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CLIMHB NOVEMBER FINAL WORKSHOP

SAVE THE DATE

March 2023 - This letter is the fourth edition following the development of the ClimHB research programme. ClimHB is a 4-year project, funded by the French National Agency for Research (ANR) under the special call for academic contribution "Make Our Planet Great Again" and coordinated by the CEPED. It aims at exploring the connections between climate (im)mobilities and health systems resilience in Haiti and Bangladesh through fieldworks data collection. This will require looking at climate-driven population displacement, health care access and health status perceptions, health systems vulnerabilities as well as health care coping strategies.

1 NEW MEMBERS & DEPARTURES

Nazmul Islam

Nazmul is an experienced researcher with a demonstrated history of evaluating social/development interventions. He graduated from the University of Verona in 2017 with a Master's in Economics. He works as a Senior Research Fellow at the BRAC James P. Grant School of Public Health (BRAC JPGSPH). His research interests include health economics, development economics, climate change, and impact evaluation. He evaluated different interesting development interventions. Among his previous works, evaluating the thermal performance of cool roofs in an urban low-income setting, assessing the impact of health loans in improving access to healthcare, and measuring the effectiveness of edutainment programs in changing perceptions related to child marriage are noteworthy. Nazmul has published his works in international peer-reviewed journals. Besides research, he regularly teaches public health students and professionals about quantitative research methods and data analyses at BRAC University.



Abdoulaye Moussa Diallo

Abdoulaye is a doctor in socioanthropology of health. His doctoral studies were co-directed by the universities of Lille and Cheikh Anta Diop in Dakar. His doctoral research focused on community health, particularly the role of community health workers. He conducted ethnographic research combining a sociology of health, professional groups and professional mobilisations and an anthropology of development. His secondary interests during his doctorate led him to various collective research projects. He worked on access to health care in Africa and public health policies in Senegal. As a recipient of the MOPGA postdoctoral fellowship, his research will explore the articulation between climate change, population (im)mobility and resilience of the Senegalese health system. He is an avid footballer and art lover. When time permits, he enjoys discussing politics and community empowerment.



Shabab Haider has started a Masters degree at John Hopkins University in April 2022. **Nazia Nawar Chowdhury** has started a Masters degree at the University of Kansas in November 2022. **Pr. Malabika Sarker** has joined Brown University (USA) in January 2023, while supervising ClimHB final steps. Wishing all of them a lot of success!

2 QUALITATIVE PHASE RESULTS

June 27th, 2022 : ClimHB cross-teams Qualitative Analysis Workshop

Bangladesh

Tala - 18 Focus Groups Discussions (FGDs) : 16 with the residents 2 with Health Service Providers (HSPs) and 17 Key Informants Interviews (KIIs) with HSPs

Common events	Impact	Coping strategies
1. Waterlogging	<ol style="list-style-type: none"> 1. Cooking difficulty 2. Damaged crops and roads 3. Food scarcity 4. People develop skin diseases 	<ol style="list-style-type: none"> 1. Took shelter at the local schools 2. Borrowed money from relatives or friends 3. The chairman hired people to drain the water 4. Used home remedies for skin diseases
2. Unsafe drinking water (due to salinity/Arsenic/heavy concentration of iron)	<ol style="list-style-type: none"> 1. Development of diseases like acidity 2. Lack of properly operated deep tube wells 	<ol style="list-style-type: none"> 1. Kept medicines for acidity in advance 2. Brought water 3. Carried water all the way from the tube wells that operate 4. Some continued drinking the unsafe water as they could not afford to buy
3. Cyclone	<ol style="list-style-type: none"> 1. Destruction of property/roads/crop fields 2. Suffered from huge losses 3. No electricity due to the destruction of the electric poles 4. Trees fell on the roads 	<ol style="list-style-type: none"> 1. Took shelter at the cyclone centers 2. Farmers sold their crops at a much cheaper rate 3. Electric poles were restored by the government employees 4. Trees were removed by the young people of the community

Mirpur Duaripara slum : 12 FGDs , 10 with the residents, 2 with HSPs and 10 KIIs with HSPs

Common events	Impact	Coping strategies
1. Waterlogging	<ol style="list-style-type: none"> 1. Waste materials clog water 2. Difficult to access washrooms & kitchens 3. People cannot go to work all days and lose salary 4. People develop skin diseases 	<ol style="list-style-type: none"> 1. Landlords recruit people to drain the water 2. People have to share others' kitchen and washroom 3. People carry dry clothes and change after crossing waterlogged areas
2. Eviction	<ol style="list-style-type: none"> 1. People became homeless 2. Due to sudden eviction people cannot move their valuable items to safety 3. Cannot afford new place due to increased rent 	<ol style="list-style-type: none"> 1. Whatever items they could remove, they keep their belongings on the streets or three wheel cart 2. Some stay with their relatives or friends 3. Some move to other areas
3. Corona	<ol style="list-style-type: none"> 1. Lockdown 2. Lost jobs 3. Fear and panic 	<ol style="list-style-type: none"> 1. Borrow money from friends or relatives 2. Reliefs from NGOs 3. wore masks and used sanitizer etc. 4. Mass awareness wa done by miking

Haiti

Grande Anse - 4 FGDs with the population and 32 KIIs : 17 with the population and 15 with HSPs

Healthcare Service Providers – Main Findings

- Events
 - Hurricane (2016); Cholera epidemic (2016-2017) and earthquake (2021)
- Impact of the events:
 - Service utilization: Increased except in COVID where it decreased; mental health issues but no specialist available
 - Service provision: Limited space to provide urgent services, non-optimal number of medical/nursing personnel
 - Structural: some centers affected; all informal providers affected+
- Strategies: Education, community mobilization
- HSP Resilience: Lack of resources (human, material, financial), no concrete contingency planning (evacuation, staff safety, urgent care)

Focus Group – Main Findings

- Climatic Events
 - Hurricane (2016) and earthquake (2021)
- Cholera epidemic (2016-2017), COVID
- Impact of the events:
 - Negative: Losses and damages, Post-traumatic stresses and other diseases, Theft episodes, accessibility to healthcare disrupted after Matthew due to road conditions
 - Positive: Solidarity, post-disaster emergency aid (not everyone was able to benefit)
- Strong adaptations to constraints, Limited internal displacements post-disaster, access to education, to economic opportunities main determinants of mobility
- Fairly good knowledge of the local supply of health services and health care system

3 QUANTITATIVE SURVEYS

Bangladesh

The preliminary report from the Bangladesh Population Survey is available **here**: <https://rb.gy/i50wj0> or you can request a PDF copy : sofia.meister@ird.fr

The Health Service Providers Survey is currently being piloted. The HSP Survey data collection will be taking place shortly after in Tala and Mirpur Duaripara Slum.

4 PUBLICATIONS

Bangladesh

In progress

1. **Covid vaccination.** (Quanti). *Lead author:* Nazmul
2. **Out-of-pocket expenditure.** (Quanti). *Lead author:* Nazmul
3. **Events and coping strategies of populations.** Tala and Mirpur. (Quali)
Lead author: Mrittika
4. **Connecting climate-related changes and migration: insights from a socio-ecological approach of a rural community in South-West Bangladesh.** (Quali) *Lead author:* Lucie.
5. **Climate change, well-being and health in a rural community: a qualitative approach.** (Mixed methods). *Lead author:* Lucie.
6. **Health reforms: Scoping review.** *Lead author:* Treasure
7. **Mental health and climate change. Scoping review.** *Lead author:* Jean-Marc
8. **The mental health burden of women in a changing climate: impacts of slow onset events.** (Quali). *Lead author:* Jean-Marc

Planned and agreed by the lead authors

9. **Social determinants of mental health in a changing climate.** (Quali) *Lead author:* Jean-Marc
10. **Mobility, climate change and equity for populations** (Quali). *Lead author:* Mrittika
11. **Mental Health.** (Quali or Mixed methods). *Lead author:* Jean-Marc.

Future needs

12. **Health professionals' resilience** (Quali). *Lead author:* To Be Determined (TBD)
13. **Health geography** (Quanti/Mixed methods). Topic: TBD. *Lead author:* Emmanuel
14. **Healthcare providers and healthcare system** (Quanti). *Lead author:* TBD.
15. **Resilience** (Quanti/Quali/Mixed method) - From Exposure/sensitivity/adaptive capacity to an Index based on Levesque dimensions. *Lead author:* TBD

5 COMMUNICATIONS

November 24, 2021 - Resilience of health systems in a context of climate change : conceptual and methodological challenges

by Valéry Ridde - 2021 Make Our Planet Great Again Strasbourg Conference

December 3, 2021 - Migrations climatiques? Pour un déplacement de l'attention scientifique. Climate migration? Shifting our scientific focus

by Sofia Meister and Maeva Belloiseau, for IRD CoSavez-Vous? webinar

December 8, 2021 - Integrating human ecology into a multidisciplinary project on climate change and health system resilience: kin selection, health and access to health care in Bangladesh and Haiti

by Lucie Clech as guest speaker at the Penn State Anthropology Colloquium, Anthropology department, Penn State University

June, 22, 2022. ClimHB. Migrations et santé dans un contexte de changement climatique. Migration and Health in a context of climate change .

by Lucie Clech, Jean-Marc Goudet, Sofia Meister - Congrès des Internes en Santé Publique - Public Health Interns Congress (CISP).

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CLIMHB NOVEMBER 2023 FINAL WORKSHOP

SAVE THE DATE

A 2-day ClimHB final workshop will be held in November 2023 in Paris, and ClimHB team members and team delegates will be required to present their data analyses, published articles if any, and ongoing work and publications.

Please confirm your availabilities for November 16-17 or November 23-24 here : <https://framadata.org/S9lwWUyUYMg6kyp6>

More info to come on the seminar agenda and booking arrangements.

