

WG II: Water resources, water & sanitation, and health

- Water supply
- Industry
- Energy
- Livelihoods
- Ecosystems
- Tourism
- Sanitation
- Health
- Waste Disposal



Climate Change and Water Resources

IPCC fourth assessment report (2007):

*The effects of climate change will
manifest through water;*

- Changes in the hydrological cycle and balance
- Increasing sea levels and saltwater intrusion
- Increasing water temperatures
- Increasing variability in precipitations
- Increasing number of extreme climatic events causing more floods and droughts

CC DARE

Climate Change and Development
Adapting by Reducing Vulnerability

A better management of water resources is essential
IWRM is the framework for adaptation to climate change!



Mainstreaming water in the political economy
Dealing with sectoral management
Focusing on demand management



Integrated Water Resources Management (IWRM)



Mainstreaming adaptation in IWRM

IWRM



National CC Strategy

River basin impacts on the coast

- river discharge
- water quality
- sediment transport
- Floods

Coastal impacts on the basins

- water levels, tides, salinity intrusion
- storm surges
- material transport along coastline



ICZM <-> IWRM <-> ICARM <-> CC Strategy

A few examples of possible initiatives

- Awareness raising and capacity building in civil society regarding the spread of diseases
- Assessment of potential impacts on fragile ecosystems, including proposals of appropriate actions
- Examining how water resources and coastal areas can be better managed through ICARM
- Proposals on Payments for Environmental Services
- Study of variability in water availability and demand
- **Your ideas ...**