

Collaboration, Partnerships and Information Sharing -- a GEO Perspective

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Barbara J. Ryan
Director, GEO Secretariat
Geneva, Switzerland





Two Key Messages

- Organizational Collaboration – Internationally, Regionally and Nationally; and
- Technological Collaboration – Federated/linked Platforms, underpinned by Open Standards and Open Data (gov't data).



A Tiered Look at the SDGs



Earth observations & the SDGs

Alignment of the SDGs with specific types of Earth observation and geospatial information & products



	Population distribution	Cities and infrastructure mapping	Elevation and topography	Land cover and use mapping	Oceanographic observations	Hydrological and water quality observations	Atmospheric and air quality monitoring	Biodiversity and ecosystem observations	Agricultural monitoring	Hazards, disasters and environmental impact monitoring
1 No poverty										
2 Zero hunger										
3 Good health and well-being										
4 Quality education										
5 Gender equality										
6 Clean water and sanitation										
7 Affordable and clean energy										
8 Decent work and economic growth										
9 Industry, innovation and infrastructure										
10 Reduced inequalities										
11 Sustainable cities and communities										
12 Responsible consumption and production										
13 Climate action										
14 Life below water										
15 Life on land										
16 Peace, justice and strong institutions										
17 Partnerships for the goals										





EO linkages with SDGs

Goals, Targets, and Indicators

Most likely Targets and Indicators that Earth observations can contribute to (directly or indirectly)

Sustainable Development Goals																			
GEO & Earth Observations in Service to <i>Agenda 2030</i>																			
Target <i>Contribute to progress on the Target yet not the Indicator per se</i>										Goal	Indicator <i>Direct measure or indirect support</i>								
DRAFT										1.4	1.5	1	1.4.2						
										2.3	2.4	2.c	2.4.1						
										3.3	3.4	3.9	3.d	3.9.1					
												5.a	5.9.1	5.a.1					
	6.1	6.3	6.4	6.5	6.6	6.a	6.b	6.b	6.b	6	6.3.2	6.4.2	6.5.1	6.6.1					
										7.2	7.3	7.a	7.b	7.1.1					
												8.4							
										9.1	9.4	9.5	9.a	9.1.1	9.4.1				
										10.6	10.7	10.8	10.a						
11.1	11.3	11.4	11.5	11.6	11.7	11.b	11.c	11.c	11.c	11	11.1.1	11.2.1	11.3.1	11.5.2	11.6.2	11.7.1			
										12.2	12.4	12.8	12.a	12.b	12.a.1				
										13.1	13.2	13.3	13.b	13.1.1					
										14.1	14.2	14.3	14.4	14.6	14.7	14.a	14.3.1	14.4.1	14.5.1
15.1	15.2	15.3	15.4	15.5	15.7	15.8	15.9	15.9	15.9	15	15.1.1	15.1.2	15.2.1	15.3.1	15.4.1	15.4.2			
												16.8							
17.2	17.3	17.6	17.7	17.8	17.9	17.16	17.17	17.18	17.18	17	17.6.1	17.18.1							



GEO Vision

**To realize a future
wherein decisions and actions,
for the benefit of humankind,
are informed by
coordinated, comprehensive & sustained
Earth observations & information.**



103 GEO Members

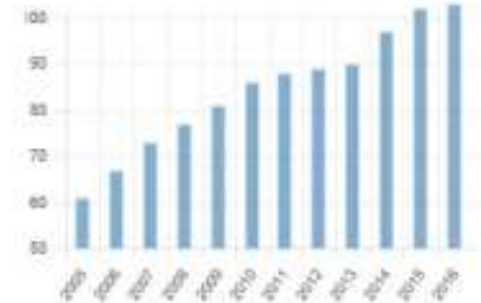


Number of Members (2016)

Africa:	27
Americas:	16
Asia/Oceania:	19
C.I.S.:	7
Europe:	34

Total: 103

Number of Members by year





103 Participating Organizations



Integrating Earth Observations across Many Platforms and Domains to Benefit Society

International Data Providers*

Environment



Biodiversity



Disasters



Energy



Food & Security



Satellites



Water



Regional and National Providers*

Chile



China



France



Germany



Italy



Japan



New Zealand



Norway



United Kingdom



India



Russia



South Africa



Spain



USA



Private Sector Providers



GEO Website



GEOS Portal



GEO DAB

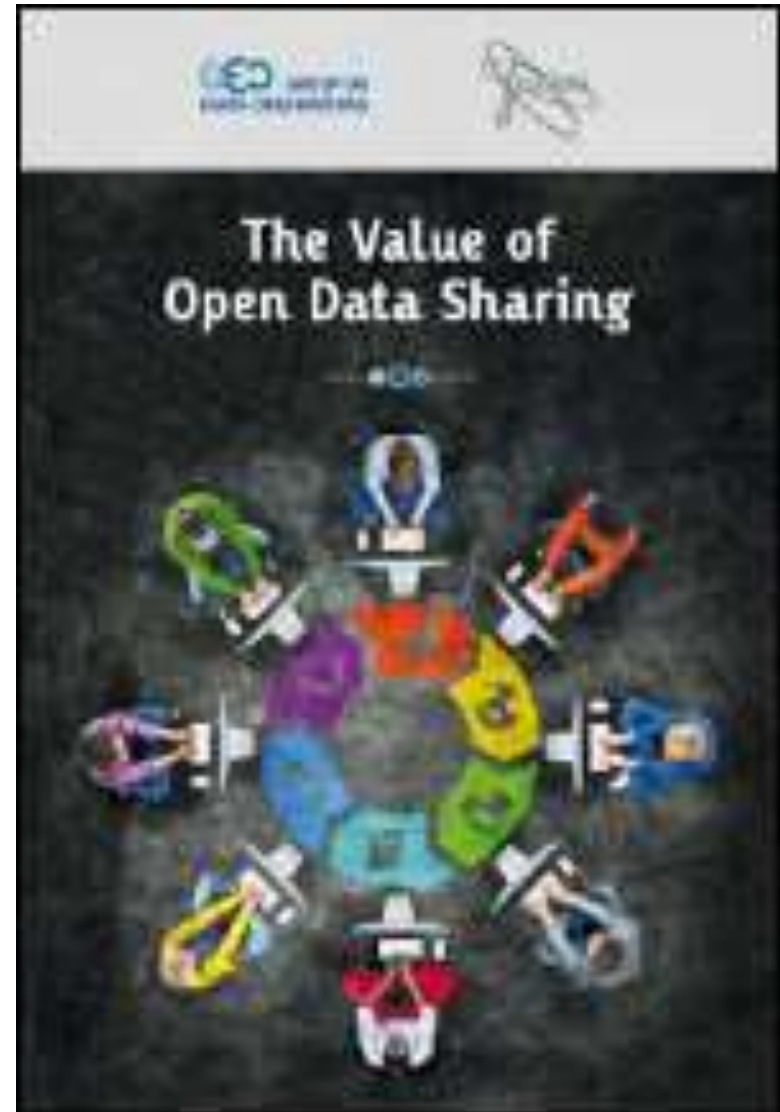
Discovery and Access Broker (DAB)

* more than a hundred in total



The Value of Open Data Sharing

- **Research & Innovation**
- **Education**
- **Capacity Development**
- **Effective Governance & Policy Making**
- **Social Welfare**
- **Economic Growth**





In Summary

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- Technological Collaboration – Federated/linked Platforms, underpinned by Open Standards and Open Data (gov't data).

GEO Work Programme Symposium

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12-13 May 2017

<http://www.earthobservations.org>



Twitter: @geosec2025 @barbararyangeo



Facebook: Group on Earth Observations

