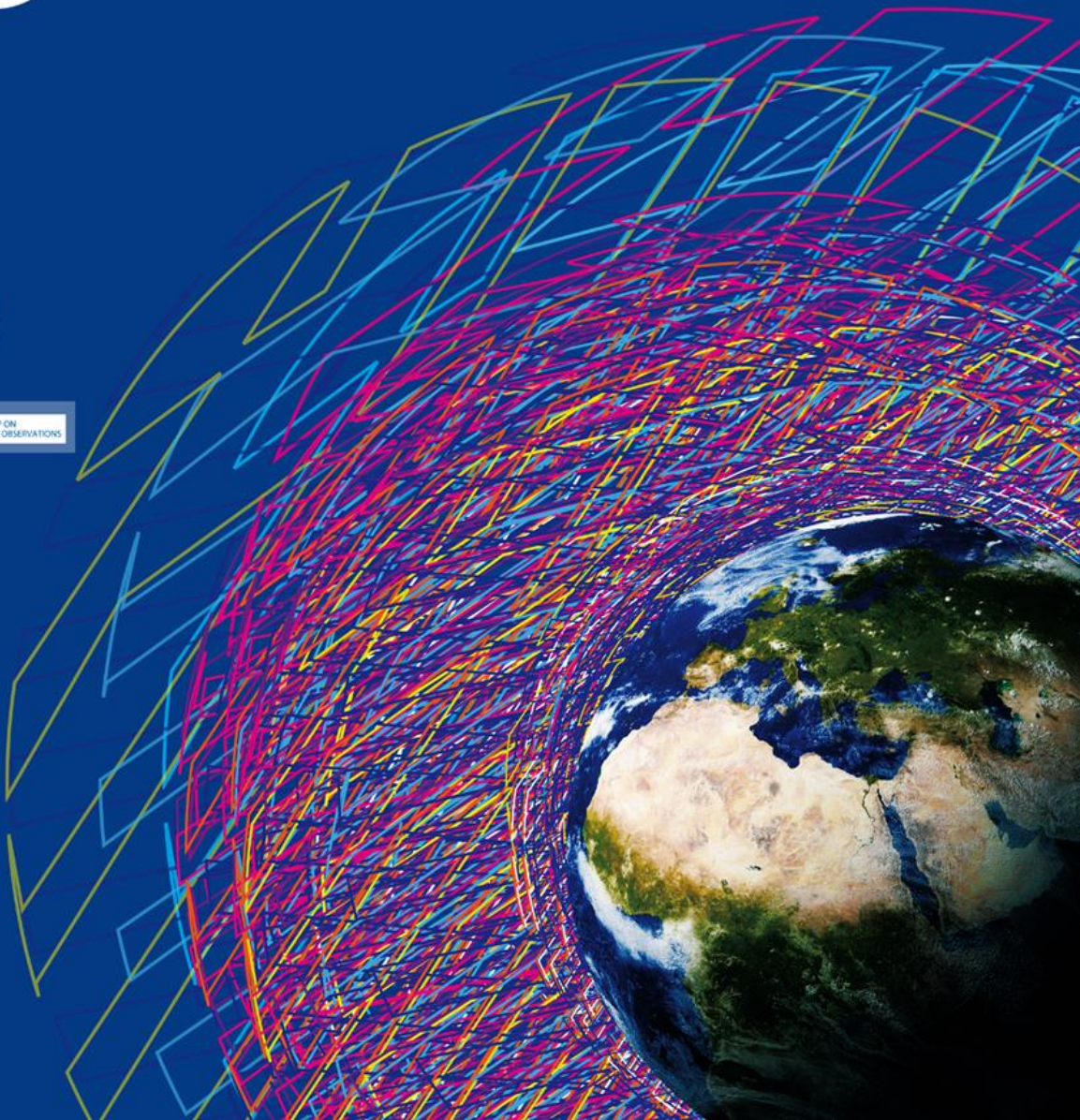


# 6<sup>TH</sup> GEO EUROPEAN PROJECTS' WORKSHOP



ROME, 7 & 8 MAY 2012

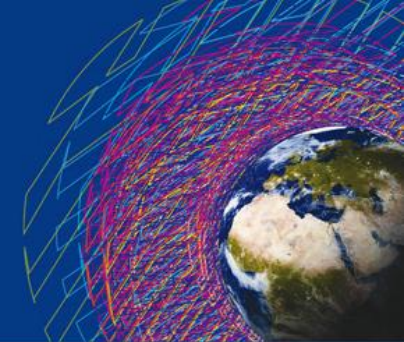
*Water Session*



# 6<sup>TH</sup> GEO

## EUROPEAN PROJECTS' WORKSHOP

ROME, 7 & 8 MAY 2012



European  
Commission



National Research Council of Italy

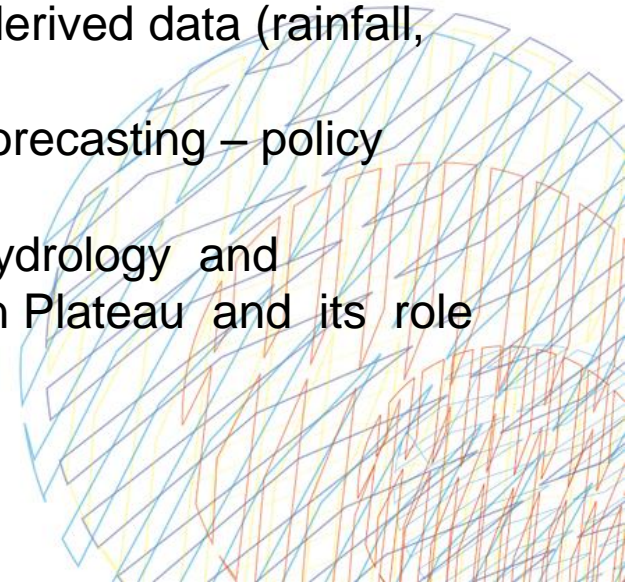


ISPRA  
Istituto Nazionale per lo Studio e la Cura  
dei Ambienti



GROUP ON  
EARTH OBSERVATIONS

1. **ChloroGIN-Lakes** Objective: to analyse water quality indicators in particular chlorophyll from in-situ measurements in combination with satellite derived estimates
2. **GLOWASIS** Objective: pre-validate a Global Water Scarcity Information Service:
  - by improving seasonal forecasting by satellite derived data (rainfall, soil moisture, snowcover,...)
  - by explaining the complexity of water scarcity forecasting – policy briefs
3. **CEOP-AEGIS** Objective: improve knowledge on hydrology and meteorology (in particular river flow) of the Tibetan Plateau and its role in climate, monsoon and extreme events

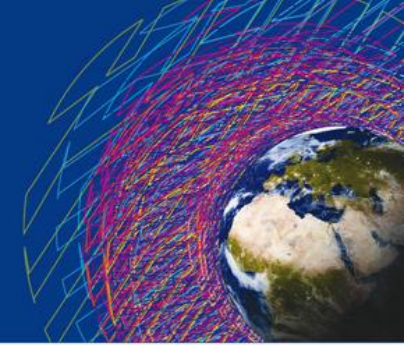




# 6<sup>TH</sup> GEO

## EUROPEAN PROJECTS' WORKSHOP

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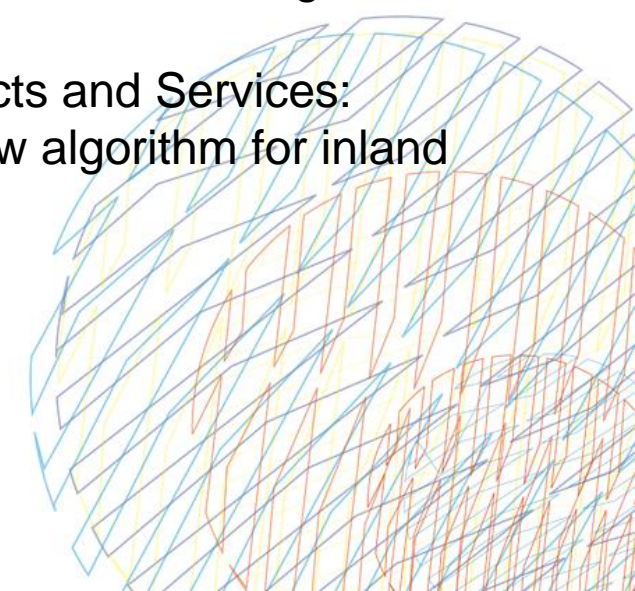
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GROUP ON EARTH OBSERVATIONS

### Contributions to GEO:

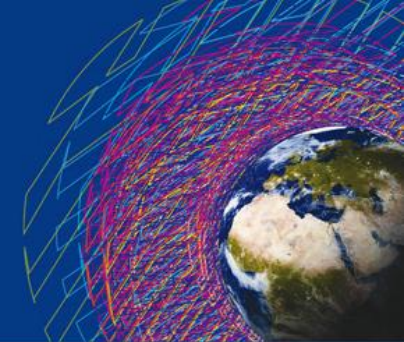
- GEO WA-01-C1 Integrated products: soil moisture, runoff, precipitation, snow cover, integrated data in-situ satellite
- GEO WA-01-C2 - 'Information Systems for Hydro-Meteorological Extremes (Incl. Floods and Droughts)'
- GEO WA-01-C4 – Global Water Quality Products and Services: improved EO derived water quality dataset, new algorithm for inland water
- GEO WA-01-C5 Capacity building in Asia
- *Results (data) available for downloading*



# 6<sup>TH</sup> GEO

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- Contributing by:
  - New products from the integration of Earth observations from different sources
  - Open Data
  - Dedicated portals, data access and processing
- Some Priorities and requirements:
  - Increased availability of (basic) data to monitor fresh water worldwide
  - Need for large area hydrological models
  - Integration of water quantity and quality
  - Support for developing portals: avoid unnecessary high number of portals. Few highly customizable portals for the needs of the different user-communities?
  - Data harmonization
  - Support in community building and establishing collaborations
- How to interact in practice with GEO? Not so straightforward

