

OUR WORK ON ECO-DRR



- Global advocacy
- Technical assistance/
Capacity building
- Pilot demonstrations:
testing the Eco-DRR
approach in 4 countries
in different ecosystems
- Knowledge products/
Publications
- Partnerships



Catchment-based approach for slope stability and flood control in Afghanistan



Ecosystem in focus:
mountains, forests, rangelands

Target: 7 villages in 3 village clusters

Location: Bamyān Province, Afghanistan

Main hazards targeted: Harsh winters and floods

Intervention:
Promoting sustainable, risk-sensitive land-use planning in the Koh-e Baba watershed; linking green and resilient village development planning to valley and watershed scale development planning

Reforestation of eroded, flood prone slopes

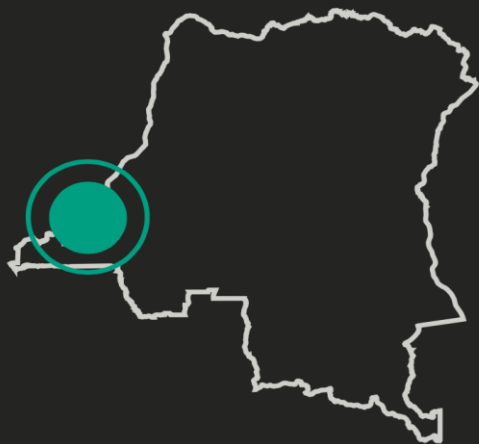


BEFORE



AFTER

Integrated watershed management for flood risk reduction and improved water quality in DR Congo



Ecosystem in focus: river basin, high rainfall savanna with gallery forests

Target: 1,400 inhabitants in 10 villages (zones of the Lukaya watershed)

Location: Lukaya River Basin, outside of capital city Kinshasa

Main hazards targeted: Harsh winters and floods

Approach: Linking downstream and upstream communities through risk-sensitive river basin management in the Lukaya river basin

Gully erosion control downstream through revegetation



BEFORE



AFTER

Ridge-to-reef approach for building coastal resilience in Port-Salut, Haiti



Ecosystem in focus: coastal and marine habitat

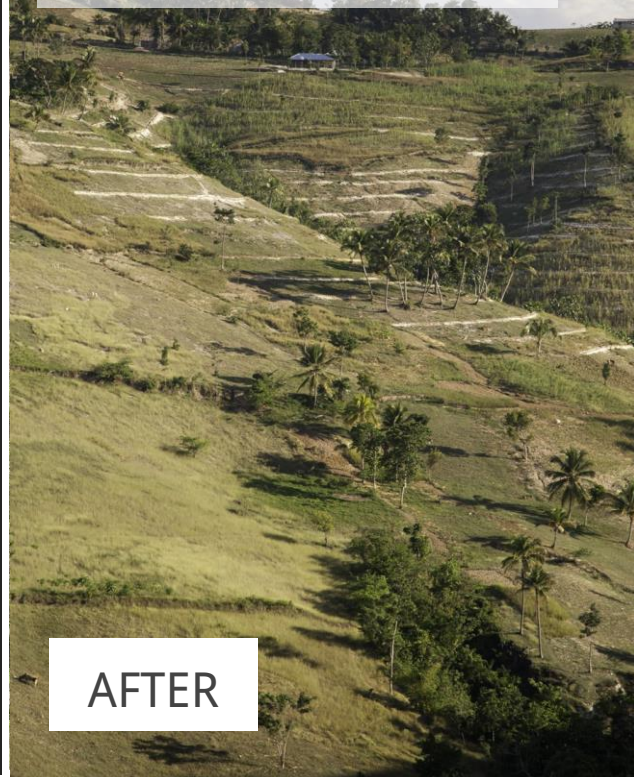
Target: 90 fishermen, 20 farmers and 300 households

Location: Port-Salut municipality, South Department

Main hazards targeted:
Flooding and storm surge

Approach:
Promoting sustainable and resilient coastal zone management, through ridge-to-reef, ecosystem-based solutions

Sustainable vetiver production with terracing upstream helps to reduce heavy soil run-off which exacerbates coastal flooding downstream, and supports livelihoods



AFTER

Integrated water resource management for drought and flood risk reduction in Wadi El Ku, Sudan



Ecosystem in focus: drylands and wadi

Target: 5 communities with 30,000 inhabitants

Location: Kilimondo locality, North Darfur

Main hazards targeted:
Drought and floods

Approach: Strengthening community-based water resource management in a sub-catchment in the Wadi El Ku to provide water for food security and restore natural vegetation cover; and linking to state-level water resource management



Community nurseries and forests help restore natural vegetation cover

Strengthening capacities for Eco-DRR implementation

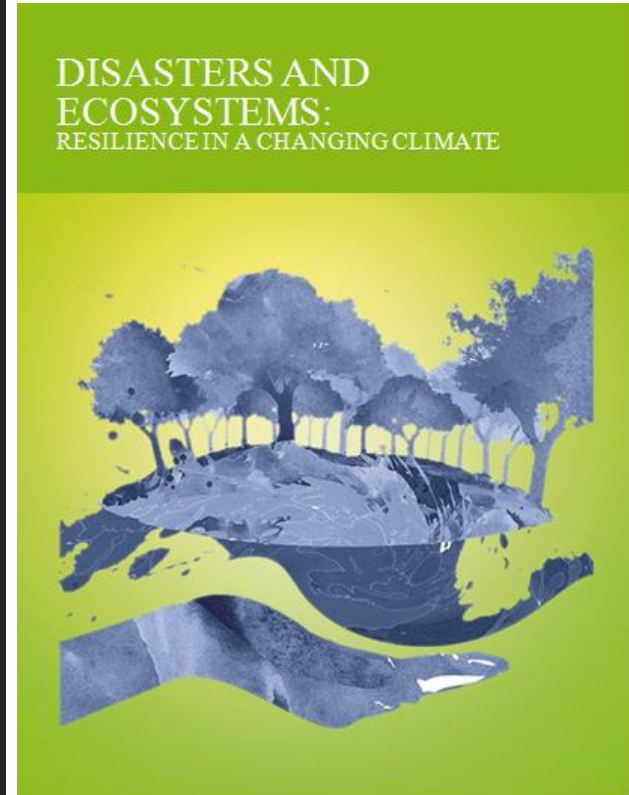
- National Trainings on Ecosystem-based Disaster Risk Reduction
- Graduate-level course on Eco-DRR
- Regional Trainings of Instructors on Eco-DRR/CCA targeting universities and training institutions

Visit: www.pedrr.org



Massive Open Online Course (MOOC)

- 12,000+ enrolled from 183 countries
- 2 tracks: Leadership track (3 weeks) and Expert track (13 weeks)
- 36% received Overview of Eco-DRR = 4,320 individuals
- Facebook created by students with over 10,000+ followers
- Visit: www.themooc.net

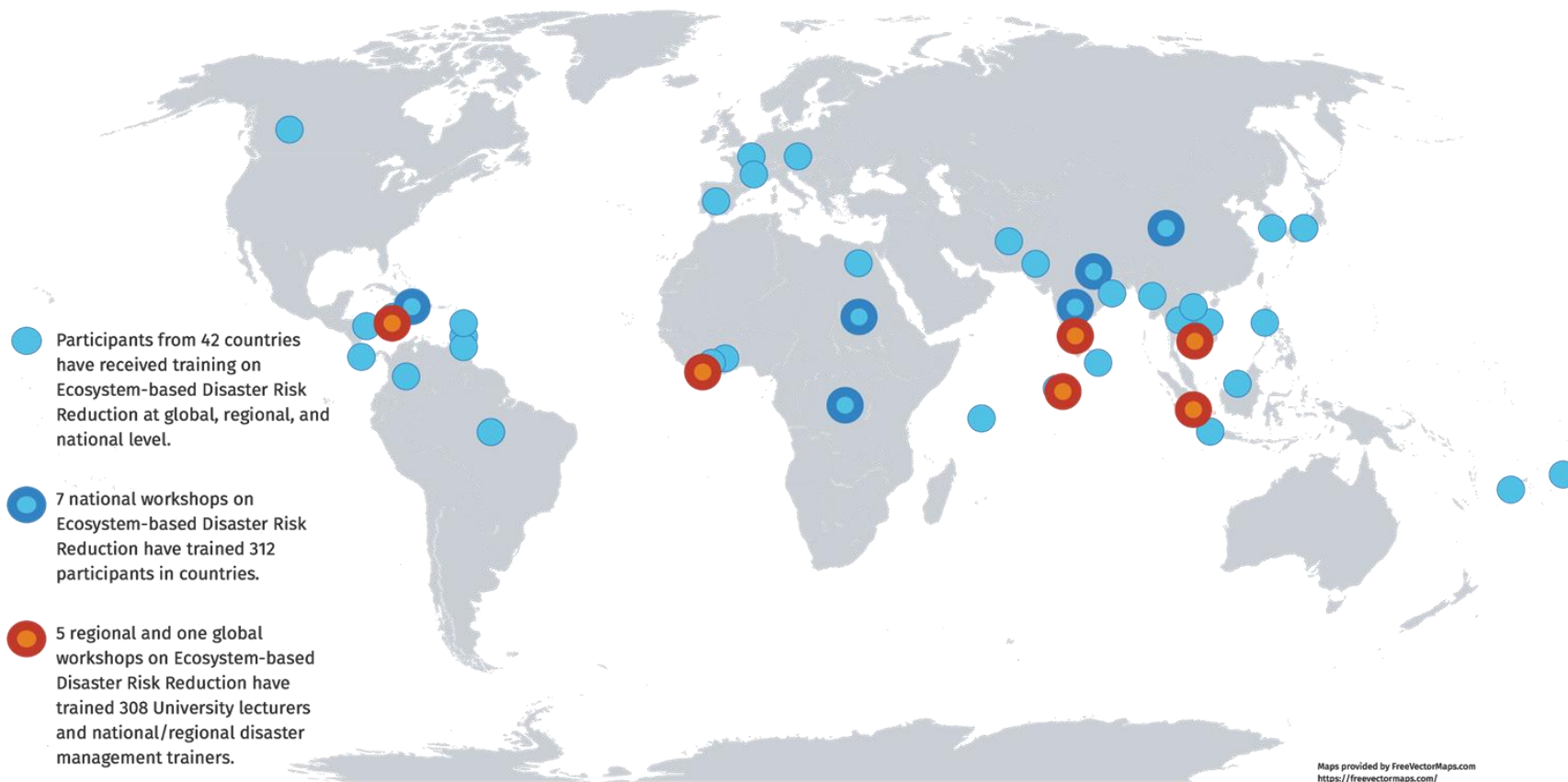


UNEP Global Efforts to Advance Ecosystem-based Approaches to Disaster Risk Reduction

2012-2016



European Union



Sendai Framework for Disaster Risk Reduction (2015-2030)

- Recognizes sustainable ecosystem management for building resilience
- Acknowledges environment as a cross-cutting issue:
 - Environmental degradation as a risk driver
 - Environmental impacts of disasters
 - Ecosystem-based solutions for reducing disaster risk



EU Chairs the Plenary on Ecosystems and Resilience



UN Plenary on Accelerating Disaster Risk Reduction, Chaired by UNEP

PEDRR

Ecosystems for Adaptation
and Disaster Risk Reduction

The Partnership for Environment and Disaster Risk Reduction



Asian Disaster Preparedness Center (ADPC) • Asian University Network of Environment and Disaster Risk Management (AUEDM) • Council of Europe • Global Fire Monitoring Center (GFMC) • Global Risk Forum (GRF) • Helvetas Swiss Intercooperation • International Union for the Conservation of Nature (IUCN) • ProAct Network • Stockholm Environment Institute (SEI) • The Nature Conservancy (TNC) • UN International Strategy for Disaster Reduction (UN/ISDR) • United Nations Development Programme (UNDP) • United Nations Educational, Scientific and Cultural Organization (UNESCO) • United Nations Environment Programme (UNEP) • United Nations University-Institute for Environment and Human Security (UNU-EHS) • Wetlands International • World Wide Fund for Nature (WWF)

www.pedrr.org

The Partnership for Environment and Disaster Risk Reduction

- ❖ Global alliance of 21 UN, international, and civil society organizations - and growing
- ❖ Committed to increasing global awareness and implementation of Ecosystem-based solutions for Disaster Risk Reduction and Climate Change Adaptation

New members:



Convention on
Biological Diversity



World Business Council for
Sustainable Development

iisd

International
Institute for
Sustainable
Development

Institut
international du
développement
durable



GNDR
Global Network of Civil Society
Organisations for Disaster Reduction

Credits:

The European Commission, Directorate General for International Cooperation and Development (DG DEVCO) supports the Eco-DRR project, on behalf of the European Union, with USD 3.33 million out of a total Eco-DRR portfolio of around USD 5 million (67%).

Resources:

- www.gcca.eu
- Video of the GCCA+ Launch event: <https://www.youtube.com/watch?v=zkJxVAHzftM>
- **DG DEVCO makes also available the Cap4dev Open Knowledge Sharing Platform and the GCCA Community:**
 - <http://capacity4dev.ec.europa.eu/article/enabling-communities-tackle-climate-change>
 - <http://capacity4dev.ec.europa.eu/gcca-community/blog/how-village-saving-circles-can-help-ugandan-farmers-adapt-climate-change>
- https://ec.europa.eu/europeaid/home_en https://ec.europa.eu/europeaid/sectors/environment/climate-change-disaster-risk-reduction-and-desertification/disaster-risk_en

Fellowships for the Small Island Developing States (SIDS) to study at:

UNESCO-IHE Institute for Water Education

Delft, The Netherlands

This institute has experience in implementing nature-based solutions for water and floods management

<http://www.unesco-ihe.org/sids-fellowships>