

# UNEP Adapts!

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[www.unep.org/climatechange/adaptation/](http://www.unep.org/climatechange/adaptation/)



Asia-Pacific Adaptation Forum  
Incheon, 18-20 March, 2013



# Global CO2 emissions



IEA 24 May 2012:

- **2011 Global CO2 emissions the highest ever recorded,** despite offsetting decreases in the United States and Europe.
- **CO2 emissions rose by 3.2 percent to 31.6 billion tons**

# Hurricane Sandy. Cleanup and Adaptation

## The New York Times

Tuesday, January 15, 2013 Last Update: 11:27 PM ET

### House Passes \$50.7 Billion in Hurricane Aid

By RAYMOND HERNANDEZ 8:15 PM ET

The aid package passed 241 to 180 and now goes to the Senate, where it is expected to pass.

By THOMAS KAPLAN

Published: February 3, 2013 |  315 Comments

ALBANY — Gov. [Andrew M. Cuomo](#) is proposing to spend as much as \$400 million to purchase homes wrecked by [Hurricane Sandy](#), have them demolished and then preserve the flood-prone land permanently, as undeveloped coastline.

# US Drought. Insurance bill and “prediction”

## The New York Times

Tuesday, January 15, 2013 Last Update: 11:27 PM ET

### **Record Taxpayer Cost Is Seen for Crop Insurance**

By RON NIXON 8:24 PM ET

The worst drought in 50 years could leave taxpayers with a bill of nearly \$16 billion in crop insurance costs.

February 23, 2013

## Thin Snowpack in West Signals Summer of Drought



# Climate Change Adaptation at UNEP

[www.unep.org/climatechange/adaptation/](http://www.unep.org/climatechange/adaptation/)

- Support the **Global Adaptation Network**
- Demonstrate **Ecosystem Based Adaptation**
- Facilitate **National Access to Adaptation Funding**
- Support **ProVIA research community**



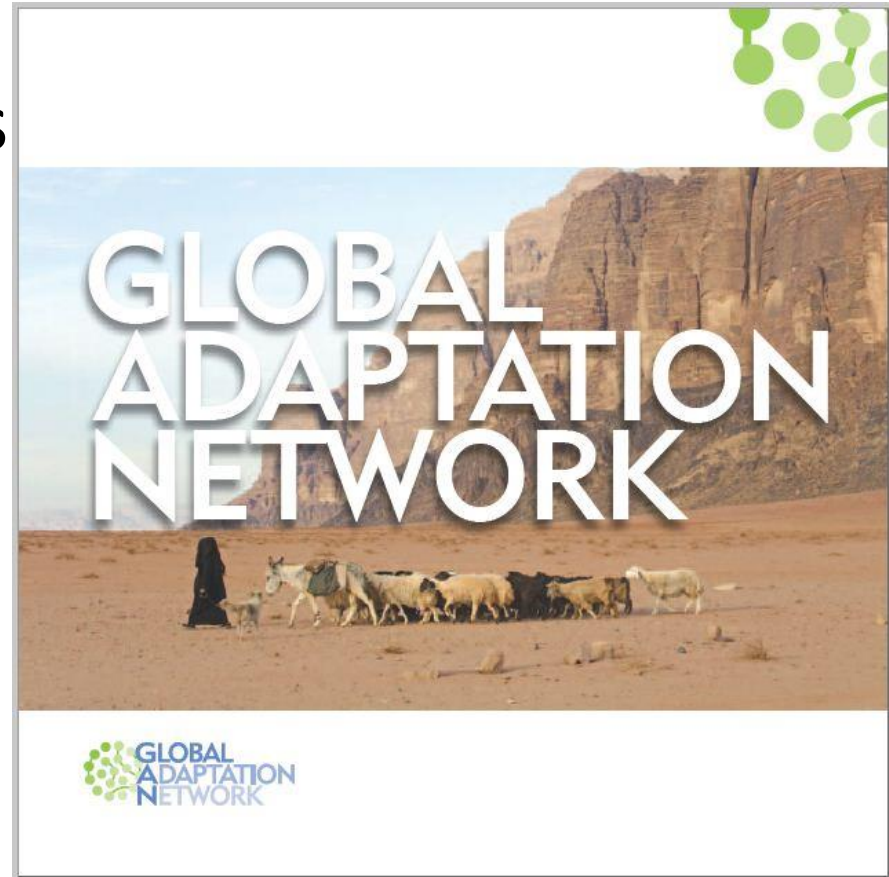




[www.GANadapt.org](http://www.GANadapt.org)

# Target Audiences

- Adaptation practitioners, experts and policy makers
- Communities affected by climate change
- Existing adaptation networks and knowledge initiatives



# Regional Networks

- **REGATTA** Regional Gateway for Technology Transfer and Climate Change Action
- **APAN** Asia Pacific Adaptation Network
- **WARN-CC** West Asia Regional Network on Climate Change
- **AAKN** Africa Adaptation Knowledge Network





# Future GAN Challenges

- **Climate Technology Center and Network (CTCN)** –  
Endorsed by UNFCCC COP (Doha 2013) and UNEP  
GC (Nairobi, 2013)  
Ensuring a strong Adaptation Component
- **Nairobi Workplan and UNFCCC Adaptation  
Knowledge Hub** - cooperating for common goals



# EbA Durban COP17

An example of multiple  
benefits to ecosystem  
based approaches from  
the downtown waterfront





An aerial photograph of a coral reef system. The water is a deep blue, and the coral reefs are visible as lighter, textured patches. The text is overlaid on the image.

# Multiple Threats

**Warming – Acidification – Agricultural Runoff – Fishing – Tourism**

# Multiple Benefits

**Climate Resilience - Ecosystem Services - Biodiversity**



# Ecosystem-Based Adaptation Guidance

Moving from Principles to Practice



## Decision Support Framework

- Final draft 'Prototype' completed 30 March 2012
- Invitation for field testing & further development – using existing/new project as platforms
- Development of training package and courses
- Testing in collaboration with GEF/LDCF projects and UNEP EbA projects
- Input to UNEP EbA projects, NAPAs and NAPs



# Selected *Bilateral* EbA Projects

Topic and Location	Funder, Timeline, Partners
EbA in <b>Mountain Regions</b> : <i>Uganda, Peru, Nepal</i>	Germany (BMU). \$14M. 2011-14. Implemented w/ UNDP, IUCN
Adapting to Climate Change Induced Water Stress in the <i>Nile River Basin</i>	Sweden (SIDA). \$3.5M. 2010-13. Implemented w/ DHI, NBI
EbA in <b>Coastal Ecosystems</b> . Building Adaptive Capacity in Vulnerable Coastal Communities: <i>Seychelles, Grenada, SIDS</i> .	European Commission. \$3.5M. 2013-16
Building Resilient Ecological Food Systems using Ecosystem-based Adaptation in <b>agriculture-dominated landscapes</b> in <i>Africa</i>	UNDF 9 <sup>th</sup> Tranche \$650k Seed \$ 2014 Germany (BMU) \$6M submitted Implemented w/IFAD
EbA in <b>peri-urban areas</b> of Asian mid-tier cities – reducing the climate vulnerability of the urban poor.	UNEP \$150k Seed \$ 2013 Germany \$6M submitted, GEF \$6M submitted Implemented w/ UNDP (PEI), UN-Habitat.



# GEF Portfolio

## Overall objective:

Support developing countries in accessing adaptation finance through the

- **Least Developed Countries Fund (LDCF),**
- **Special Climate Change Fund (SCCF), and**
- **indirect access to the Adaptation Fund (AF)**

in order to reduce their vulnerability to adverse impacts of climate variability and change.

The strategic focus is on innovative approaches applied through pilot studies and enhanced country responsiveness.

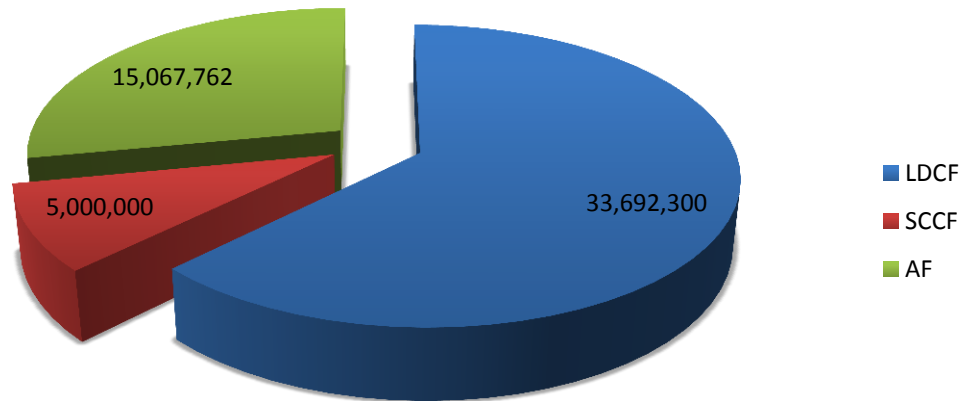


# Where we work



# Multilateral Portfolio

- **53** MUSD – approved / under implementation



## Direct Access Support Program



# Recent Publications

## Ecosystem Based Adaptation

Adapting to climate change in mountain ecosystems

Building Africa Resilience to Climate Change using Fast Start Ecosystem Based Adaptation Actions



## Ecosystem-based Adaptation

A UNEP Flagship Programme



## GLOBAL ADAPTATION NETWORK



## Making the Case for Ecosystem-based Adaptation



## Building Resilience to Climate Change

## ADVANCING CLIMATE CHANGE ADAPTATION

APPROACH TOWARDS CLIMATE RESILIENT IS & COMMUNITIES



# Upcoming Events

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UNFCCC and CBD  
EbA Technical Workshops

March, Dar es Salaam, Tanzania

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Community based Adaptation CBA7

18-25 April, Dhaka, Bangladesh



Adaptation Knowledge Day IV  
and  
ICLEI Resilient Cities Forum



May, Bonn, Germany



# Looking Ahead

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- Implementation (with UNDP) of the US\$ 6.5 million **Global NAP Support** Program and \$13 million **Green Climate Fund Readiness Support** Program.
- **EbA uptake by GEF and Parties to UNFCCC enabled.** UNEP pilots demonstrations in Urban Areas and Agriculturally dominated Landscapes Developed and Funded.
- With UNFCCC **Climate Technology Network and Center (CTCN) Adaptation component ensured.** Global and Regional Adaptation Networks in support of Adaptation Committee and Parties.



**Thank You....**