



# GFDRR *Digest*

Global Facility for Disaster Reduction and Recovery

May 2019

Dear CG Members,

The most frequent and cumulatively damaging among natural hazards, floods pose a serious threat to cities and communities far and wide. That's why in April, we brought together experts and practitioners from nine countries to share insights on how to tackle urban flooding during the 2nd Technical Deep Dive (TDD) on Integrated Urban Flood Risk Management in Japan. In this issue, we reflect on lessons learned from flood risk management efforts around the world.

Best,

Julie

## | *Blogs*



### [Integrated urban flood risk management: Learning from the Japanese experience](#)

Nearly 300 years ago, the Great Kanto Flood devastated Edo, what is now Tokyo. How did Japan come to grips with the challenge of urban flooding? The 2nd Technical Deep Dive (TDD) on Integrated Urban Flood Risk Management in Japan explored the country's experience in mitigating flood risk, including through risk assessment and communication, planning and prioritization, and operations and maintenance. [Watch the video Q&A.](#)



### [Resilience is more than income – lessons from Accra's 2015 floods](#)

Rising incomes alone are not enough to build people's resilience to the next flood. Financial inclusion, labor regulations, and social protection are also key, according to a GFDRR and World Bank analysis of the role of poverty in the exposure, vulnerability and resilience of people to the 2015 floods in Accra, Ghana. [Read the full analysis here.](#)



### [Understanding Niamey's flood risk through open source mapping, drones, and modeling](#)

The lifeblood of Niger's economy, the mighty Niger River also poses a significant flood risk to the West African country. Through a combination of open street mapping, drones, and modeling, Nigeriens are taking the lead in strengthening the Nigerien capital Niamey's flood preparedness. [Watch the featured video.](#)





## | Knowledge Exchange



### [\[Guidance Note\] Implementing Nature-Based Flood Protection](#)

A growing body of evidence shows that nature-based solutions, such as wetlands and mangroves, can effectively reduce disaster risk, while also generating a range of social, environmental and economic benefits. This guidance note presents key principles for the planning and implementation of nature-based solutions for flood risk management.



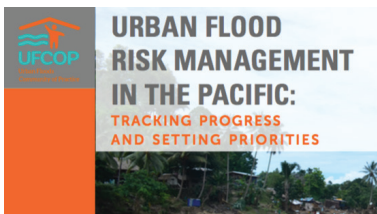
### [\[Knowledge Note\] Land Use Planning for Urban Flood Risk Management](#)

Land use planning offers many opportunities to manage flood risk in all stages of the disaster risk management cycle, from prevention to recovery. This knowledge note offers policymakers and practitioners an overview of the key aspects of land use planning used for urban flood risk management in cities across the world.



### [\[Knowledge Note\] Flood Risk Management at River Basin Scale: The Need to Adopt a Proactive Approach](#)

River basins often overlay parts of different jurisdictions, creating institutional challenges for managing flood risk at this scale. Drawing on a wide range of best practice case studies, this knowledge note outlines key guiding principles for flood risk management in river basins.



### [Urban Flood Risk Management in the Pacific: Tracking Progress and Setting Priorities](#)

Facing intensifying flood risk, Pacific Island Countries have made great strides at tackling this problem. This report tracks their progress toward integrated urban flood risk management and provides recommendations for how these countries can build on their achievements thus far. [Read the recap blog here.](#)

## | Videos



### [Mapping Flood Risk in Tanzania](#)

Tanzanian university students are learning how to map drainage systems in Dar es Salaam, where rapid urbanization has increased residents' vulnerability to seasonal flooding. To date, these efforts have helped map 29 wards in the city and over 3,000 kilometers of road. [Read the full story here.](#)





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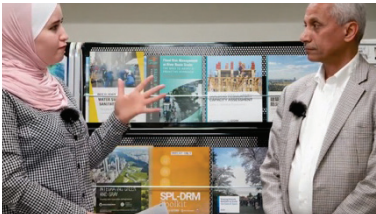
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## Videos



### [Q&A: Integrated Water Resources Management in Luanda, Angola](#)

A more integrated approach to water resources management could go far to improve water services in the Angolan capital of Luanda, according to Afonso de Antas Miguel, Director of Sanitation and Drainage for the Provincial Government of Luanda, Angola. A video interview on the sidelines of the 2nd Technical Deep Dive (TDD) on Integrated Urban Flood Risk Management in Japan.



### [Q&A: Tackling Water Scarcity in Jordan](#)

Razan Ahmad Al-Roud, Head of the GIS Department for the Jordanian Ministry of Water and Irrigation, sheds light on how Jordan is striving to better manage its water resources in a scarce environment. A video interview on the sidelines of the 2nd Technical Deep Dive (TDD) on Integrated Urban Flood Risk Management in Japan.

