# Engaging the Scientific Community

•How to motivate involvment of researchers for climate services ? How to bridge the gap between fundamental and applied research?

• How to best encourage cooperation between researchers across a range of expertise ? En courage interdisciplinarity ?

• How to define a research agenda and set priorities ?

Ca 20 people from academia, NMHS, climate services, users very lively discussion and constructive

# How to motivate involvement of researchers for climate services ?
# How to bridge the gap between fundamental and applied research ?

- CS cannot do without research (credibility, effectivity)

- CS must be built in a way to entrain research       « carrot approach »
    Address « problem oriented » research
    Requires dedicated funding (generally understimated)

- CS : role in transition from research to products (challenge underestimated)

- Science community not only providers of knowledge for CS but also key users

- Science evaluation issue to reward demand oriented research (beyond publication)

## How to best encourage cooperation between researchers across a range of expertise ?
## How to best encourage interdisciplinarity ?

- Question-lead problems require <span style="color:red">integrated</span> approaches involving a range of disciplines in link with users

- Difficulties : mutual understanding, willingness to listen to other disciplines; lack of availability

- Recommendations :
  - education opportunities to open to other disciplines

  - How ? Invite multidisciplinary teams around specific questions and elaborate questions together

# How to define a research agenda and set priorities ?

- Research agenda and priorities:
  - Comprehensive involvement of users, scholars, public representation, private sector to define key issues
  - Limitation : Placed based

- How ?
  - Participate to « topic/sector » meetings
  - Involvement of international programs: CS as a challenge for research
  - « engaging the scholarly community »: benefit from experience of on-going activities in different countries : positive/negative aspects

Users, Government, private sector, research, agriculture, water, health, construction, disaster reduction, environment, tourism, transport, etc

User Interface

Climate Services Information System

Observations and Monitoring

Research, Modeling and Prediction

CAPACITY BUILDING