

**Drin Basin Multi-Stakeholders Conference,
10-11 December 2013, Tirana**



*Empowered lives.
Resilient nations.*

Projects supported by the GEF/UNDP/GoA in the Drini basin

**Eglantina Bruci
UNDP Climate Change Programme**

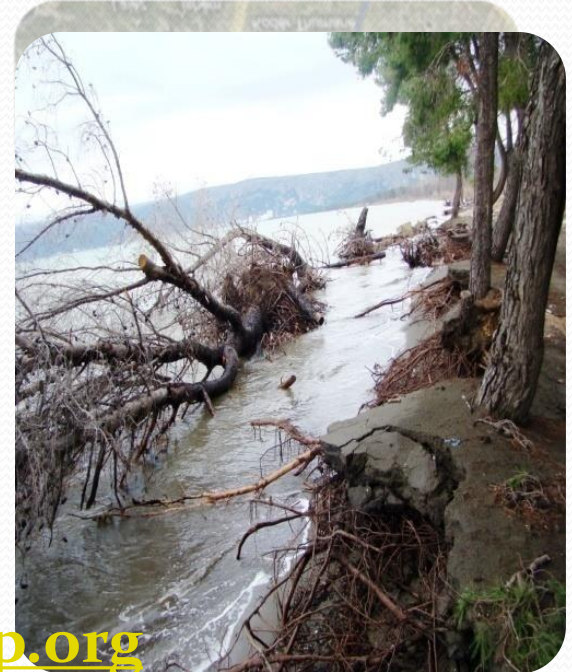
- Identification and implementation of adaptation response measures in the Drini-Mati River deltas
- Albania's Second National Communication to UNFCCC
- Prespa Regional Project – Integrated Ecosystem Management in the Prespa Lakes Basins of Albania, FYR Macedonia and Greece



I. Project: Identification and implementation of adaptation response measures in the Drini-Mati River deltas

(MSP under **GEF SPA**, implemented by UNDP Climate Change Programme)

- **Specific objective:** build adaptive capacities in the DMRD to ensure resilience of the key ecosystems and local livelihoods to climate change:
 - by first **identifying**, and
 - then **integrating** climate change response measures into development programming in the DMRD.



Achievement

❖ Identified and prioritised potential risks of climate change threats to:

Biodiversity

Water resources

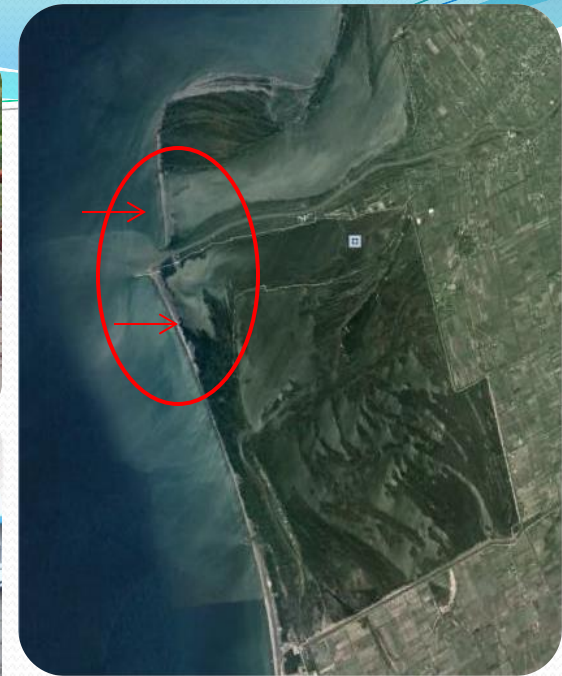
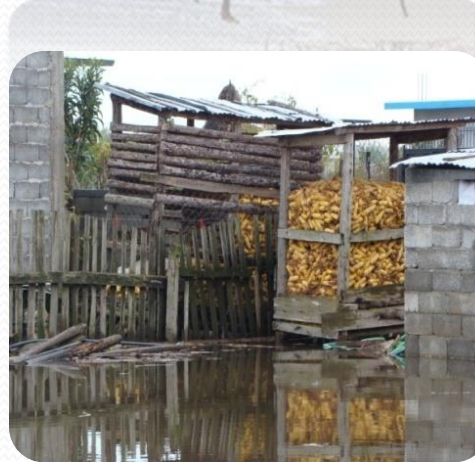
Agriculture

Tourism

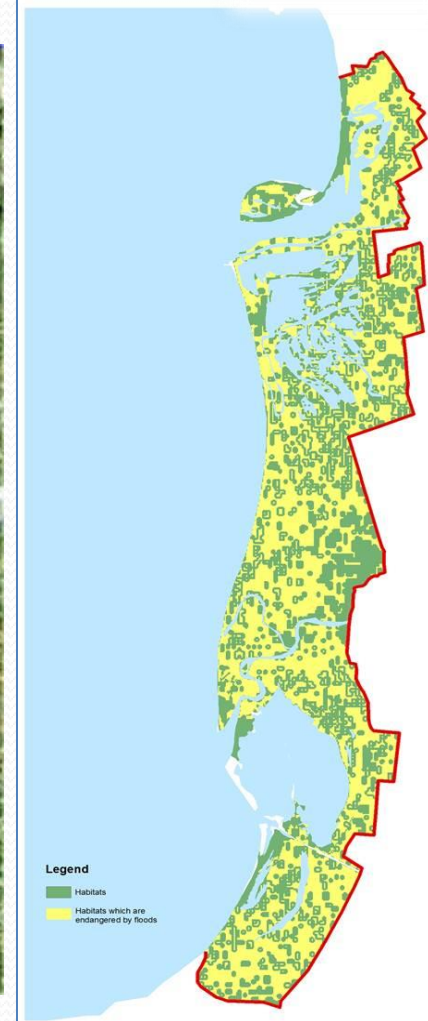
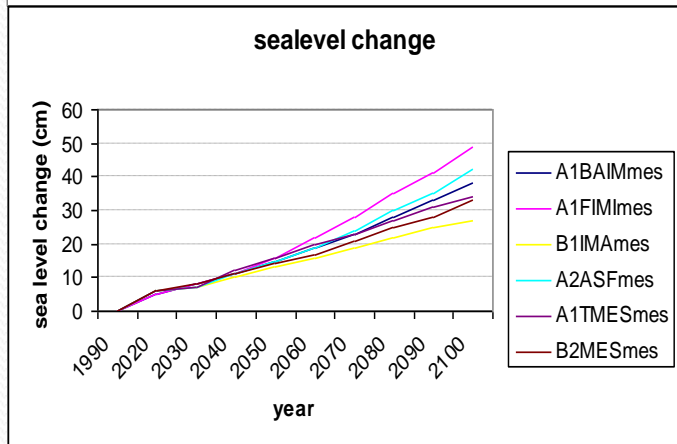
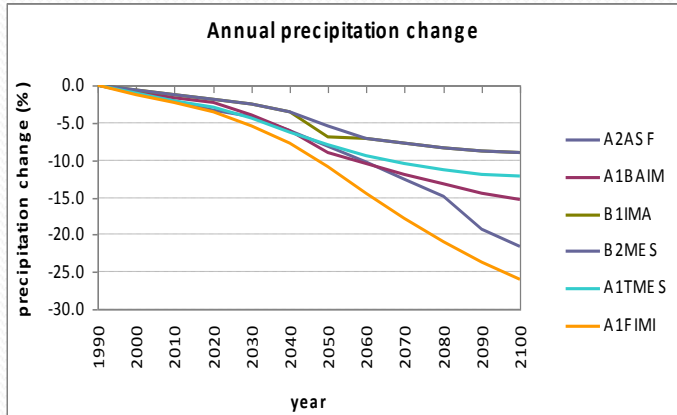
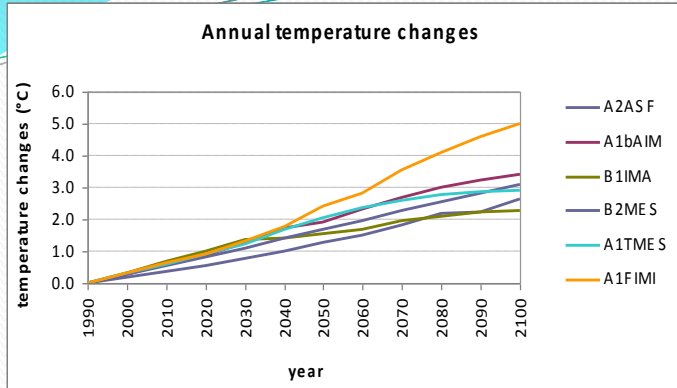
❖ Identified and prioritised **adaptation measures; strategies to address the impacts**

❖ **Built capacities of DMRD stakeholders** (regional and local) to evaluate the CC impacts and develop adaptation strategies.

❖ made use of **local experience** in facing with disaster related to climate



Climate change scenarios –



Coastline prediction for the year 2100 for the DMRD area showing (in blue) the area of the current coastal zone that will be affected by sea level rise.;

Adaptation measures

(EbA + engineering, CbA)

- erosion
- water exchange lagoon-sea
- Sea level rise

Local community expectations managed/meet through:

- capacity building and awareness increase (through enhancing ecosystems resilience could restore natural protection of livelihood)
- efforts to ‘bridge’ the disaster risk management and CCA (enhancing ecosystems resilience could restore natural protection against extreme climatic events)

C&B analysis: estimated range of Euro **15.4-16.8 million** can alert society to the ‘value’ of assets at risk



Adaptation measures

- **11 PIFs for adaptation** are drafted by the **local government staff** and presented to a '*donor and other stakeholder meeting*' to ensure multi donor support;
- **Policy Paper** to guide national policy recommendations to mainstream climate change adaptation.
- **Adaptation measures** are **integrated** into the Management Plan of Kune-Vain Protected Area and local development strategies
- **Adaptation measures** proposed for **integrated** into Cross-cutting Strategy for Environment, part of **NSDI**.
- **Ecosystem monitoring programme** of the project area **integrated** the into National Monitoring programme.
- Proposals to **update the environmental legislation** and **upgrade the institutional capacities**



Empowered lives.
Resilient nations.

Climate Change Adaptation in the DriniMati River Delta and Beyond

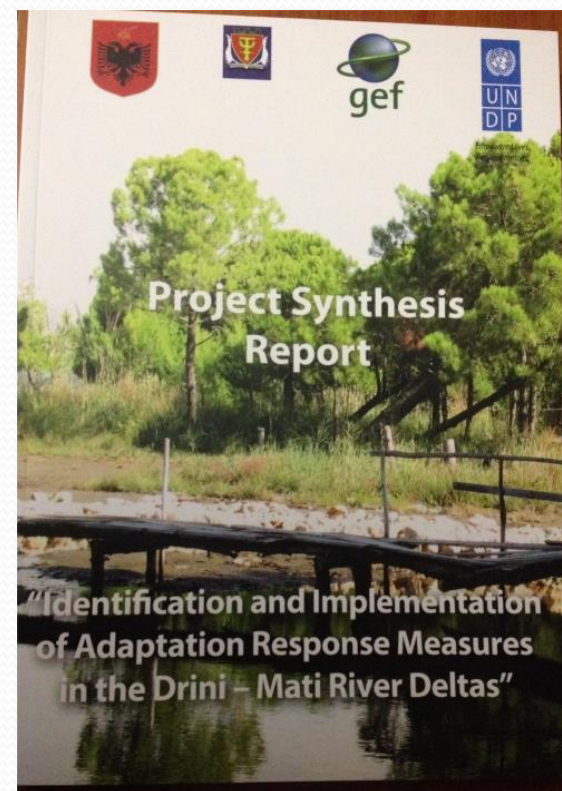


Policy Paper



Lessons learnt

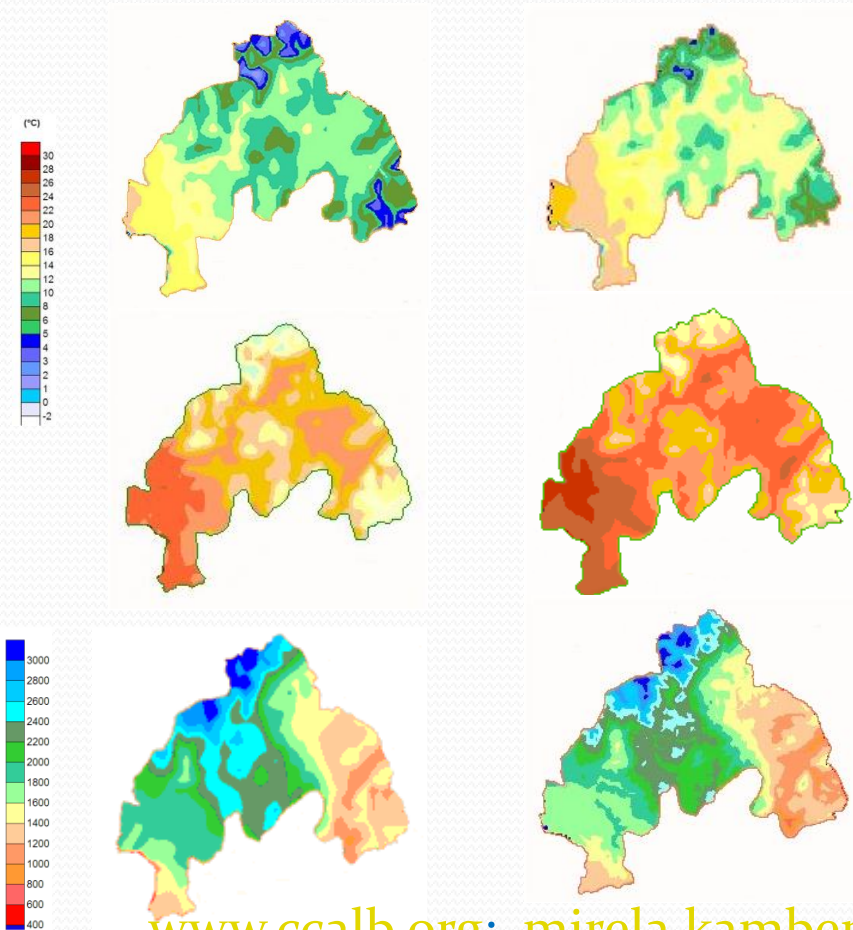
- **Key of success** – participatory approach (involve the local community/other stakeholders since the first stages of project implementation)
- **Multisectoral approaches** (collaboration/coordination between the sectors managing ecosystems and those benefiting; multi-stakeholder teams established when developing adaptation policies).
- **Approach:**
 - efforts to ‘bridge’ the disaster risk management and adaptation to climate change (through enhancing ecosystems resilience could restore natural protection against extreme climatic events)
 - **Prioritisation: focus on EbA for building resilience and reducing risk for local communities and ecosystems.**



Second National Communication

1961-90

2050



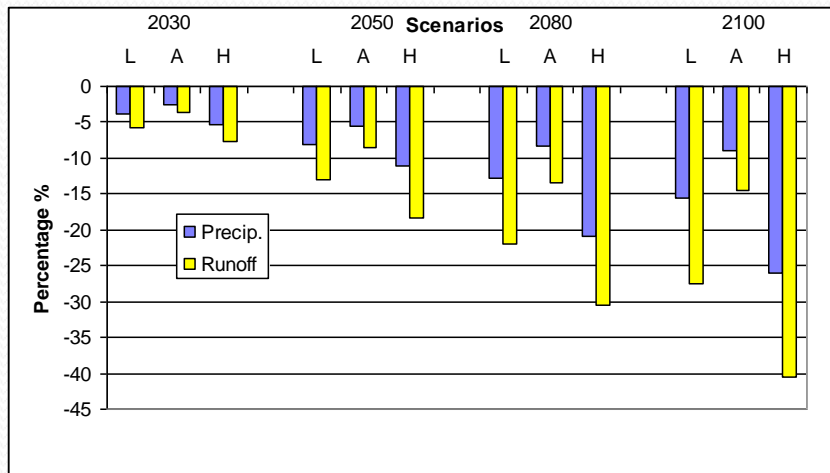
Vulnerability and Adaptation:

- Water resources
- Energy
- Agriculture
- Forestry
- Tourism
- Population

www.ccalb.org; mirela.kamberi@undp.org; eglantina.bruci@undp.org.

Second National Communication

CC impacts on Hydrological regime



Adaptation measures to:

- Prevent the negative effects – anticipatory actions to reduce CC impacts
 - legislative, regulatory, and institutional
 - structural & technological (technological/engineering solutions)
- Avoid or exploit changes in risk
- Research into new methods/ technologies of adaptation
- Educate, inform, and encourage behavioural
- change- dissemination of knowledge through education and public information.

Prespa Regional Project – Integrated Ecosystem Management in the Prespa Lakes Basins of Albania, FYR Macedonia and Greece



Establishing land and water use management basis

- Development and strengthening of planning tools (Developing and approval of the LEAP for Ligenas and Proger; Implementing the LEAP; Situation analyses and assessment on spatial planning)
- Strengthening capacities for integrated watershed management (Sectorial reports for Water resource management, Agriculture, Forest resource management and Fishery; Training and strengthening of capacities on environment monitoring)



<http://prespa.iwlearn.org/>; violeta.zuna@undp.org

Prespa Regional Project

Modifying management practices

- Economic assessment of some of the ecosystem services in Prespa-; training on fishery legal aspects, enforcement, technical and manag. issues; strengthening of farmer capacities, setting up and assisting the farmers associations; early warning system (Proger, Gorrice, Zemblak))
- Grants to the United Farmers of Proger: (*Marketing and packing standards of the apple; promotion of drip irrigation in Proger and Tren area.*)
- Grants to the Small Prespa Association of Farmers: (*Establishment of a greenhouse in Shuec village; support to honey producers in Tren, Zagradec and Shuec villages in raising the quality and production standards marketing practices and new packing standards.*)

Prespa Regional Project



- Conservation of priority biological diversity (Establishment of technical structures for monitoring; Involving and coordinating local and central actors; establishing the TBMS in Prespa; etc.)
- TB cooperation (regional studies on water resource management; Regional tourism strategy of Prespa; TDA of Prespa ecosystem; Priority species and habitats conservation plan; etc.)

Among the sustained activities accomplished :

- Assistance and support for pilot monitoring
- Actions for improvement of the Information Centre (Cooperation with KfW)
- Information and awareness activities
- Improvement of the park infrastructure and strengthening of park
- Initiatives and planning initiated regionally: (Tourism Strategy and Action Plan; Strategic Action Plan (SAP); etc.)

Active projects

- **The Country Program of Albania under the Global Solar Water Heating Market Transformation and Strengthening Initiative (FSP, Nationwide, 2009-2015)**
- **Third National Communication of Albania to the United Nations Framework Convention on Climate Change (Nationwide, V&A –Coastal area, 2012-2015)**
- **Protecting Albania's Marine and Coastal Biodiversity (FSP, Nationwide, pilot area MPA Karaburun-Sazan; 2011 - 2016)**



Thank you!