



World Meteorological Organization
Working together in weather, climate and water

Global Framework for Climate Information
to support
Adaptations to Climate Variability and Change

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Difficulties in Adaptations

- **Insufficient monitoring and observation systems**
- **Lack of basic information**
- **Inappropriate political, technological and institutional framework**
- **Lack of capacity**

SOURCE: IPCC Working Group II Report, 2007



Adaptation inputs

Climate Information

Historical data for trends
Climate predictions
Climate scenarios

Sectoral Information

Technological options
Supply demand situations
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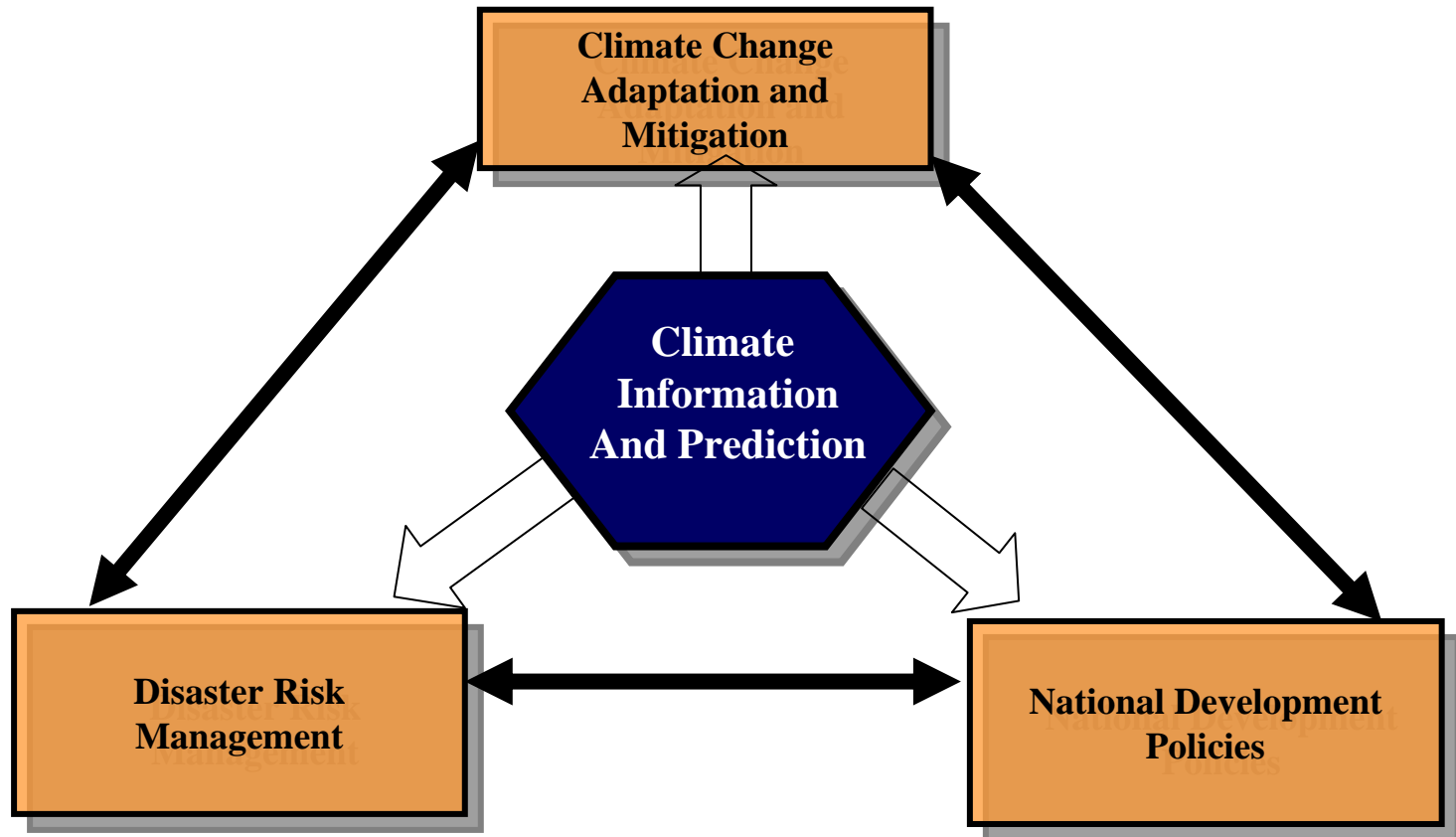
Physical Information

Geophysical information
Social development scenarios..

Economic Information

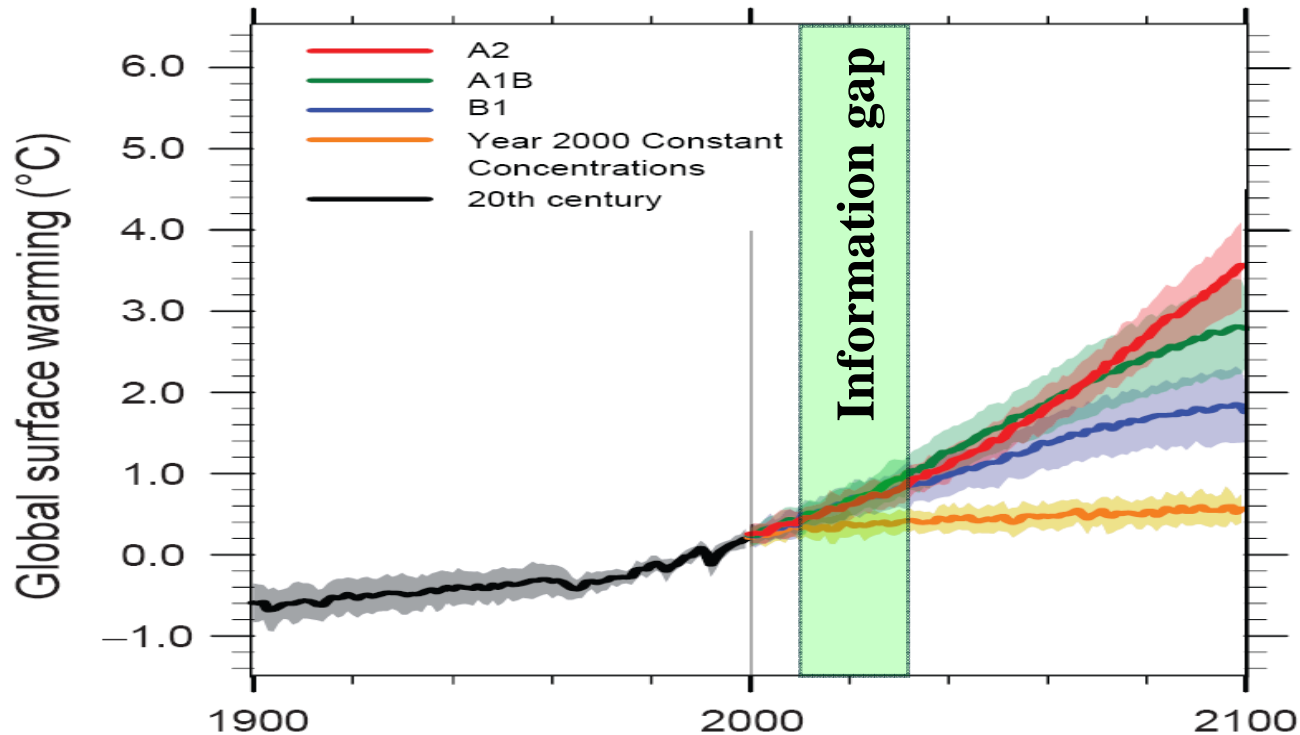


Climate Information and Sustainable Development





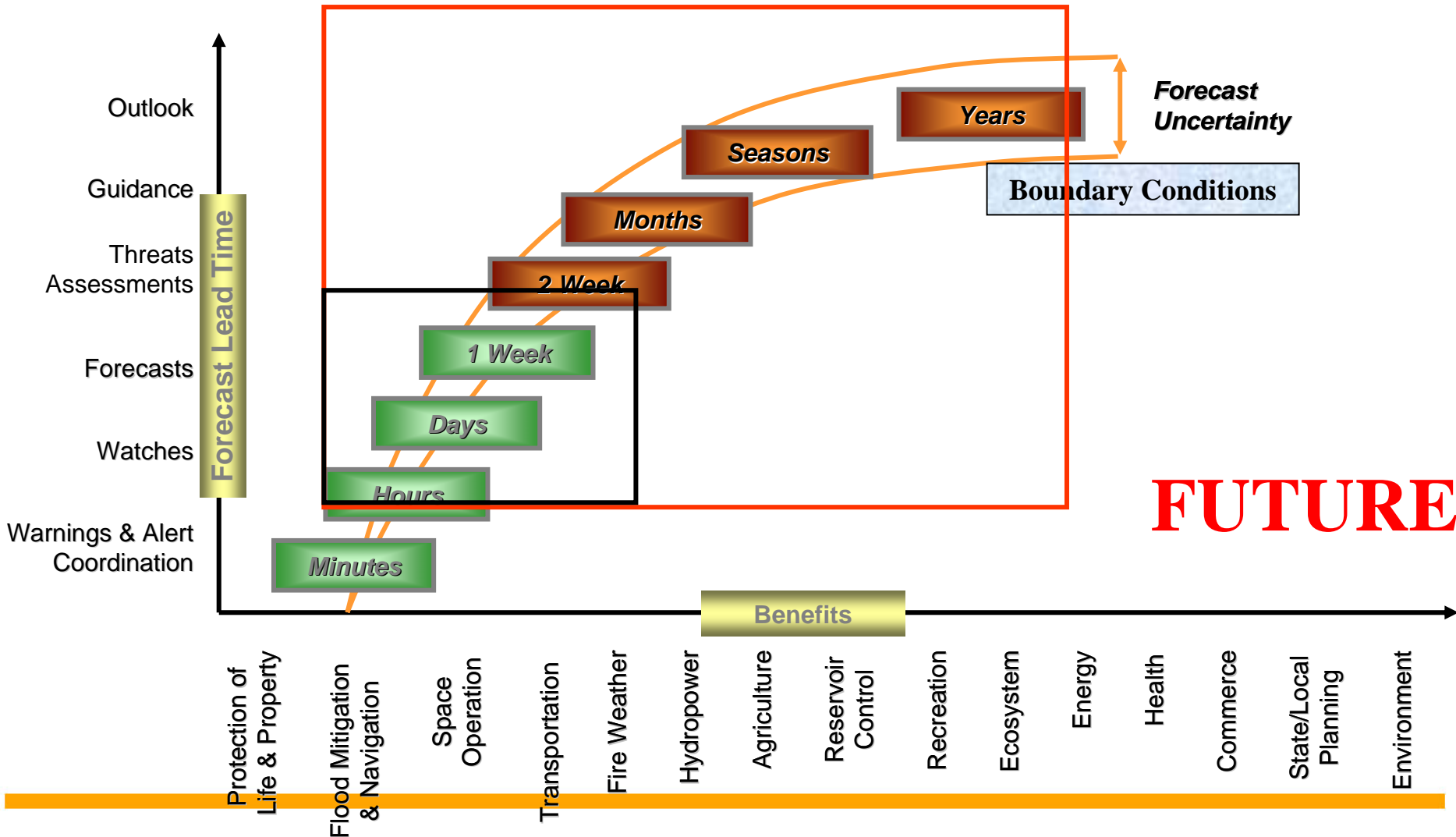
Climate Predictions



The IPCC process provides useful information for the time post 2050. But there is a conspicuous information gap to support management of regional and shorter term climate risks.



Increased Range of Skillful Forecasts





Goal

Global Framework for Climate Information

- *development of science-based climate information for*
 - *climate risk management and adaptation to climate variability and change,*
 - *and delivery throughout the world,*
 - *to support poverty alleviation and sustainable development.*
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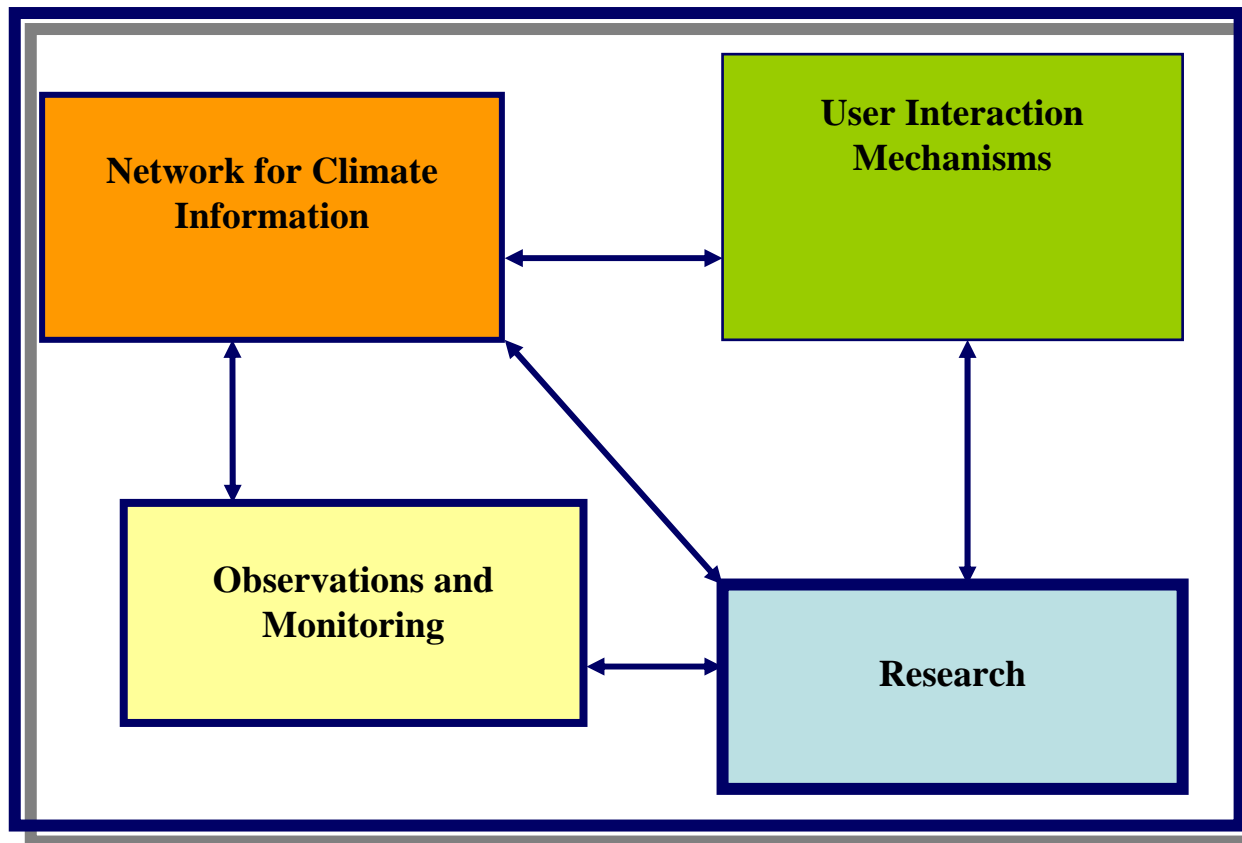
Objectives

Global Framework for Climate Information

- **Enhancing understanding and responding to the risks to socio-economic development posed by climate variability and change;**
 - **Improving climate information for the development of natural resources, protection of lives, livelihoods and property;**
 - **Providing user-defined climate information in a timely and easily available manner;**
 - **Empowering vulnerable communities by strengthening their adaptive capacity, enabling use of climate information for adaptation to climate of today and to better prepare for the climate of tomorrow**
 - **Mainstreaming (promoting the confident and frequent use of) climate information for economic efficiency, and social well-being.**
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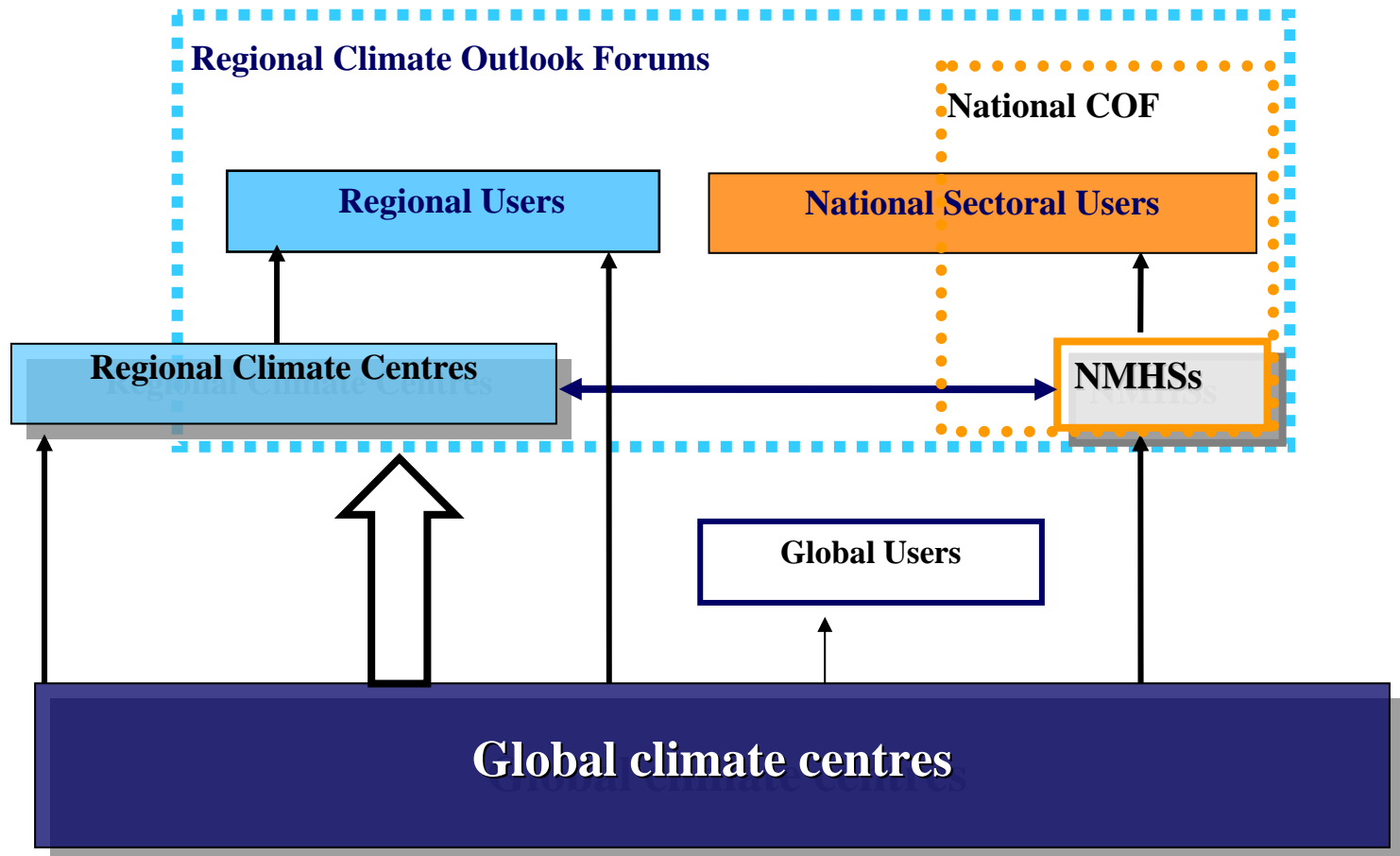


Components of the Global Framework for Climate Information



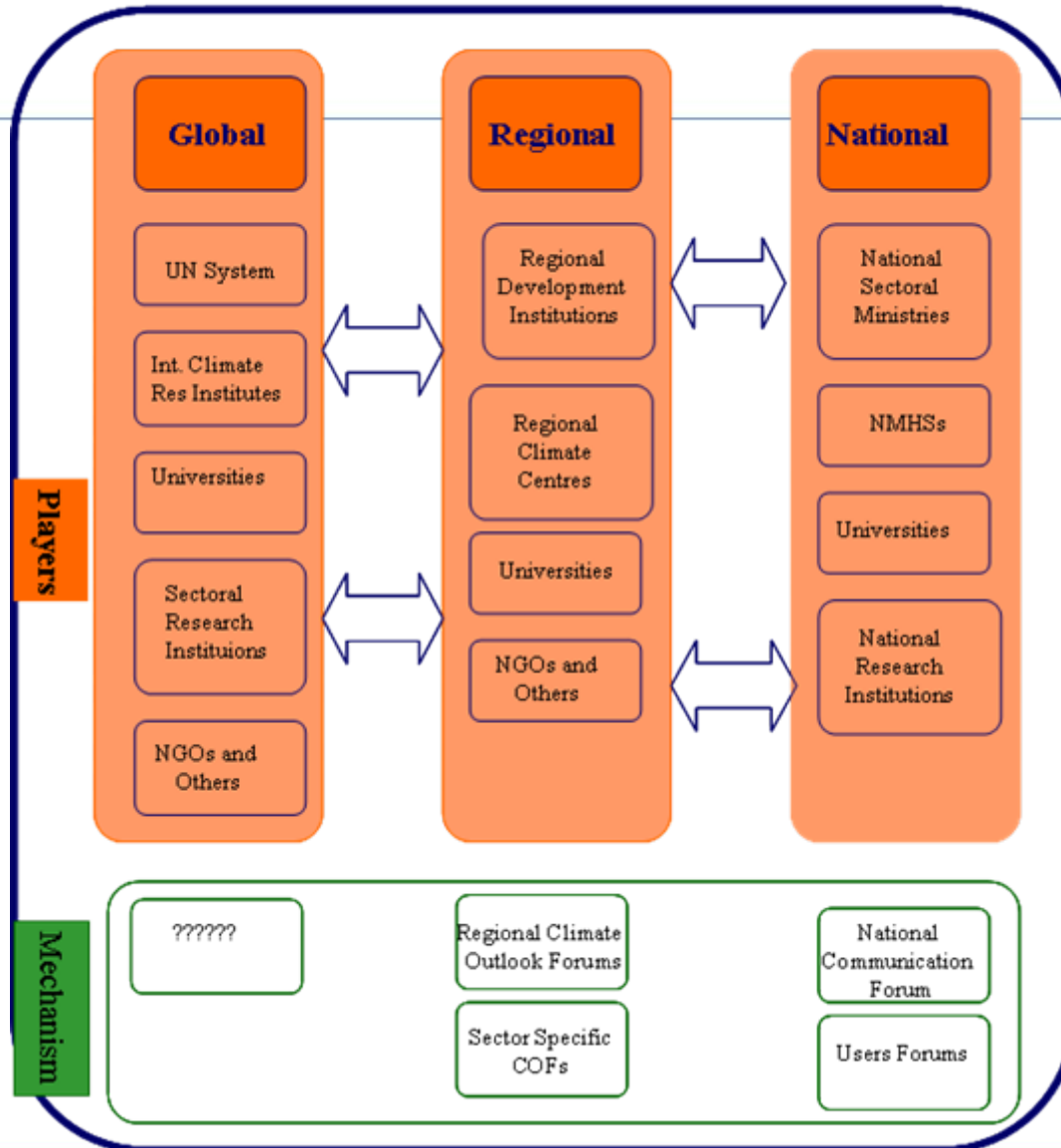


Delivery Mechanism





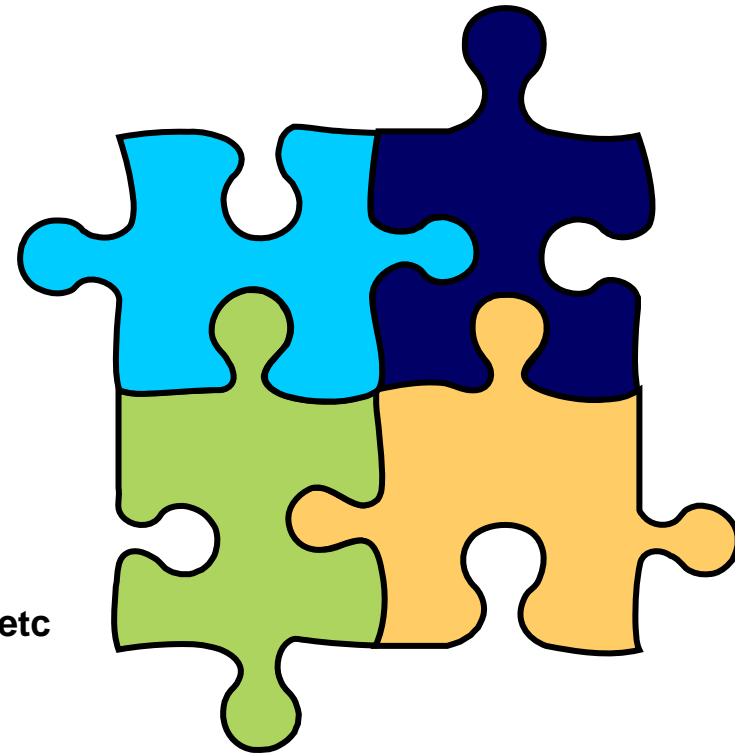
User Interaction Mechanism





Partnerships

- **Providing access to various user sectors**
 - UN Agencies such as FAO, WHO, UNEP, UN WTO etc
 - Technical NGOs
- **Mainstreaming climate information in policy and decision-making**
 - World Bank, UNEP, ISDR, UNDP etc
 - Media
 - Private Sector
- **Implementing the initiative**
 - GPC, RCCs, Research Institutions
 - Regional Institutions such as ICPAC, ACMAD, RBOs etc
 - Regional groupings
 - Advanced NMHSs
 - UNDP
- **Financing various activities**
 - World Bank, Regional Banks, Development aid agencies



World Climate Conference-3

Better climate information for a better future

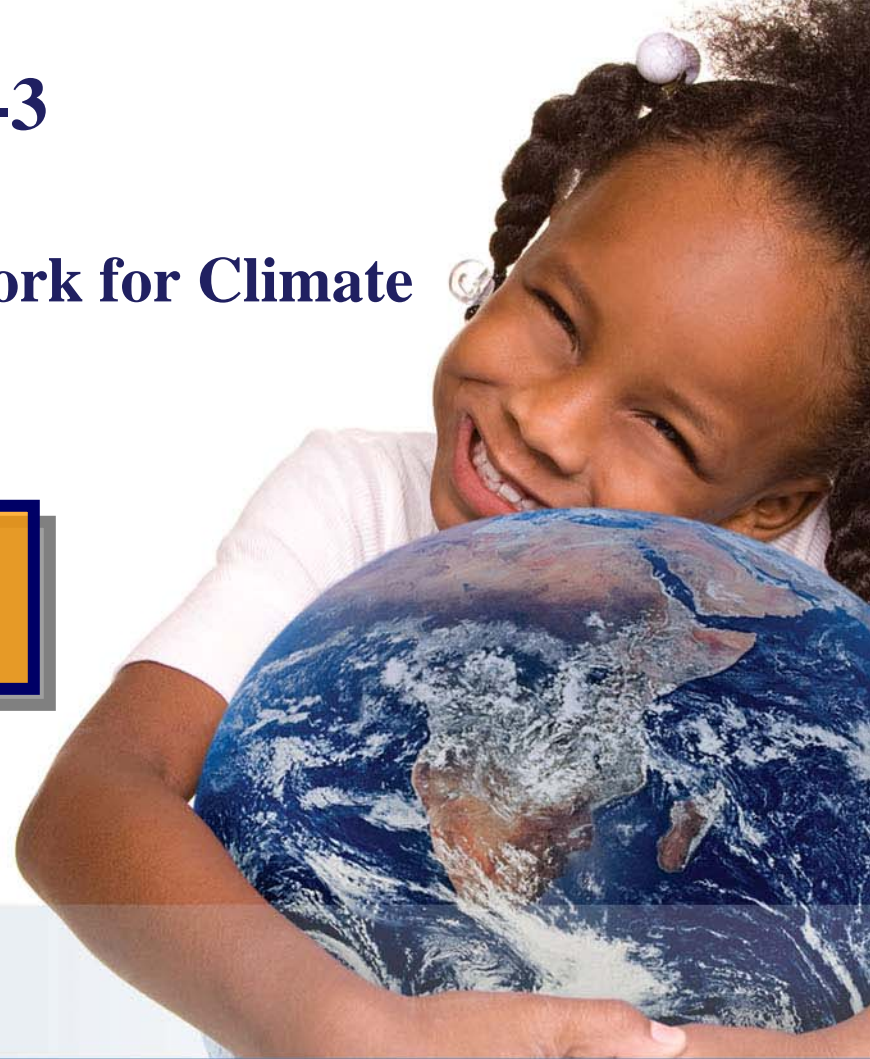
Towards a Global Framework for Climate Information

Thank you!



Geneva, Switzerland

31 August–4 September 2009



World
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