



Research article

Everyday adaptations to flooding at the micro-levels of low-income communities and macro levels of authorities in the megacity of Lagos, Nigeria

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Supplementary

The research participants

Overall, 73 Adults (45 Male and 28 female) and 14 children participated in the research. Member checking in Iwaya resulted in the inclusion of 5 other adults, 3 males and 2 females that were not previously interviewed.

Table S1. Macro-level participants.

Name and gender	Gender	Institution	Role
Rasaq	Male	Lagos State Ministry of the Environment (MoE)	Policy maker, office of Environmental Services (OES)
Gbad	Male	MoE, office of Drainage Services	Senior bureaucrat
Bolade	Male	Lagos state Ministry of Physical Planning and Urban Development (MPP & UD)	Top official at RMD
Bamidele	Male	MPP & UD, Urban planning unit	Senior Officer
Goke	Male	Lagos State Emergency Management Agency (LASEMA)	Top official
Catherine	Female	International NGO affiliated to German Green Party	Program Manger
Amina and Biola	Both Female	Ministry of Women Affairs and Poverty Alleviation (WAPA) Lagos State	Policy Maker and Top official
Eniafe	Female	Local NGO	Director of Programs
Kolade and Boye	Both Male	Lagos State Urban Renewal Agency (LASURA)	Top officials
Huntonu	Male	Yaba Local Council Development Authority (LCDA)	Top official
Dele and Bolu	Both Male	Agboyi Ketu LCDA	Top official and Desk officer
Momoh	Male	Ogun-Osun River Basin Authority	Top Technocrat
Demola	Male	MoE Climate Change Unit	Senior Official

Table S2. Micro-level participants. Key informants interviewed/accessed within the research communities.

Name (Pseudonym)	Gender	Role	Justification
Owode-Ajegunle community			
Wuyi	Male	Community leader and official of community-based organisation (CBO)	Wuyi's dual role as community leader and official of an CBO could help highlight the activities at the local government and community levels towards asset building and adaptation. Thereby facilitating an understanding of the implication of these activities for households within low-income communities.
Jibola	Male	CBO official	Jibola's relationship with different stakeholders in his capacity as an official of the Lagos Wetland Community Stakeholders Forum, helped highlight institutional role in addressing the problem of flooding within the community. This further highlighted the extent to which institutions and organisations are supporting or constraining people's adaptive capacity.
Rufai	Male	Community leader and CBO member	To aid an understanding of the problems of flooding, institutional role and implication for affected community from the perspective of a community leader.
Olatokun	Male	Community Leader	To aid an understanding of the problems of flooding from the perspective of a community leader.
Violet	Female	CDA Executive Member and Women Leader	To aid an understanding of the problems of flooding and obtain information on its implication for asset building and mobilization from the perspective of a female community leader.
Abdul	Male	Community Leader, Owode Ajegunle community	To aid an understanding of the problems of flooding from the perspective of a community leader.
Teniola	Female	CBO member	To obtain information on the implication of flooding for asset building pre, during and post flooding experience for women and children in the community.
Folabi	Male	Youth Leader, Owode-Ajegunle Community	To obtain information on the flooding experience for the youths within the research community.

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Name (Pseudonym)	Gender	Role	Justification
Anjola	Male	Community Elder, Owode-Ajgunle	To obtain information on the problem of flooding in Ajgunle Community and to understand the issues around land access/settlements that will aid the construction of the historical matrix and flooding trends in the community.
Kareem	Male	Community Elder, Ajewole area to which Owode-Ajgunle and other communities belong traditionally.	To obtain information on the problem of flooding in the larger community to which Ajgunle belongs. This will aid the construction of the historical matrix and flooding trends in the community.
Iwaya Community			
Biyi	Male	Community leader, Iwaya central area	To obtain information on the experiences of flooding in the Iwaya Central zone of Iwaya Community.
Cornelius	Male	Community leader, Isale-Iwaya area	To obtain information on the experiences of flooding in the Isale -Iwaya area of Iwaya Community.
Anthony	Male	Community leader, Ago-Egun Area	To obtain information on the experiences of flooding in the Ago Egun Area of Iwaya.
Fela	Male	Community leader, Odo-Ogbe Area	To obtain information on the flooding experiences in Odo- Ogbe area of Iwaya.
Dehinde	Male	Community leader, Iwaya Central Zone	To obtain information on the experiences of flooding in the Iwaya Central zone of Iwaya Community.

Table S3. Iwaya Research Participants-Households.

Name (all Pseudonyms)	Gender	Role in Community	Length of stay in the community
Olude	Male	Head of Household	34 years
Maxwell	Male	Teacher in a Junior Secondary School	4 years
Olowo Mohjeed	Male	Community leader and elder	60years
Dorcas	Female	Widowed head of household	40 years
Jokotola	Female	Resident	10 years
Kuburat	Female	Resident	12 years
Adeyemi Shonde	Male	Community leader and elder	67 years
Enoch	Male	Head of household	42 years
Olamibo	Male	Widowed Head of household	40 years
Dipo	Male	Community Activist and head of household	55 years
Khafilat	Female	Resident and community activist	21 years
Debo	Male	Health care giver and head of household	66 years
Mesewa	Male	Community leader	40 years
Dosu	Male	Community leader	40 years
Fredrick	Male	Household head	43years
Adesanmi	Male	Household head and community leader	60 years
Ayolol	Female	Widow and woman leader	45 years
Abebi	Female	Widow and head of household	40 years
Funmbi	Female	Resident	30 years
Akogun	Male	Community Elder	75 years

Table S4. Owode-Ajgunle research Participants-Households.

Name (all Pseudonyms)	Gender	Role in Community	Length of stay in the community
Charity	Female	Widow	36 years
Jolabi	Male	Head of Household and community activist	Over 68 years
Mary	Female	Widow, head of household	26 years
Adesanwo	Male	Head of household	10 years
David	Male	Head of household	Over 55 years
Reuben	Male	Head of Household and school activist	10 years
Abdul	Male	Head of household and community leader	26 years
Olamosu	Male	Community activist	19 years
Hafsat	Female	Head of household	18 years
Olatokun	Male	Head of household and community Elder	38 years

Table S5. Focus group discussion undertaken with community leaders.

Ajegunle			
Name of Participants	Gender	Position/role of participant in community	Justification for discussion
Wuyi	Male	Community leader	To obtain data on community activities as well as perceptions on the problem of climate change and flooding. To gain insight into the vulnerability and adaptation strategies of households/ communities pre, during and post flooding experience.
Abdul	Male	Community leader	
Olatokun	Male	Lagos Wetland Community member	
Jibola	Male	Lagos Wetland Community member	
Yaba Lcda			
Name of Participants	Gender	Position/role of participant in community	Justification for discussion
Opeolu	Male	Community leader Makoko on Water	To obtain data on community activities as well as perceptions on the problem of climate change and flooding. To gain insight into the vulnerability and adaptation strategies of households/ communities pre, during and post flooding experience.
Anthony	Male	Community leader Ago Egun, Iwaya	
Memunat	Female	Women Leader, Ebute Meta	
Olatunde	Male	Community leader, Iwaya	
Biyi	Male	Community leader, Iwaya	
Cornelius	Male	Community leader, Iwaya	
James	Male	Community leader, Makoko	
Adenuga	Male	CDC Member, Community leader, Abule Ijesha	
Blessing	Female	CDC Member, Community leader, Abule Ijesha	
Remi	Female	Community leader, Yaba	
Modinat	Female	Women leader, Oyingbo	

Table S6. Participants in the FGDs for children including their gender and age.

Children from Owode-Ajegunle Community	Gender	Age (years)	Children from Iwaya Community	Gender	Age (years)	Justification for Discussion
Gbenga	Male	13	Melissa	Female	10	To gain an insight into the experiences of flooding for children in both communities. This aided both an understanding of the experiences and comparison between the experiences of children in both communities
Dare	Male	10	Joel	Male	11	
Margret	Female	12	Ifeoluwa	Female	9	
Jessica	Female	10	Muftau	Male	10	
Kenneth	Male	11	Saheed	Male	12	
Funmi	Female	9	Lekan	Male	12	
Gabriel	Male	12				
Jehu	Male	12				

Table S7. Participants in the FGDs with the elderly in both communities, the elderly in this research are defined as those who are sixty years and over- M-Male, F- Female.

Owode-Ajegunle community	Gender	Odo-Ogbe area of Iwaya	Gender	Isale Iwaya area of Iwaya	Gender
Joel	Male	Olu	Male	Morenike	Female
Koye	Male	Ajani	Male	Silas	Male
Animotu	Female	Musibau	Male	Adesanmi	Male
Sanya	Male	Eric	Male		
Olajo	Female				

Table S8. Participants in FGDs with women in both communities.

Owode-Ajegunle	Iwaya	Justification for the discussion
Charlotte	Khafilat	To gain an insight into the experiences of flooding for women in both communities.
Sikirat	Ayolola	To understand the gendered dimension of flooding events and highlight the similarities or differences for both communities.
Olajo	Cordelia	
Sadia		
Tolu		
Veronica		
Animotu		
Hafsat		

Table S9. Participants in FGDs with men and women in Owode-Ajegunle community.

Name	Gender	Justification for the discussion
Joel	Male	To get reflections on ideas and findings from other methods. This facilitated triangulation and also aided an understanding of the collective community perception and response to the problem of flooding
Sikirat	Female	
Sanya	Male	
Animotu	Female	
Sadia	Female	
Hafsat	Female	
Koye	Male	
Olajo	Female	
Charlotte	Female	



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