



The Role of Earth Observations in Relation to Global Challenges Such as SDGs

Panelists:

- GEO Water:
- GEO-BON:
- GEO Carbon & GHG:
- Blue Planet:
- GEOGLAM:
- Implementation of 2030 Agenda:

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Moderator: Osamu Ochiai (GEO Secretariat)





Session structure

- 1. Session Introduction Osamu Ochiai (5min)
- Introduction of each Flagship and Initiative 6 Panelists (30min)
- 2. Questions to Panelists (30min)
- 3. Questions from audience (10min)





GEO Engagement Priorities 2017-2019

Five priorities:

- 2030 Agenda for Sustainable Development
- <u>Climate Change Greenhouse Gas Monitoring</u>
- Disaster Risk Reduction
- Resilient cities and human settlements
- Ecosystem accounting

Criteria:

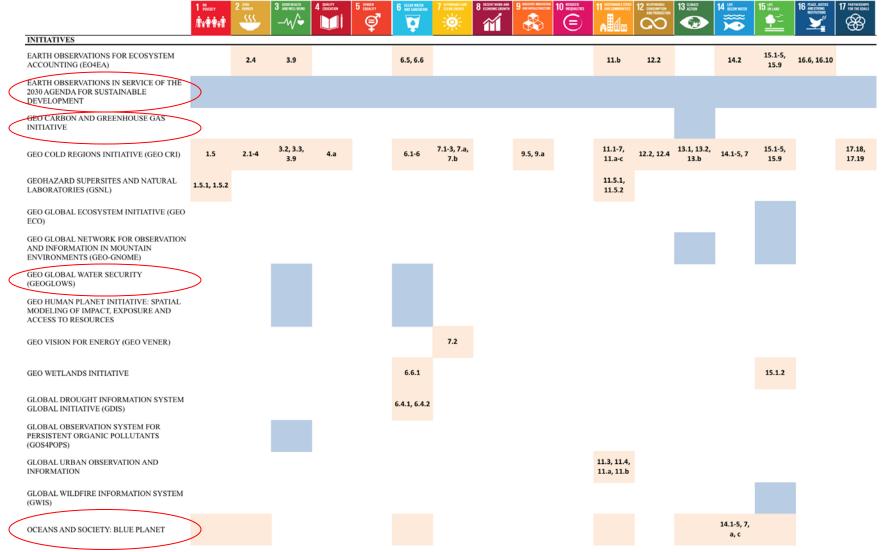
- **Political relevance** building on well-established, recent or upcoming international agreements
- Strong and active communities and activities in GEO
- Potential to secure resources





SDGS 2016 Rapid Assessment results

• All 22 Initiatives contribute to SDGs (specific targets), for example







SDGs 2016 Rapid Assessment results

• 4 out of 4 Flagships contribute to SDGs

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FLAGSHIPS																
GEO BIODIVERSITY OBSERVATION NETWORK (GEO BON)	>	2.4, 2.5	3.d		6.3, 6.6					11.3			14.4, 14.5	15.1-5, 7, 8, c		
GEO GLOBAL AGRICULTURAL MONITORING (GEOGLAM)	>	2.1, 2.3, 2.4, 2.a, 2.c														
GLOBAL FOREST OBSERVATION INITIATIVE (GFOI)												13.2, 13.3		15.1, 15.2, 15.b		17.14
GLOBAL OBSERVATION SYSTEM FOR MERCURY (GOS4M)								9.4, 9.5, 9.a			12.2, 12.4, 12.8, 12.a		14.1, 14.2			17.6-7, 17.9, 17.14, 17.17