



Global Framework for Climate Services

Development of GFCS: The WMO contribution and the need for many partners

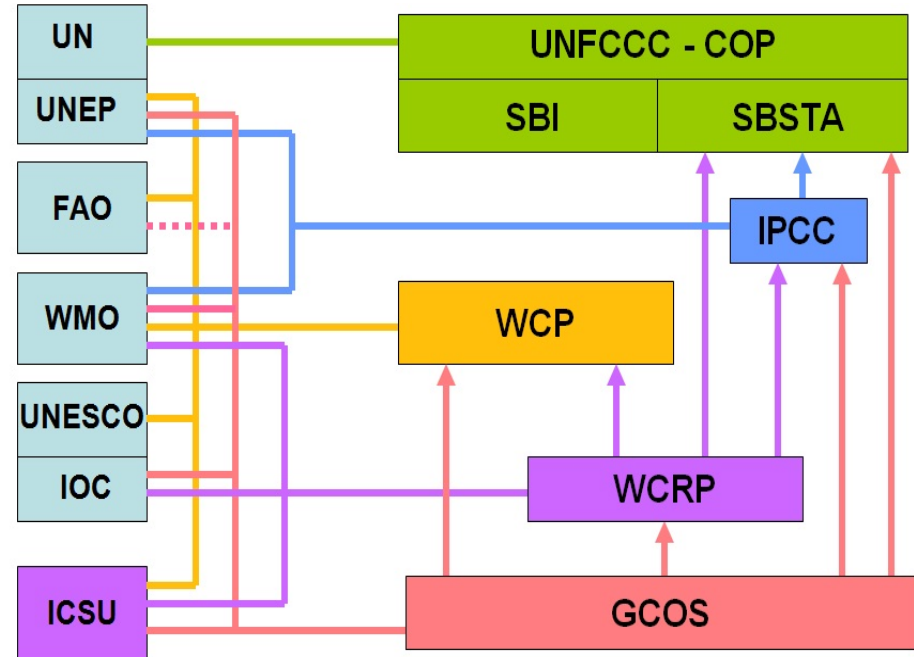
David Grimes
President,
World Meteorological Organization

Side event at the at the International Conference on Climate Services,
New York, 17 October 2011

- WMO provides international leadership in weather, climate, hydrology and water resources, and related environmental issues.



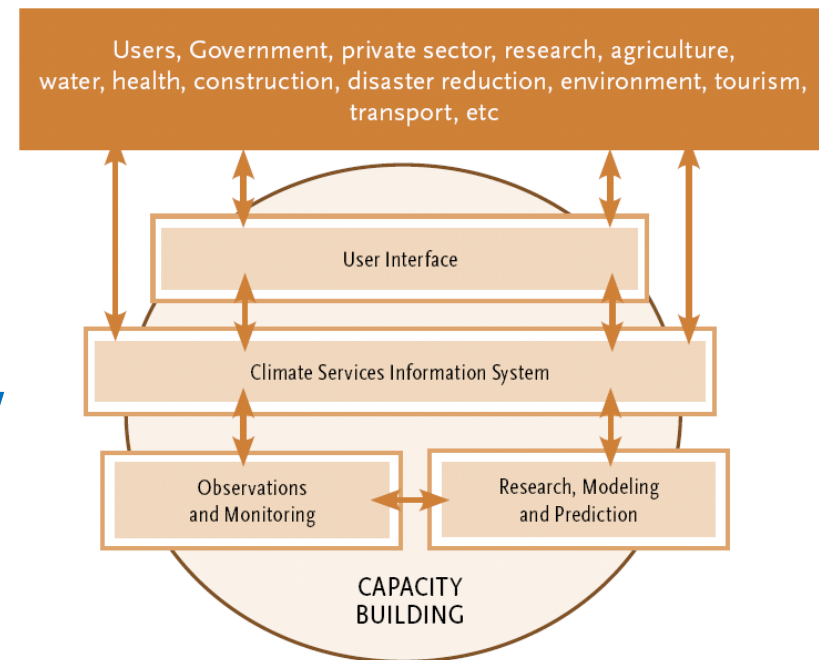
- Primary vehicle for achieving its outcomes is through 189 national meteorological and hydrological services of its Members
- WMO does work cooperatively with others to support its objectives and priorities
- **Climate arena has many players with diverse capabilities**



Global Framework for Climate Services

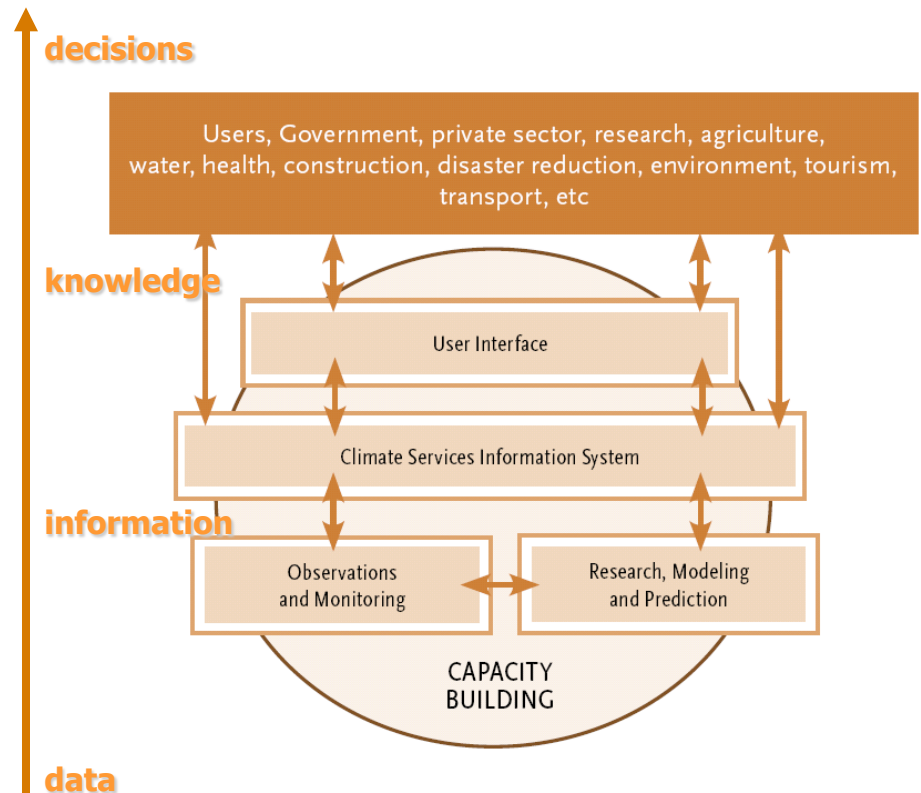
...An Opportunity for the World

- Objective – establish a globally integrated system for the provision of operational climate prediction and information services
- Timeline – 2012-2015 (initial)
- Benefits – significant socio-economic / environmental benefits especially for the most vulnerable
- Critical Success Factor - has to engage all contributors in the climate arena.



Key Implementation Mechanisms

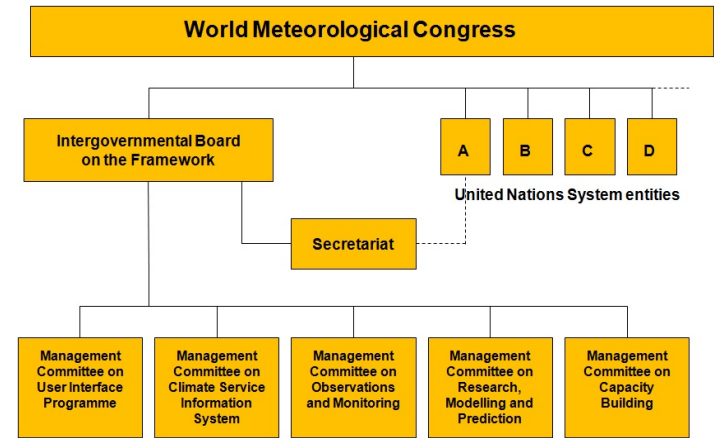
- Strengthen global cooperative systems for exchange of data and information
- Projects aimed for those least able to provide climate services
- Strategies for communications, resource mobilization and capacity building
- Governance for priority setting
- Targets for monitoring and evaluating performance



16th World Meteorological Congress

Decided...

- Hold an extraordinary session of Congress in November 2012 for:
 - Approval of a detailed implementation plan for the GFCS
 - Agree Terms of Reference, rules of procedure for its Intergovernmental Board and considerations of its substructures
- Create a Task Team from its Executive Body to prepare relevant documents for consideration by Congress
 - Broadly consult on their development
- Encourage the use of existing mechanisms for the development and management of the GFCS



The final structure and nature of management committees to be decided when the draft implementation plan is completed

Broad Outline of Timetable

July – Feb '12: Working with stakeholders to draft plan and governance proposals

April '12: 1ST Consultation Drafts ready for review

June '12: WMO Executive Council

Jul '12: 2nd Consultation Drafts ready for review

Sept '12: Final version of Documents

Oct 26 '12: Extraordinary Congress commences.

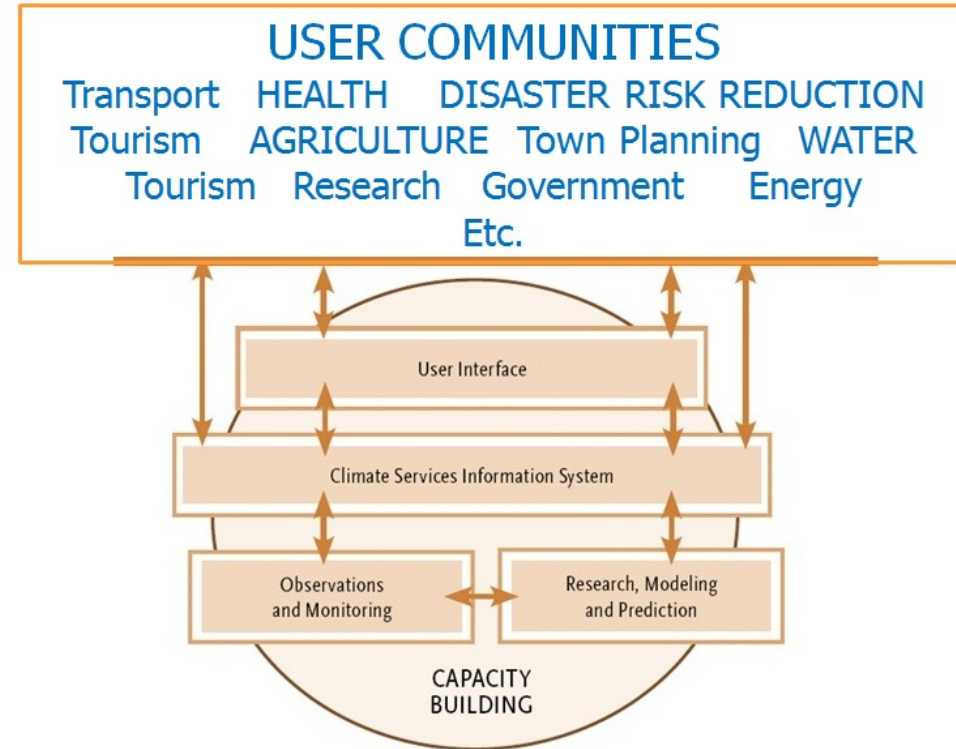
Timetable for Preparation of Draft Documents

ROAD MAP FOR THE DEVELOPMENT OF THE DETAILED IMPLEMENTATION PLAN FOR THE GFCS																							
ID	Deadline	Activity	Goal/Deliverable	Input	Start	Finish	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1	08 July 2011	1. Agreement on process, strategies and activities	- Agreement on the process to be followed leading up to Cg Ext 2012 - Agreement on the overall strategy for the development of the implementation plan - Agreement on the process for consultations and engagement of partners, Members and stakeholders to ensure ownership.	POB Members, GFCS Office																			
		1.1 Outline of the implementation plan			8-Jul-11	8-Jul-11																	
		1.2 Development of TOR and Timelines for Experts																					
		1.3 Identification of experts (members)																					
		1.4 Strategy for engaging Members, partners and stakeholder																					
2	31 October 2011	2. Brainstorming Sessions	Obtain contributions from experts of the various pillars to be reflected in the implementation Plan	WMO Technical Rep, GFCS Office																			
3	31 October 2011	3. Consultations	- Consultations with various Geneva based groups	GFCS Office																			
4	30 September 2011	4. Meetings of the EC TT	- Agreement on process for development of implementation Plan - Agreement on Outline of implementation Plan	POB Members, GFCS Office																			
	16 December 2011	4.2 Second Meeting	- Review Zero Order draft of implementation Plan	EC TT on GFCS																			
	16 February 2012	4.3 Third Meeting	Review of First Order draft of implementation Plan	EC TT on GFCS																			
5	1 December 2011	5. Implementation Plan	Draft Implementation Plan developed	Writers																			
	13 January 2012	5.2 Review of Zero order draft	Comments for the improvement of the draft Implementation Plan	EC TT on GFCS POB Members stakehold-ers																			
	31 January 2012	5.3 First Order draft completed	Improved draft implementation Plan	Writers																			
	16 February 2012	5.4 Review of First Order Draft	Additional comments for the improvement of draft Implementation Plan	EC TT on GFCS POB Members stakehold-ers																			
	31 March 2012	5.5 Consolidation of Report	Integration of Comments by writers	Writers																			
	13 April 2012	5.6 Final Review of Implementation Plan	Report Reviewed by contractor	Contractor																			
	13 April 2012	5.7 Final report ready	Final report ready																				
6	30 April 2012	6. Translation and Publication	Implementation Plan translated into six languages for EC	UNEP																			
7	July - August 2012	7. Intergovernmental Consultation	- Consultations in preparation of Cg Ext 2012	GFCS Office POB Members																			
8	31 August 2012	8. Finalization of Documents for Cg Ext 2012	Documents for Cg Ext 2012 prepared	GFCS Office																			

User Interface Platform (UIP)

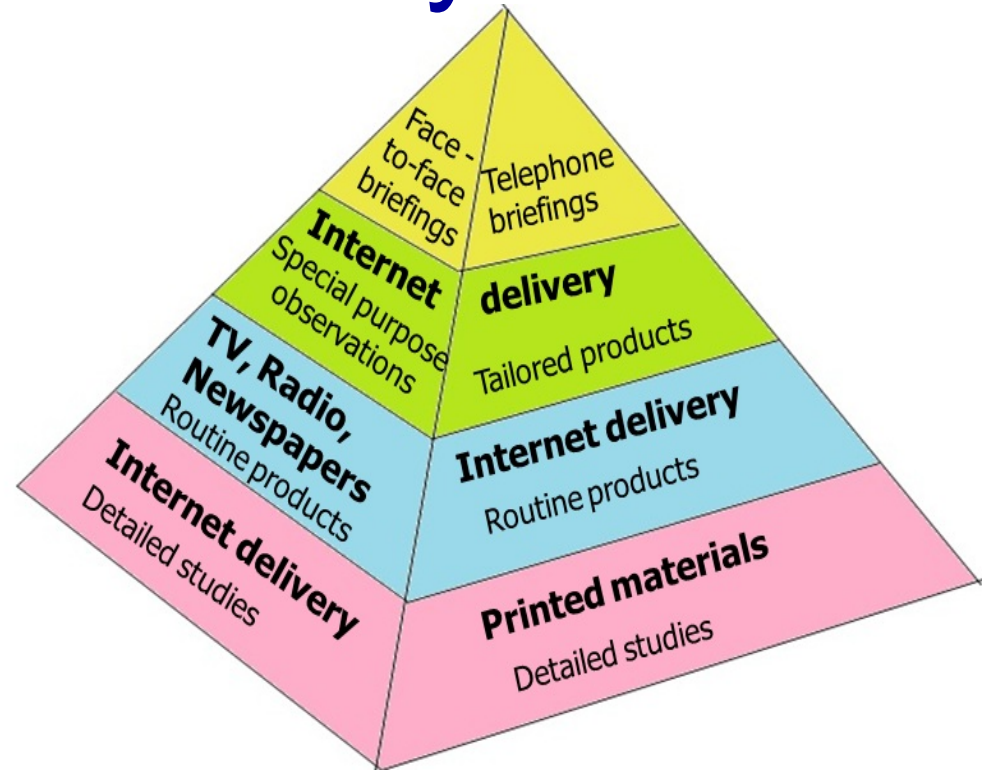
The WMO needs partners

- Many climate services will be delivered through intermediaries.
- The diverse range of user communities use different jargon, business models and preferred modes of sharing information.
- Effective climate services will require a degree of tailoring to accommodate user community requirements.
- The UIP will need to develop user community specific mechanisms that serve its three key roles: establishing requirements; monitoring the effectiveness of the GFCS; and, providing user training



The WMO Information System

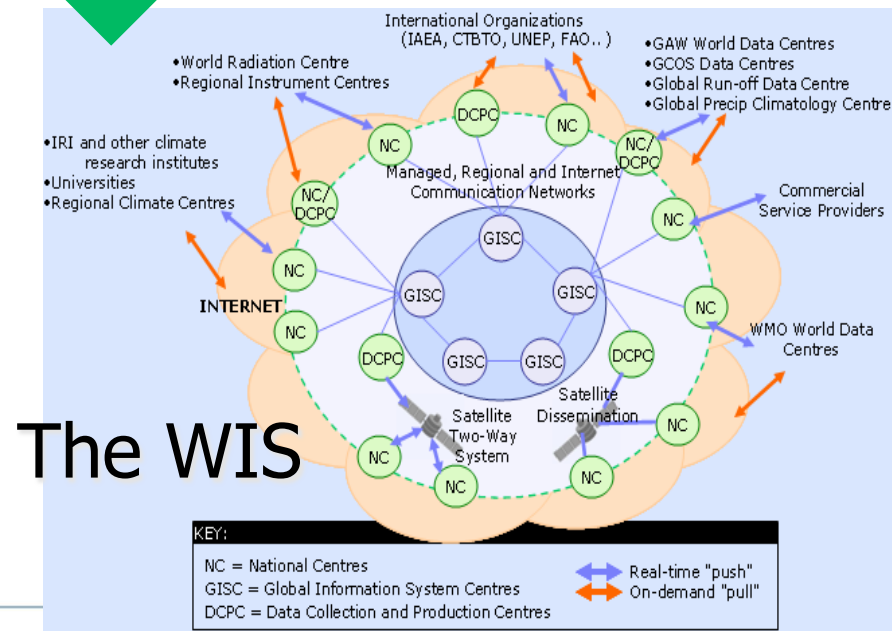
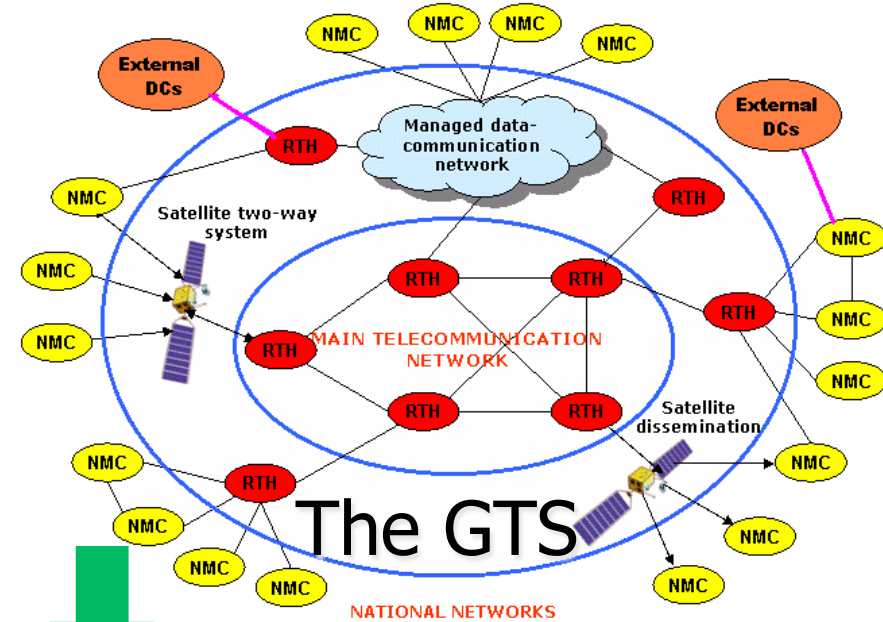
- Two core operational capabilities to support GFCS:
 - A product generation system
 - A data collection and an information and data distribution system (including advanced data management capabilities)



**FREE AND OPEN DATA
EXCHANGE IS THE
CORNERSTONE OF THE WMO'S
OPERATIONS**

The Climate Service Information System

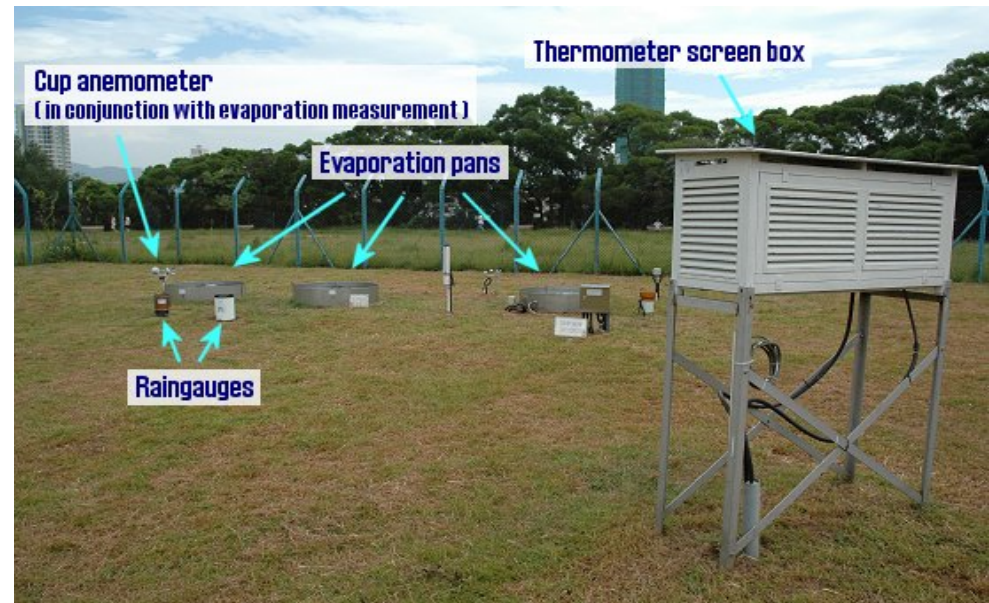
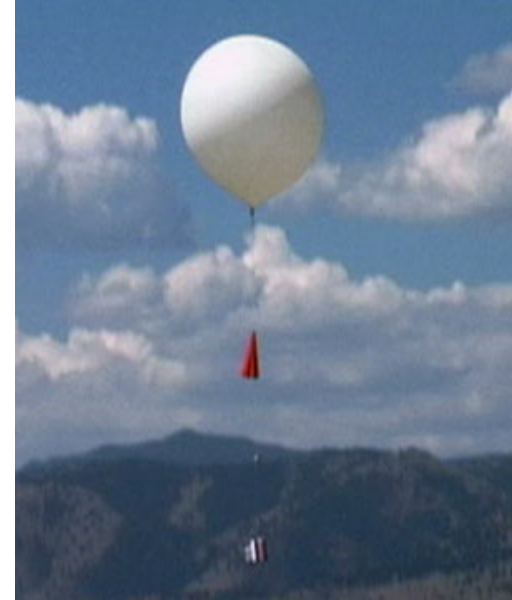
- Moving from a private network (WMO GTS) to
- Internet-based, high capacity network (WIS) to connect wide array of operational and research entities in the climate community.



Observations for Climate

- The WMO recognizes that while the observing networks it coordinates serve weather forecasting well, the study of climate and its impacts calls for more variables and more observation sites than our community has access to.
- We need to work towards global standards for observations used in climate services, and encourage the exchange of data within and between the various user communities.

We need new partners in this work



Climate Research

- Climate research is a diverse activity. The WMO, through the WCRP provides a global coordinating role for a number of aspects.
- Identified need for research capacity building in the developing world and for strengthening the links between users requirements for services, service providers and research centers.

We need new partners in this work



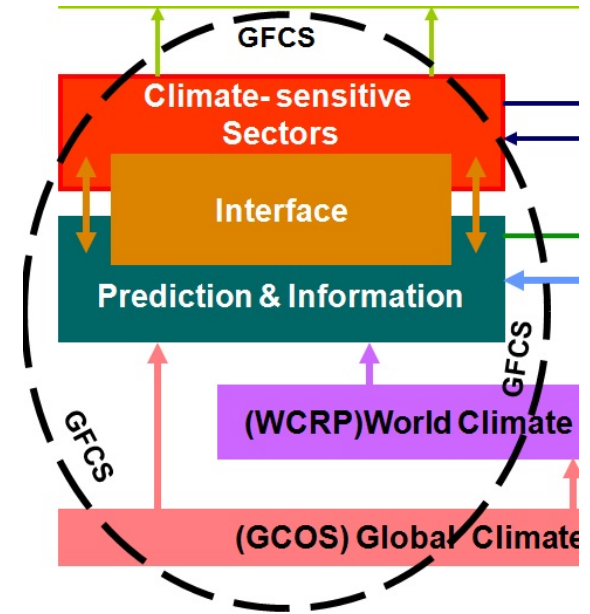
ANU Climate Change Institute *Building and supporting a cohesive, interactive community of researchers and teachers at ANU working on climate change.*



In Conclusion

- WMO working with the global community on a bold new initiative.
- With the help of a network of partners in the climate community, including your organization, we can make the world a safer and better place for climate vulnerable communities – that is, for everyone





Thank you