at all responsive
- Slightly responsive
- Moderately responsive
- Very responsive
- Extremely responsive

## Block 6

To what extent does disaster aid decision-making in Iquitos consider:

- | Not at all considered | Slightly considered   | Moderately considered | Very considered       | Extremely considered  |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <input type="radio"/> |

	Not at all considered	Slightly considered	Moderately considered	Very considered	Extremely considered
Physical vulnerability (potential hazards of a location, determined by factors like a place's susceptibility to floods and flood severity)	<input type="radio"/>				
Social vulnerability (community abilities to cope with floods, determined by factors like economic and health status)	<input type="radio"/>				

### Block 7

What flood impacts concern you most?

	Not at all concerned	Slightly concerned	Moderately concerned	Very concerned	Extremely concerned
Injury	<input type="radio"/>				
Mortality	<input type="radio"/>				
Infectious disease	<input type="radio"/>				
Water-borne disease	<input type="radio"/>				
Increases in poverty	<input type="radio"/>				
Poor child nutrition	<input type="radio"/>				
Economic impact	<input type="radio"/>				

### Block 8

Which of the following specific indicators are important in determining flood-related social vulnerability in Peru?

Demographic

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Percent elderly (> 65) and children (< 5)	<input type="radio"/>				

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Percent population with disability	<input type="radio"/>				
Household size	<input type="radio"/>				
Gender	<input type="radio"/>				
Infant mortality rate	<input type="radio"/>				
Life expectancy	<input type="radio"/>				

## Built environment

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
House construction materials	<input type="radio"/>				
Access to public water supply	<input type="radio"/>				
Access to electricity	<input type="radio"/>				
Access to sewage system	<input type="radio"/>				
Access to toilets	<input type="radio"/>				

## Education

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Literacy	<input type="radio"/>				
Primary education completion	<input type="radio"/>				
College education completion	<input type="radio"/>				
Distance to schools	<input type="radio"/>				
Number of educational facilities per population	<input type="radio"/>				

## Health

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
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	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Population with health insurance	<input type="radio"/>				
Distance to hospitals	<input type="radio"/>				
Number of hospitals per population	<input type="radio"/>				
Number of health workers per population	<input type="radio"/>				
Waterborne disease incidence	<input type="radio"/>				
Malnutrition	<input type="radio"/>				

### Socio-economic

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Household income level	<input type="radio"/>				
Home ownership	<input type="radio"/>				
Poverty	<input type="radio"/>				

### Block 9

How influential are the following factors in **DETERMINING** or **CREATING** vulnerability in flood-prone regions in Peru?

	Not at all influential	Slightly influential	Moderately influential	Very influential	Extremely influential
Limited access to resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inadequate local investment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Difficult livelihoods or limited livelihood opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental degradation and destruction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not at all influential	Slightly influential	Moderately influential	Very influential	Extremely influential
Limited access to power	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Poor governance and corruption	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Discrimination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flood trauma (e.g. past exposure to floods)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What indicators represent these factors?

## Block 10

What makes an assessment of flood-related vulnerability useful?

	Not at all important	Slightly important	Moderately important	Very important	Extremely important
Identifying most vulnerable places	<input type="radio"/>				
Identifying most vulnerable populations within a place	<input type="radio"/>				
Identifying aspects of vulnerability most responsible for overall vulnerability	<input type="radio"/>				
Ability for the assessment to be conducted easily again with updated data	<input type="radio"/>				
Ability for results to be shared with decision-makers and influence policy	<input type="radio"/>				

Not at all  
important

Slightly  
important

Moderately  
important

Very  
important

Extremely  
important

Ability for results to be shared with community members and inform community risk reduction strategies



## Block 11

What is your gender?

Male

Female

What year were you born?

