



Earth Observation
Contributions to Sustainable
Development Goals

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ALIGNMENT OF EARTH OBSERVATIONS TO THE SUSTAINABLE DEVELOPMENT GOALS, TARGETS, AND INDICATORS

Target Contribute to progress on the Target, not necessarily the Indicator									Goal	Indicator Direct measure or indirect support to the Indicator				
							1.4	1.5	1 No poverty	1.4.2				
						2.3	2.4	2.c		2.4.1				
					3.3	3.4	3.9	3.d	3 Good health and well-being	3.9.1				
									4 Quality education					
								5.a	5 Gender equality	5.a.1				
		6.1	6.3	6.4	6.5	6.6	6.a	6.b	6 Clean water and sanitation	6.3.1	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	8 Decent work and economic growth					
					9.1	9.4	9.5	9.a	9 Industry, innovation and infrastructure	9.1.1	9.4.1			
						10.6	10.7	10.a	10 Reduced inequalities					
	11.1	11.3	11.4	11.5	11.6	11.7	11.b	11.c	11 Sustainable cities and communities	11.1.1	11.2.1	11.3.1	11.6.2	11.7.1
				12.2	12.4	12.8	12.a	12.b	12 Responsible consumption and production	12.a.1				
					13.1	13.2	13.3	13.b	13 Climate action	13.1.1				
		14.1	14.2	14.3	14.4	14.6	14.7	14.a	14 Life below water	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 Life on land	15.1.1	15.2.1	15.3.1	15.4.1	15.4.2
								16.8	16 Peace, justice and strong institutions					
17.2	17.3	17.6	17.7	17.8	17.9	17.16	17.17	17.18	17 Partnerships for the goals	17.6.1	17.18.1			













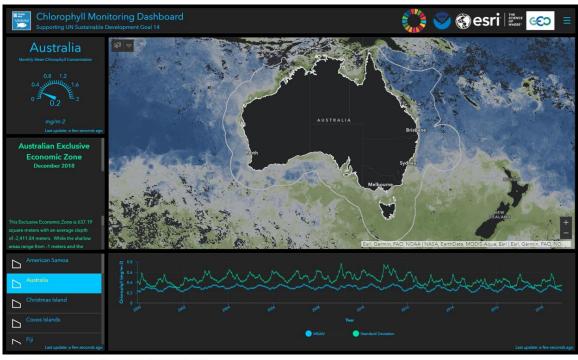






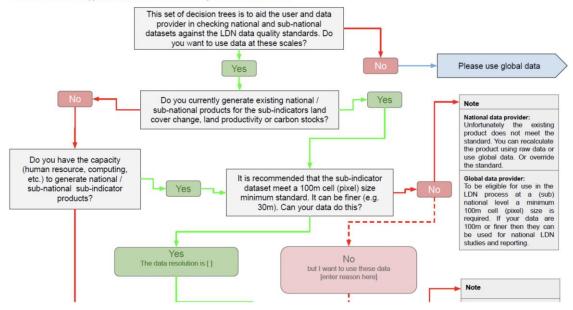


https://eo4sdg.org



Page 1: Data Quality Standards Decision Trees

Start with this tree and move through the process. Please record your choices where you see a [] for your record keeping and to aid reporting. Detailed information about each standard is available in Appendix A to the 'GEO-LDN Data Quality Standards Technical Note'.













SDG 14.1.1: Eutrophication and Marine Litter

- SDG 14.1 eutrophication indicators methodology
- Esri dashboard to identify eutrophication hot spots: https://chlorophyll-esrioceans.hub.arcgis.com/
- A global platform for monitoring marine litter





SDG 15.3.1: Land Degradation Neutrality

- Decision trees on data quality standards are implemented in <u>Trends.Earth</u>
- Technology Innovation Competition for Land Use Planning
- Next focus: Capacity Building (Probable initial focus in Africa)

Revised version of Good Practice Guidance for SDG Indicator 15.3.1 is now available.



Earth Observations Toolkit for **SUSTAINABLE CITIES**AND HUMAN SETTLEMENTS

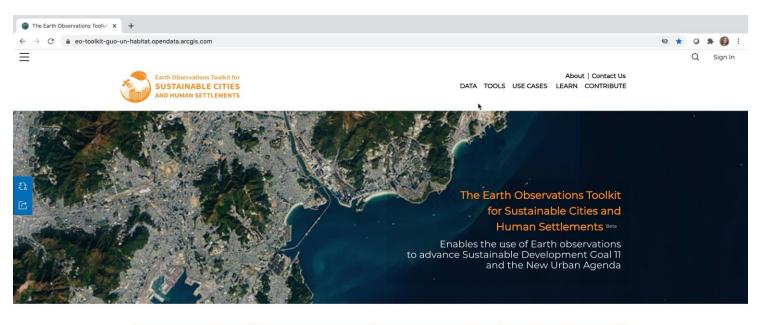
INCLUDES SDG 11 AND NEW URBAN AGENDA EO DATA, TOOLS & PRODUCTIVE USE CASES

Every data and tool includes:

- » Summary overview
- » Download link & add'l documentation
- » Links to training and tutorials
- » User Guides
- » Scientific Publication(s)

CONTRIBUTE>>

» Data, data, tools, use cases etc.





KEY CONTENT

HIGHLIGHTS

Visit: <u>eo-toolkit-guo-un-habitat.opendata.arcgis.com</u>



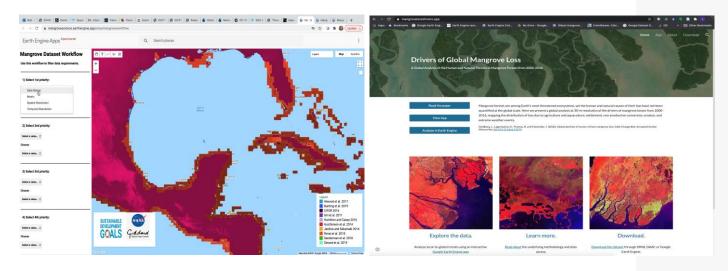




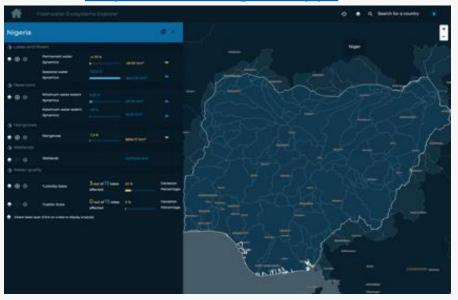


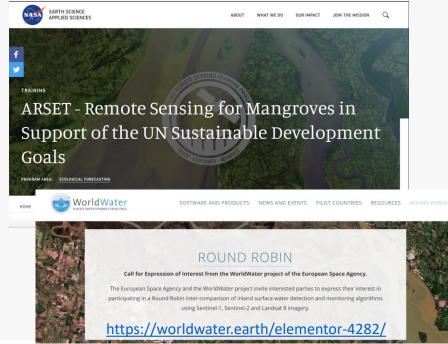
SDG 6.6.1: EXTENT OF WATER-RELATED ECOSYSTEMS

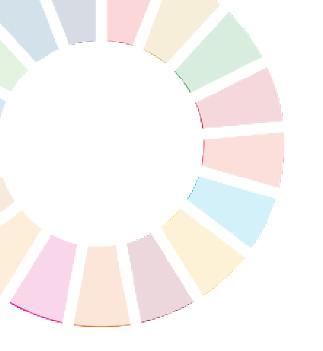
- Strong contribution from EO in Monitoring Methodology for Indicator 6.6.1
- Mapping baseline ecosystem extent and changes, leveraging global datasets
 - Permanent and seasonal surface water dynamics data
 - Reservoir dynamics
 - Wetlands, including mangroves
 - Lake Water Turbidity and Trophic State Index
- ❖ Need for development of national capacities



SDG 6.6.1 Freshwater Ecosystems Explorer https://www.sdg661.app/









Thank you!

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