



## WORKSHOP 14- Biosphere Reserves and climate change

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NUMBER OF PARTICIPANTS: 36

### FORMAT OF THE WORKSHOP:

Interactive session - presentation of best practices and discussions in sub-groups

### Introduction

Biosphere Reserves can be good tools for experimentation or experiences to fight climate change or find ways for adaptation. A few things are already being done. We want to know the best way the network could contribute to address this issue. So far, lots of initiatives have been implemented, but within just one BR at a time. It would be good to share those experiences and make sure that we can BRs work together when it's possible. The two main objectives of this session:

- Sharing your ideas and practices, what do we do in our BRs about climate change?
- Exploring the possibilities to collaborate

### Expected outcomes

- Defining the aspects of the struggle against climate change in more tangible terms in order to enhance the impact of the network
- Forming a delegation of the biosphere reserves who wish to work on setting up a programme of annual scientific expeditions in partnership with Students on Ice
- Establish some partnerships

### Presentations

- Cliff Drysdale (Canada), Science atlas
- Eve Ferguson (Canada), Students on ice
- Andy Bell (UK), Mapping and implementing land use change for climate adaptation
- Jill Bieri (US), Online tools for climate change adaptation
- Gerhard Moersch (Germany), the 100% climate protection concept renewable energy

### Main issues discussed at the round tables

- Participation and education of youths and children
- Planning at municipality level (climate change mitigation at small localised level)
- Renewable energies (collect and share good positive experiences)

- Potential to link renewable energy production and biodiversity conservation (show added value of a BR)
- Mapping (GIS) for climate change adaptation

## **Ouputs**

- Interest in developping a network of young leaders in EuroMAB BRs to participate in the Students on Ice's expeditions
- Presentation and sharing of a customized web tool to measure and mitigate climate change: [www.coastalresilience.org](http://www.coastalresilience.org) (Nature Conservancy) and free source tools: scimap and quantum-gis
- Mutual interest in participating to the Conference on Renewable Energies in Germany (September)
- Idea of developping a Biosphere « wiki » platform for inter-sites communication
- Idea of developping a network of GIS operators in BRs, especially on climate change information