

Towards a New Science and Technology to Consolidate DRR and Sustainable Development

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Risk Reduction and Resilience

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GEO Objectives

- Improve and coordinate observation systems globally
- Advance broad open data policies/practices
- Foster increased use of Earth observation data and information
- Build capacity



A Global, Coordinated, Comprehensive and Sustained System of Observing Systems





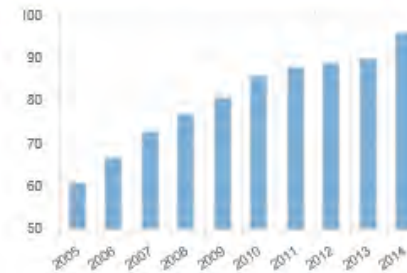
GEO Member Map for the year 2014



Number of Members (2014)

Total:	96
Africa:	24
Americas:	14
Asia/Oceania:	17
C.I.S.:	7
Europe:	34

Number of Members by year





89 Participating Organizations





UN Agencies/Treaties and Conventions



- **Value to GEO:** Utilize EO to achieve environmental mandates; increase political support for EO/GEO
- **Value to UN organizations:** Improve efficiency and effectiveness of measurement, monitoring and evaluation for international treaties and conventions



International Scientific Organizations



- **Value to GEO:** Leverage expertise and capacity to deliver on GEO's mission
- **Value to Organizations:** enable political support and continuity of observing systems to support scientific research and advancement; incorporate richer data assets to more effectively achieve organization objectives



Intergovernmental Organizations



- **Value to GEO:** Leverage expertise and capacity to deliver on GEO's mission
- **Value to Organizations:** Provide cross—sectoral observing system coordination; Incorporate richer data assets to more effectively achieve organization objectives



International Development Banks



- **Value to GEO:** Leverage expertise and capacity to deliver on GEO's mission; potential funding for GEO projects
- **Value to IDBs:** Utilize EO to select, monitor and evaluate in-country loan projects



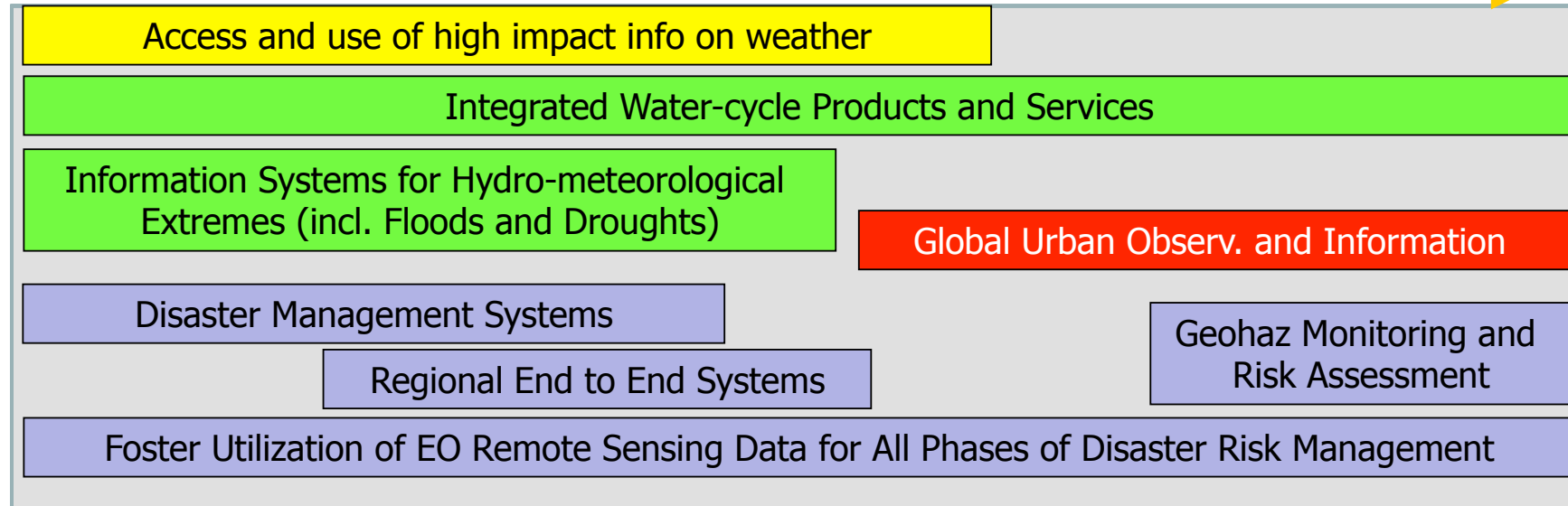
Towards the Post-2015 Framework for DRR

Risk Governance | **Risk Knowledge**

Reducing Existing Risk | **Preventing New Risk** | **Strengthening Resilience**

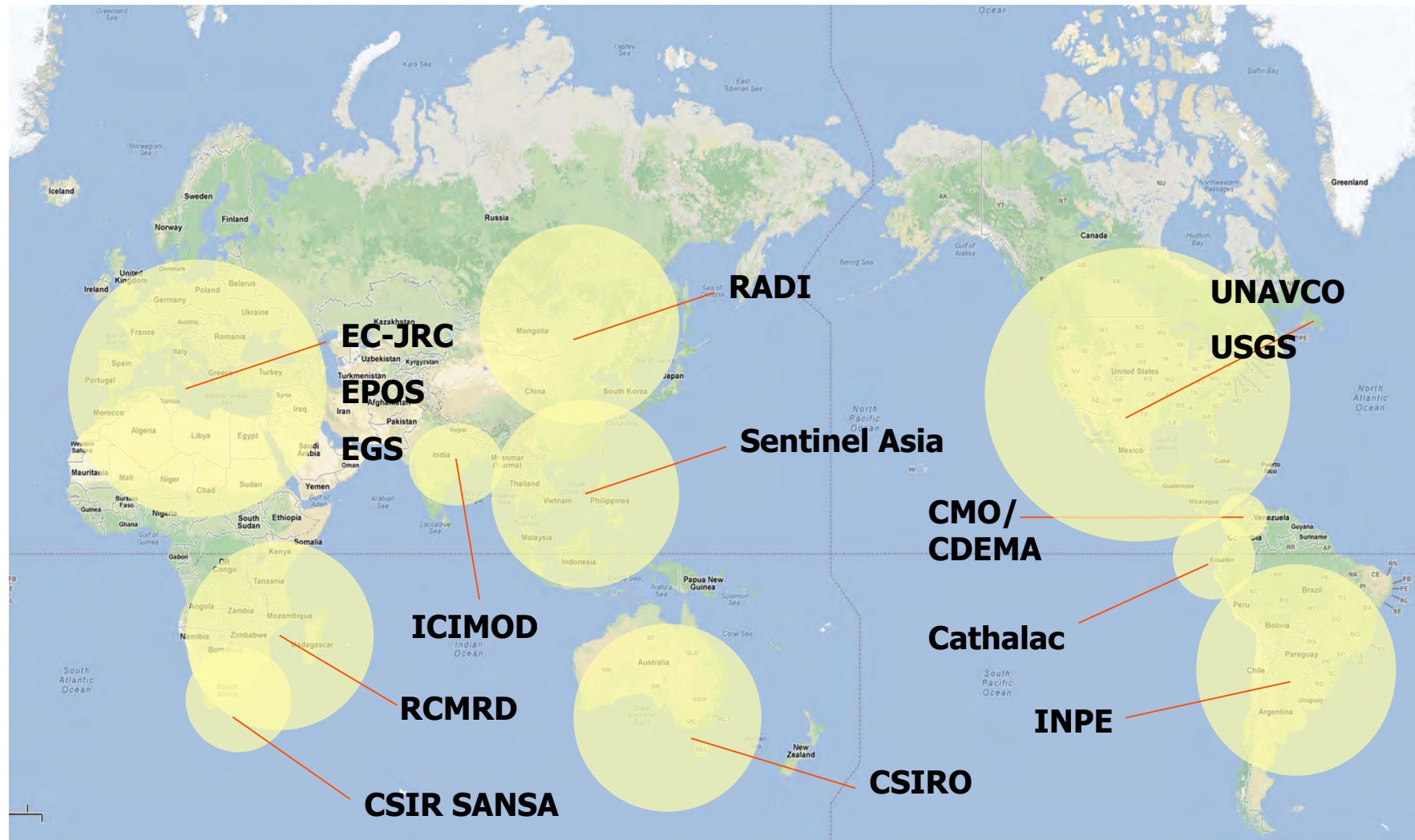
First responders | Disaster managers | Local – National – Regional Adm. | Scientists

Hours | **Days** | **Months** | **Years**





GEO Regional Stakeholders





GEO's Role in Development of Framework for DRR

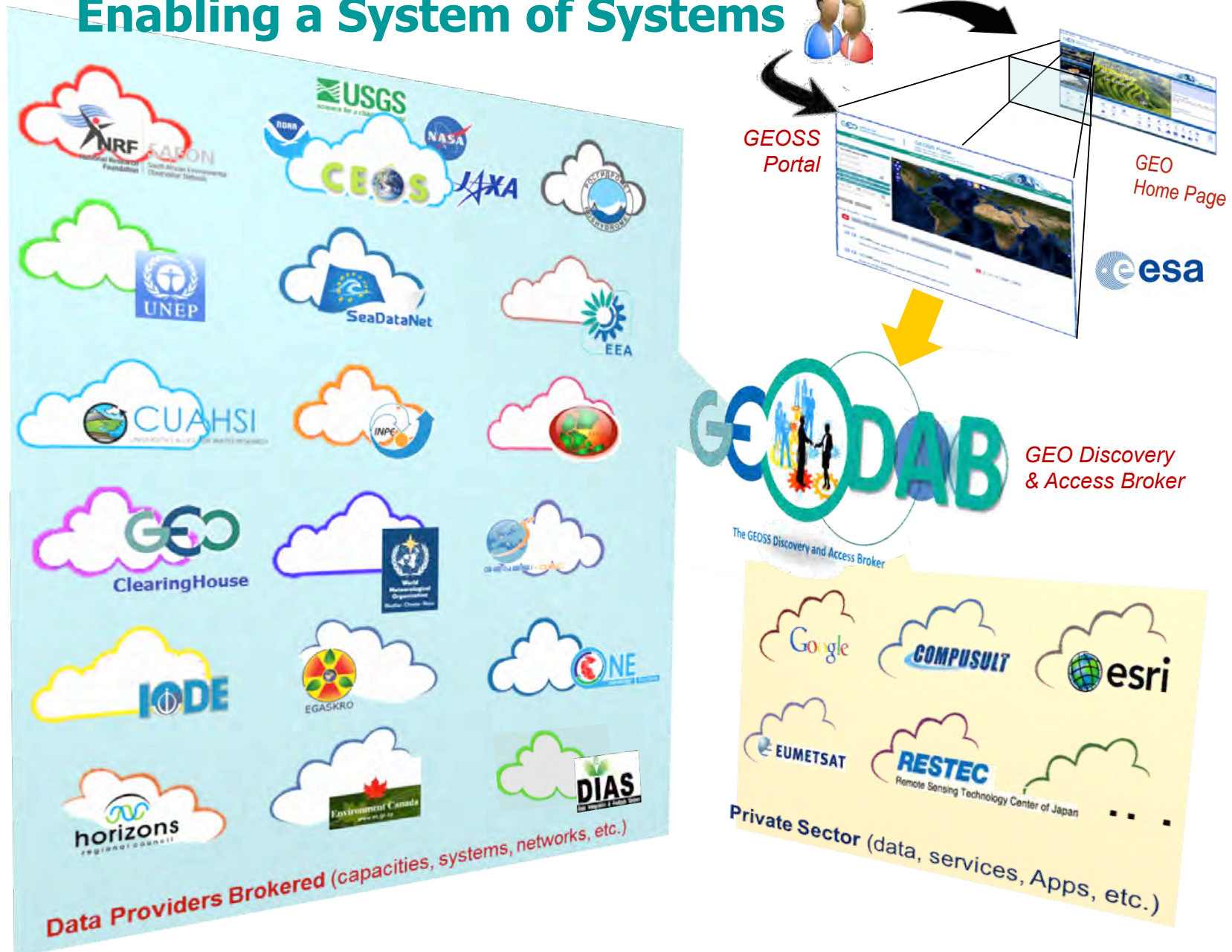
- Observer status
- Regional Platforms and Ministerial Meetings
- CEOS WCDRR Task Team (WTT) led by JAXA
- Preparatory and Open-Ended Informal Consultative Meetings (Geneva)
- Informal working group on Targets
- **Text supporting the role of EO for DRR**
- **Concept note with 17 co-organizers, including FAO, ADRC, GFDRR, MEXT, JAXA, DLR, Tohoku University**
- WCDRR Working Session on Earth Observations (Innovation and High-Technology to Reduce Risks)
- **Working Session n. 30 on “Measuring and Reporting Progress”**



GEO and SDGs: Tokyo Statement

“The participants of the 7th Global Earth Observation System of Systems (GEOSS) Asia-Pacific Symposium, hosted by the Group on Earth Observations (GEO) [...] welcome the emerging initiative, led jointly by World Health Organization (WHO), United Nations Human Settlements Programme (UN-HABITAT), and United Nations Environment Programme (UNEP), to integrate Earth observations with other data and information in tackling the challenges of monitoring the complexities in the post-2015 development of the water sector.”

Enabling a System of Systems





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