

# Stormwater Management and Climate Change Adaptation

2012 - 2020

**World Bank**  
**Municipal Development Agency, Senegal**  
Senegal

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## NATURE BASED SOLUTIONS

rivers & floodplains, inland wetlands

The Government of Senegal, in coordination with sector ministries and municipalities, implemented this project to improve stormwater drainage and flood prevention in peri-urban Dakar. The project consists of three main topical components, ranging from flood risk mainstreaming in the urban sector, drainage investment and management, to community engagement in urban flood-risk reduction and adaptation to climate change. The program and the national strategy to be developed here will include both structural and non-structural measures. A particular attention will be given to improved land use planning and flood zoning, early warning, preparedness and response mechanism, awareness campaign and communication, and community based measures to increase resilience to climate change.

## LEARN MORE

<http://projects.worldbank.org/P122841/flood-prevention-drainage-project?lang=en>

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### INTERVENTION

Hybrid

### HAZARD

urban flooding

### SCALE

Regional

## RISK REDUCTION BENEFITS

redirection & drainage of flood & storm water, storage & infiltration of flood & storm water, groundwater recharge & water table stabilization, reduced loss of transport infrastructure, reduced loss of water infrastructure, reduced loss of urban infrastructure, reduced loss of life

## DONORS

Nordic Development Fund (NDF)

## EST. MONETARY COST

(TODAY'S US\$)

**2.45**

## EST MONETARY BENEFITS

**Unknown**

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