

GLOBAL CLIMATE

OBSERVING SYSTEM

GLOBAL CLIMATE OBSERVING SYSTEM (GCOS)

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KNOWLEDGE SHARING DIALOGUE, ISC online 4/12/2023



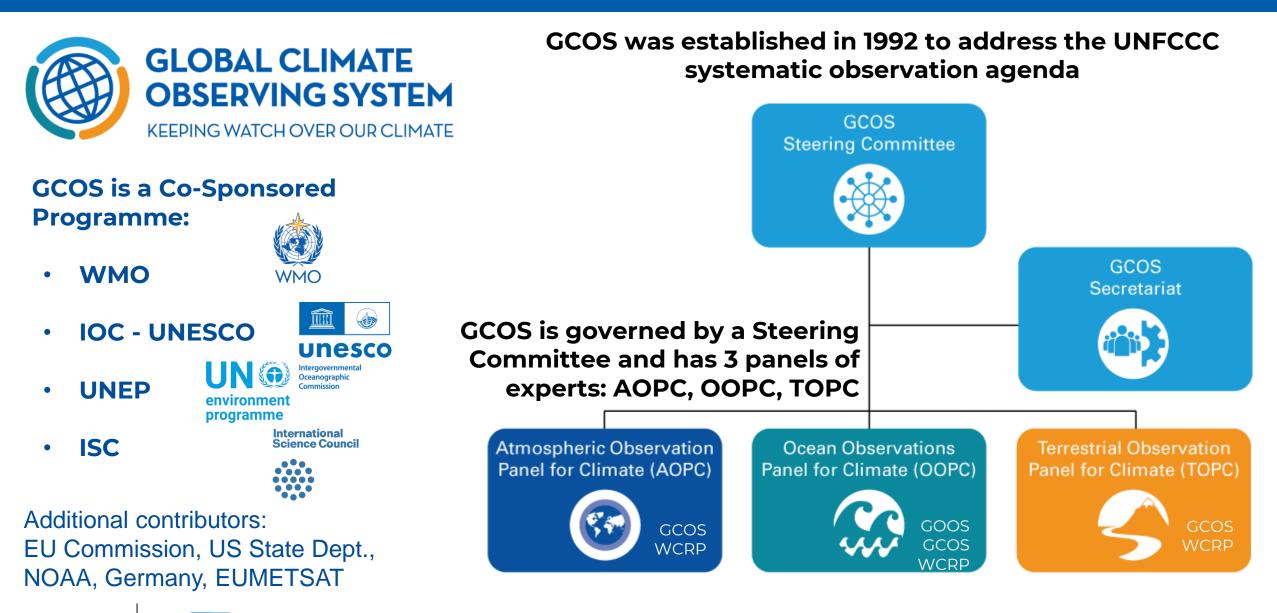








GCOS – Global Climate Observing System



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GCO

GCOS – Global Climate Observing System

VISION: a world where users have free ac to the climate-related information t

AIM: to ensure the availability and quality of or so that people can live with

cessary for climate data, mity and change

ACTIVITIES

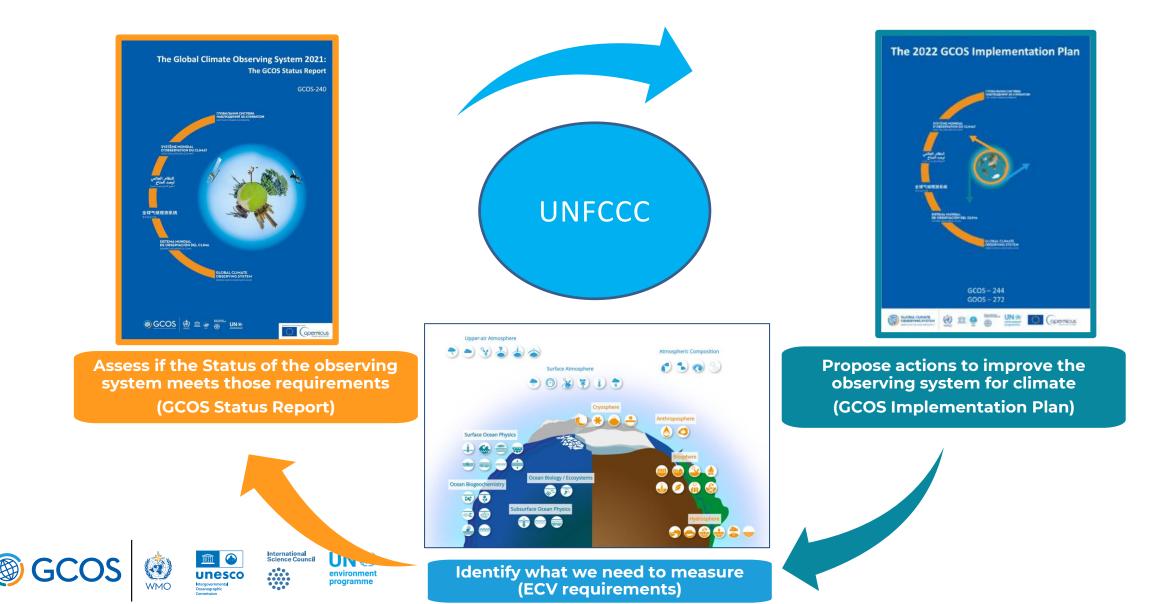
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Scos enables science Identify user needs for climate monitorip adaptation, sug develo continued into the UNFC future

Advocate for **free and** relevant data

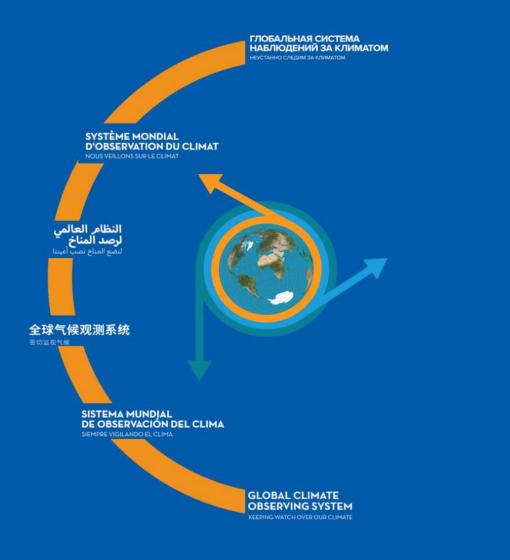


GCOS: main activities and outputs

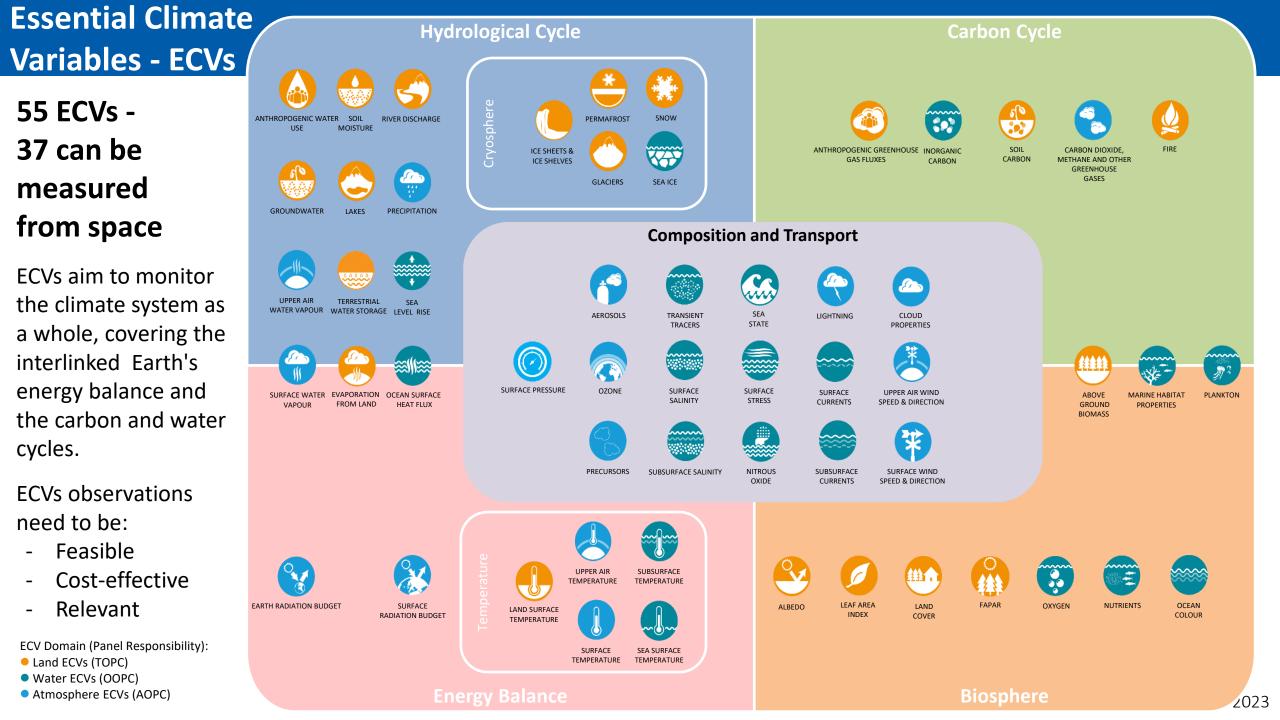


The 2022 GCOS Implementation Plan

Research and Academia Supplement

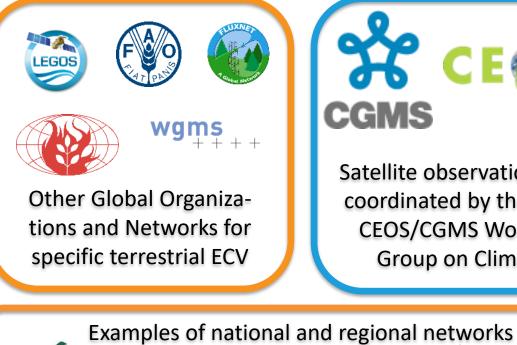


https://gcos.wmo.int/en/publications/gcosimplementation-plan2022



GCOS: an integrated system

GCOS does not make observations itself, is a system of systems cooperating with а wide range of organizations: National Meteorological and Hydrological Services, Satellite Agencies, in situ networks, National and regional bodies, Research centres, etc.



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GCOS

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Satellite observations are coordinated by the Joint **CEOS/CGMS Working** Group on Climate

tern

Ecosystem Research Infrastructure

WIGOS, GSN, GUAN, GRUAN, GBON

Meteorological related networks, like:

a number of different ocean climate-related networks, in collaboration with GOOS

GTN-H

GTN-P

Global terrestria

Network for

WH 🔊 S

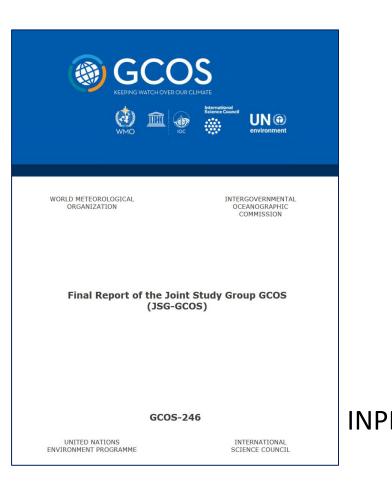
opernicus and a wide range of other partners who support GCOS, host data centres, etc

Examples of global networks associated with GCOS

GTN-G

WRMC-BSRN

GCOS – Change of Leadership and of MoU





New Director of the GCOS Secretariat Mr Nir Stav Previous Executive Director of the

Israeli Meteorological Service











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Intergovernmental Oceanographic Commission

KEEPING WATCH OVER OUR CLIMATE







Supported by the European Union US Europe's eyes on Earth