

living planet symposium | BONN 23-27 May 2022

TAKING THE PULSE
OF OUR PLANET FROM SPACE



SDG indicator 15.3.1 - Land Degradation

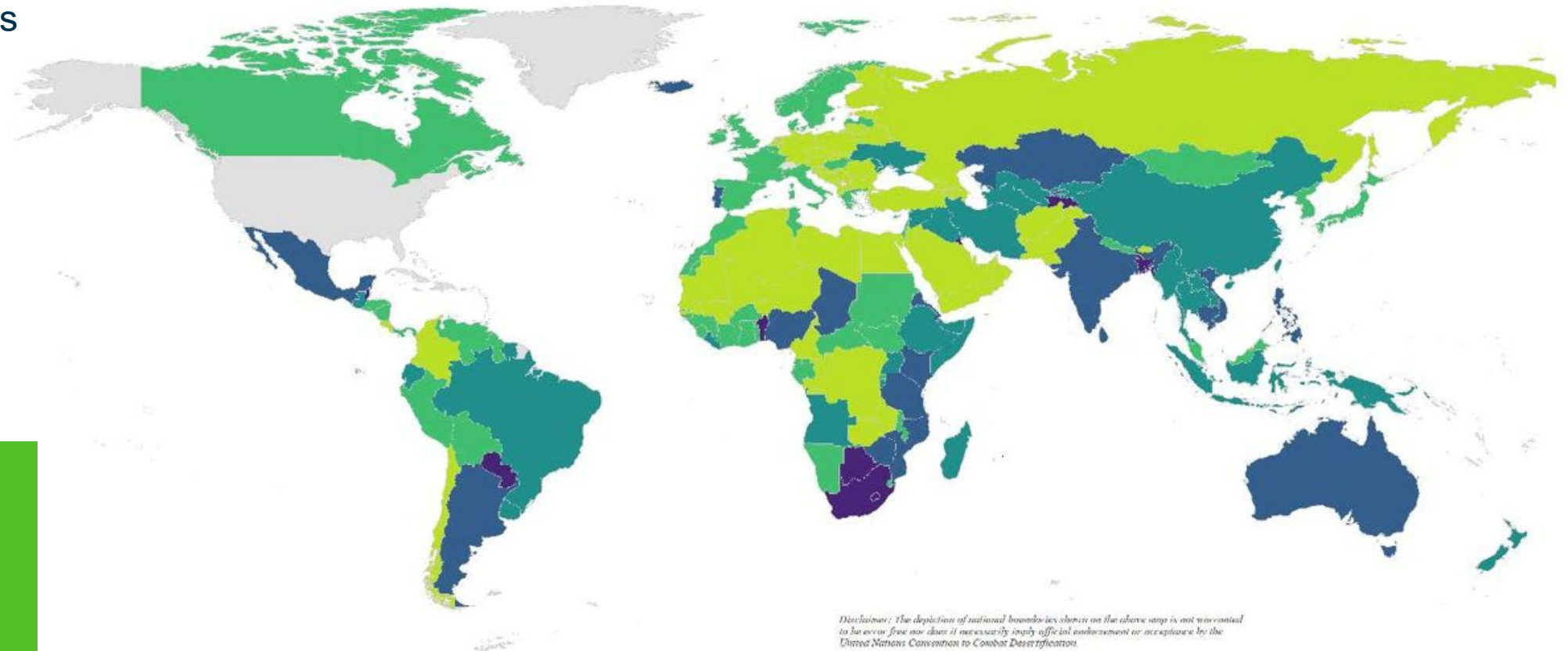
Sara Minelli
United Nations Convention to Combat Desertification

25 May 2022

How much land is degraded?

20% of the Earth's land area or more than 2 billion hectares is degraded

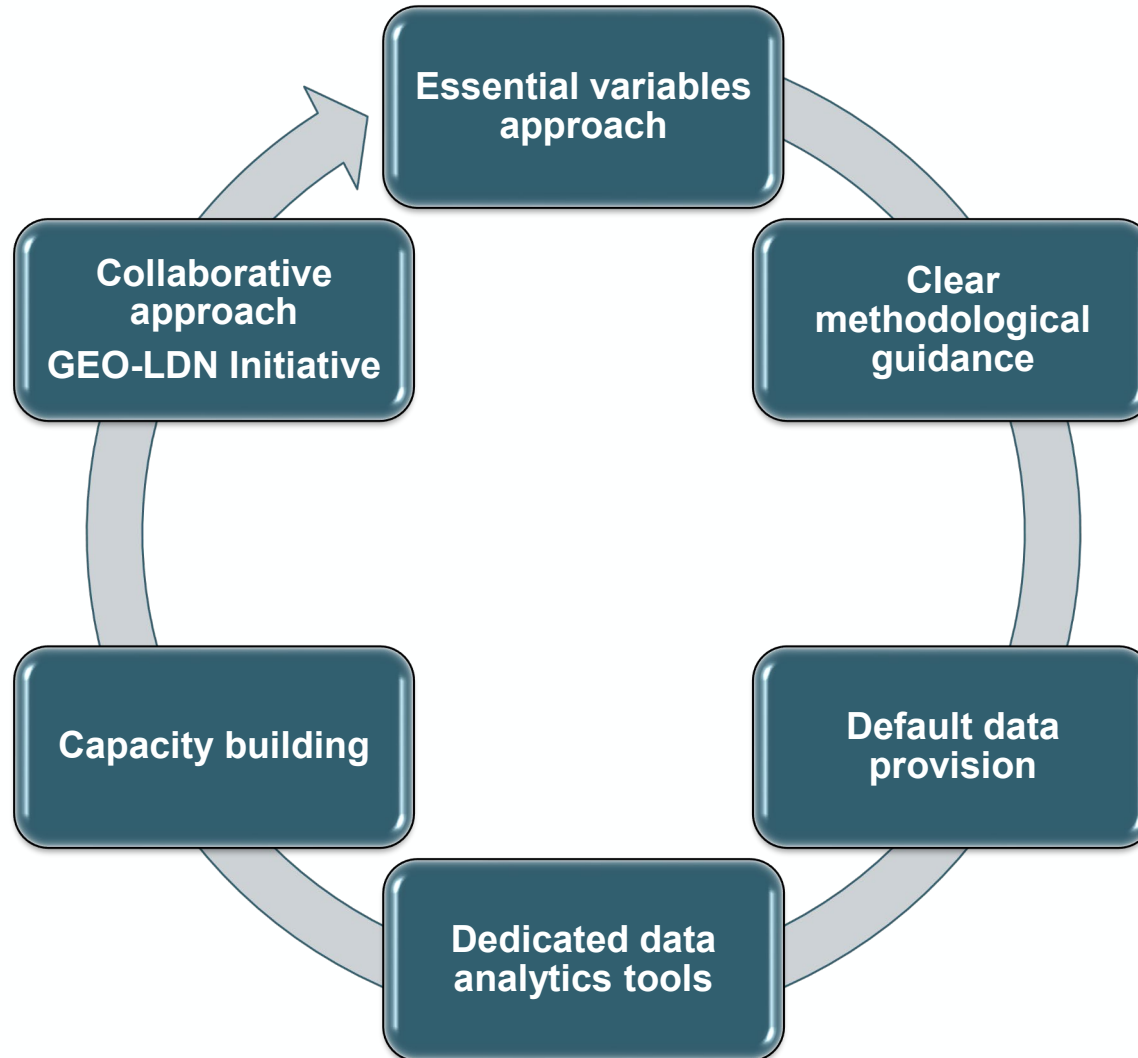
(SDG Report 2019)

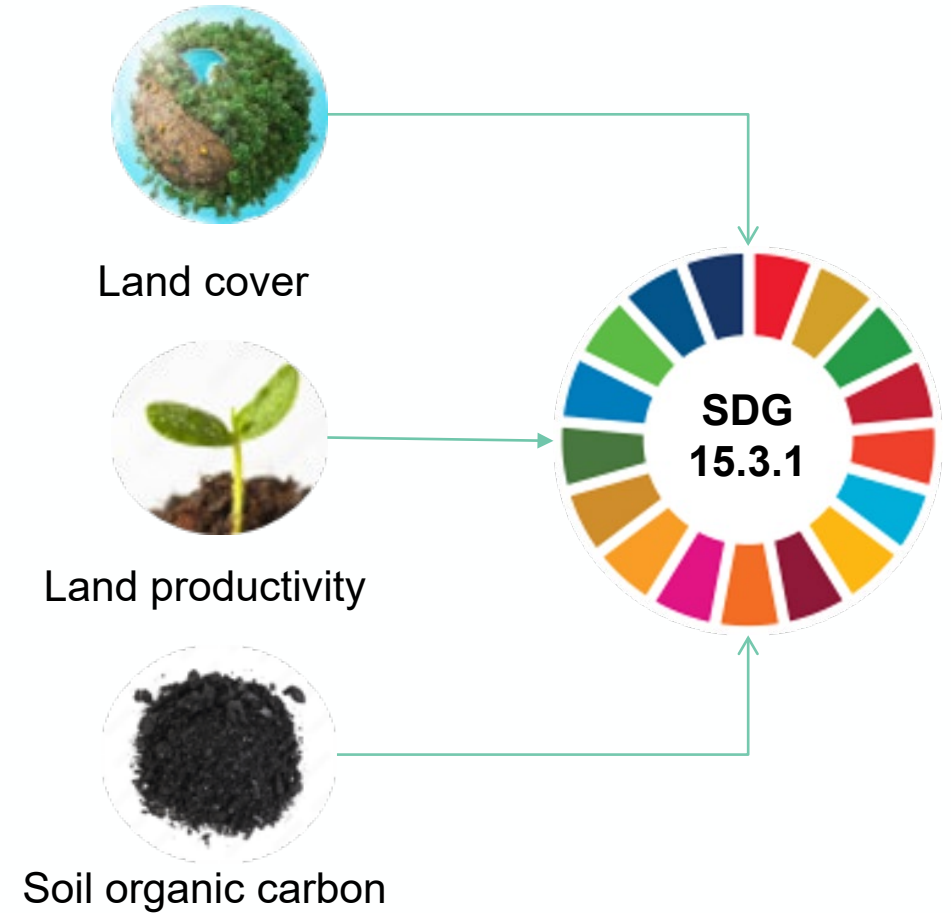
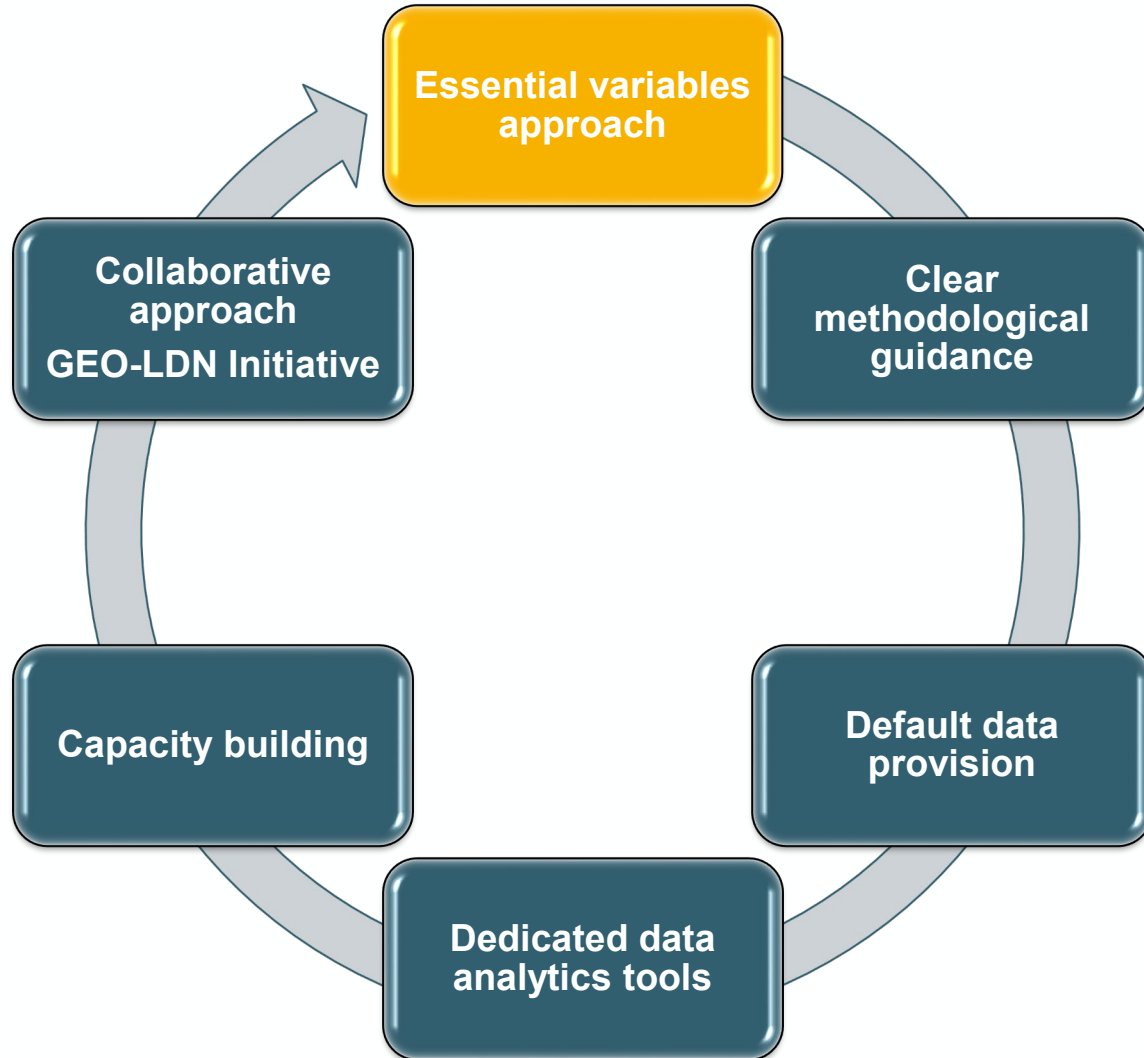


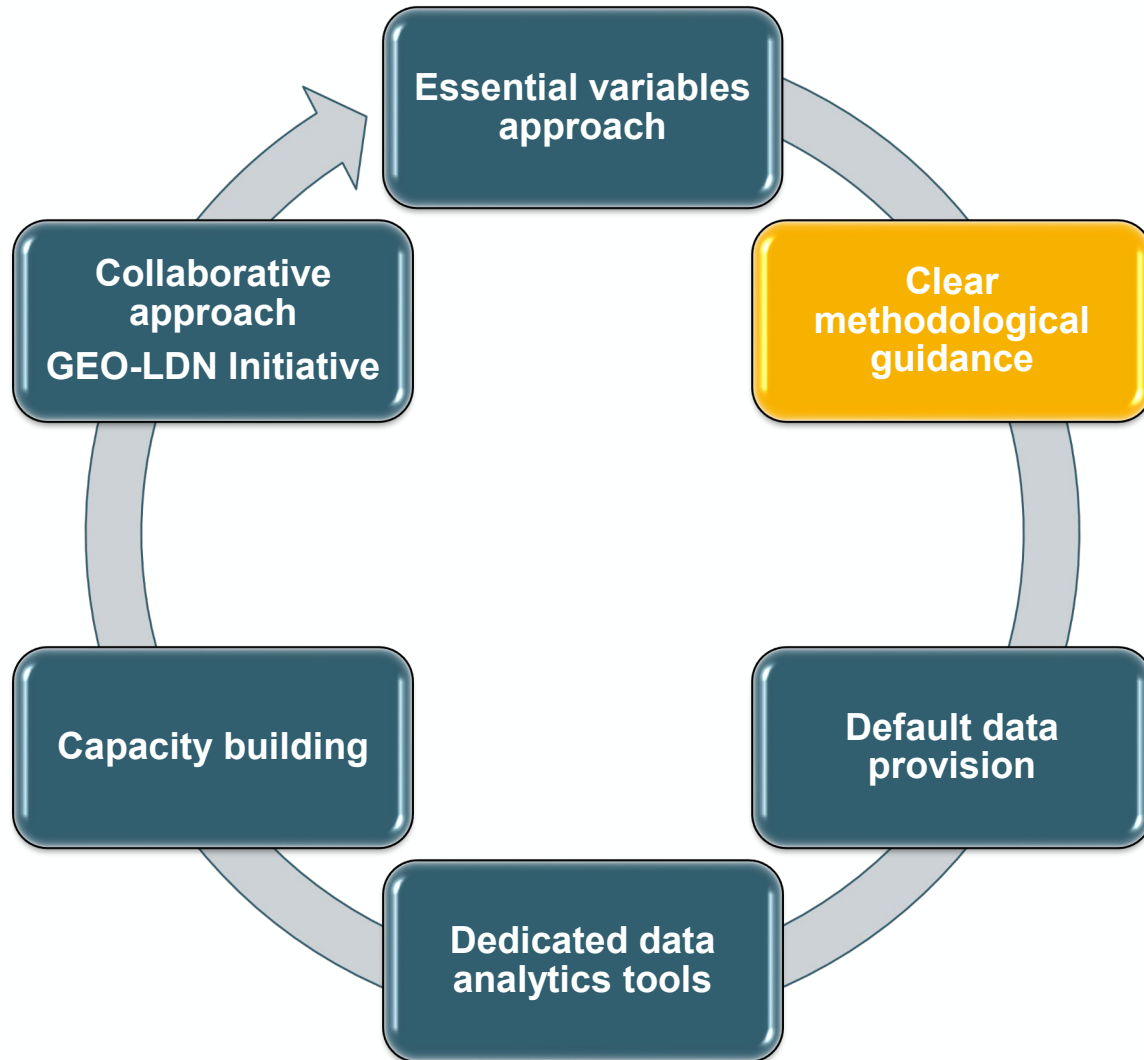
Percent degraded land by country

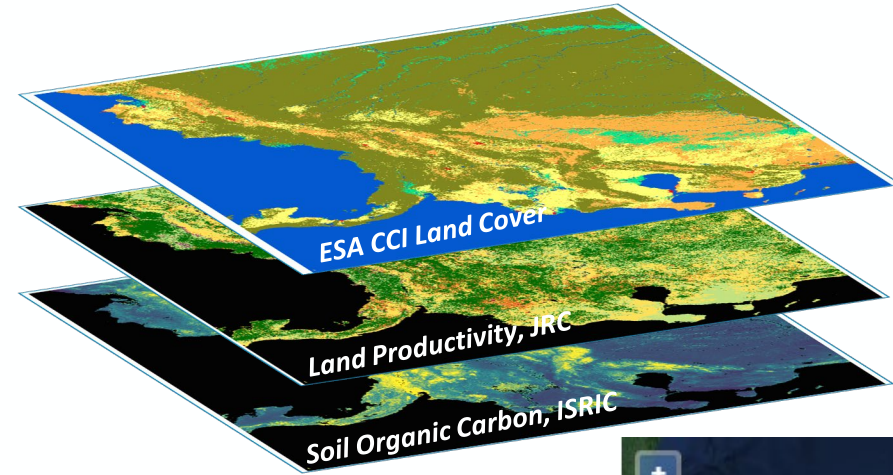
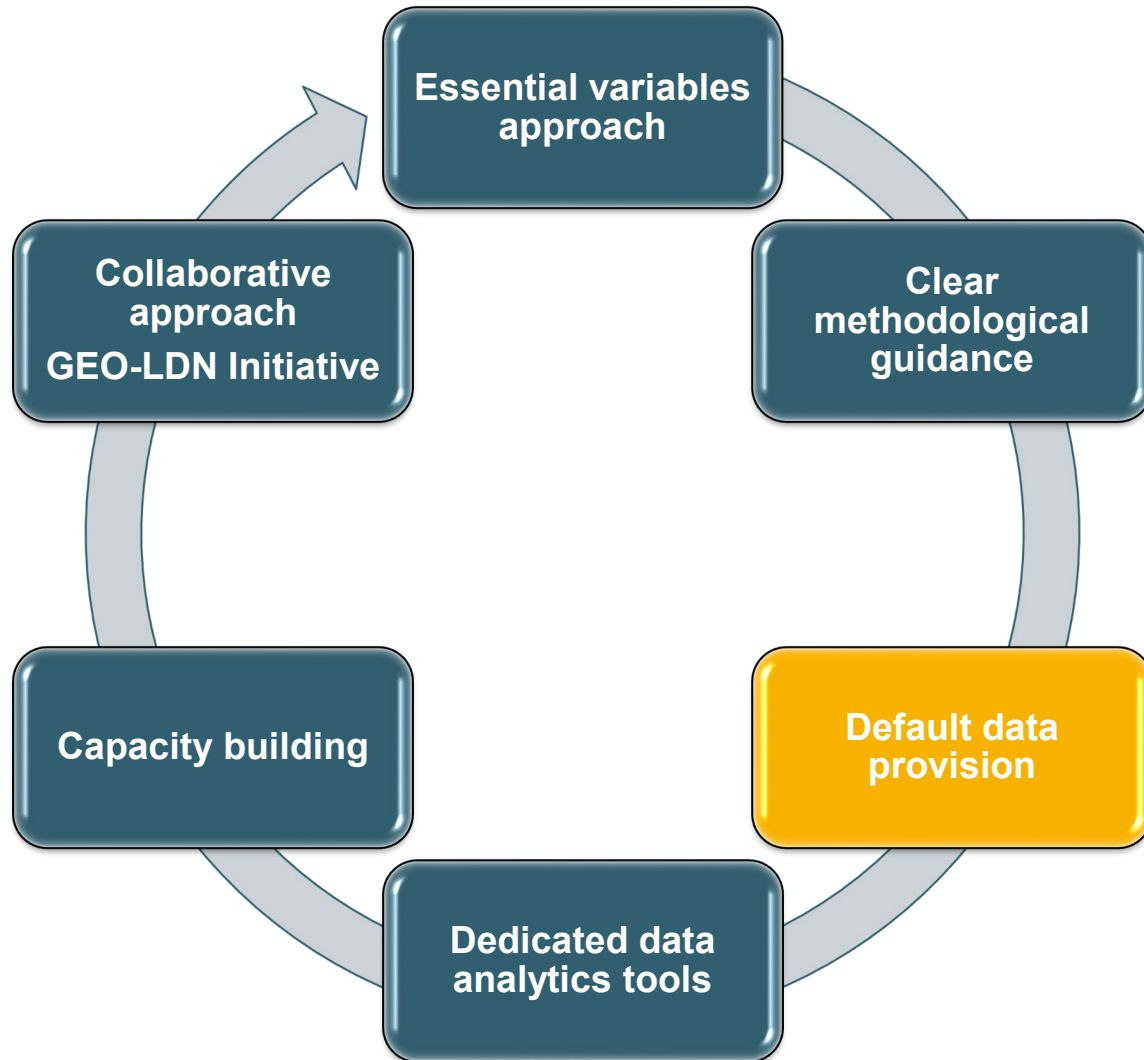


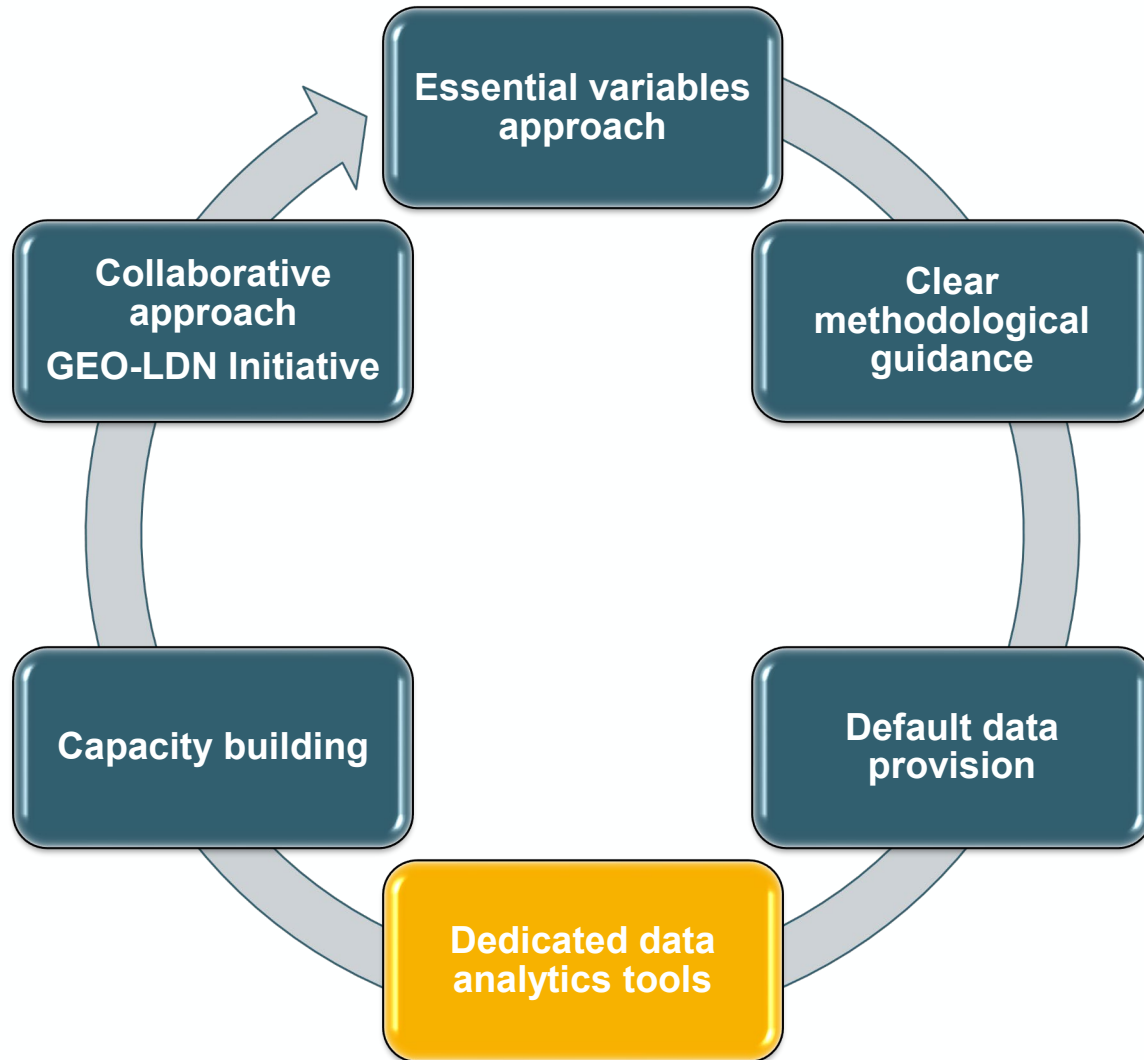
Disclaimer: The depiction of national boundaries shown on this above map is not intended to be seen from our data if necessary imply official endorsement or acceptance by the United Nations Convention to Combat Desertification.



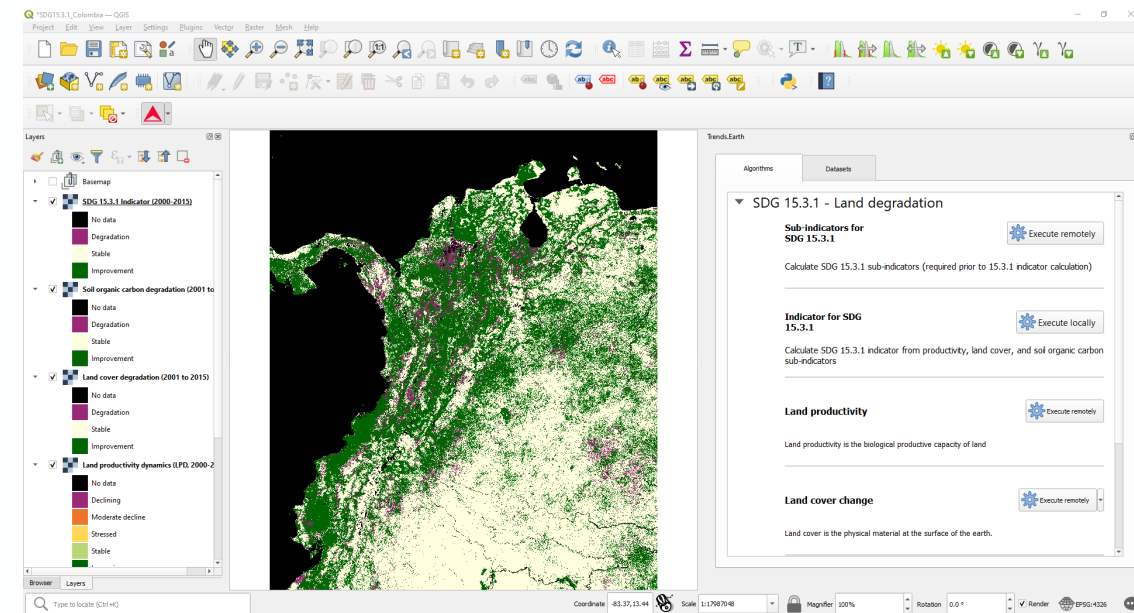


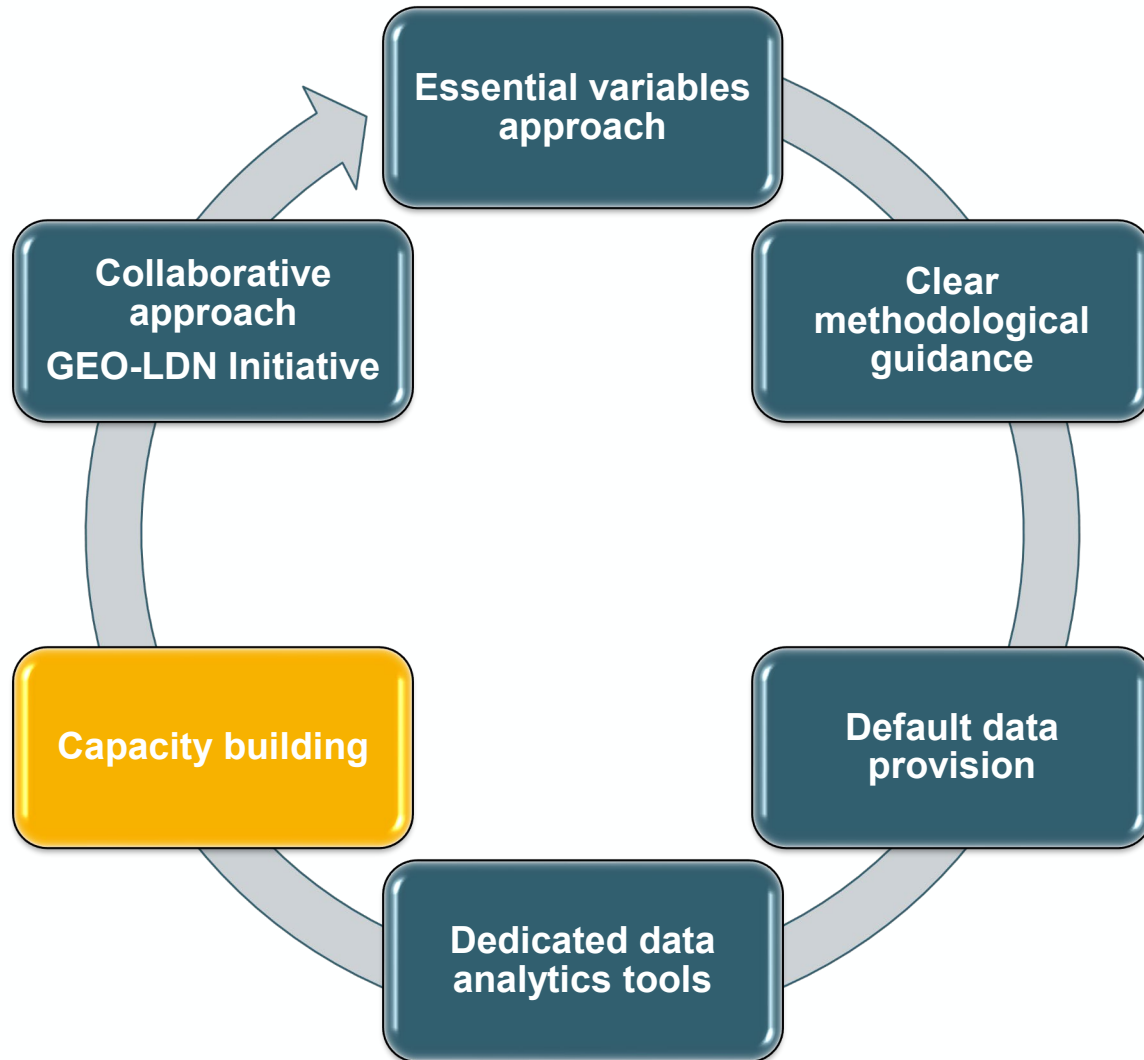






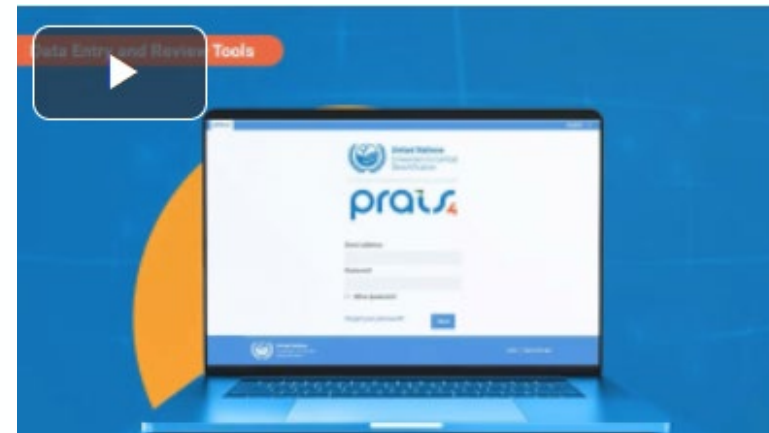
TRENDS.EARTH



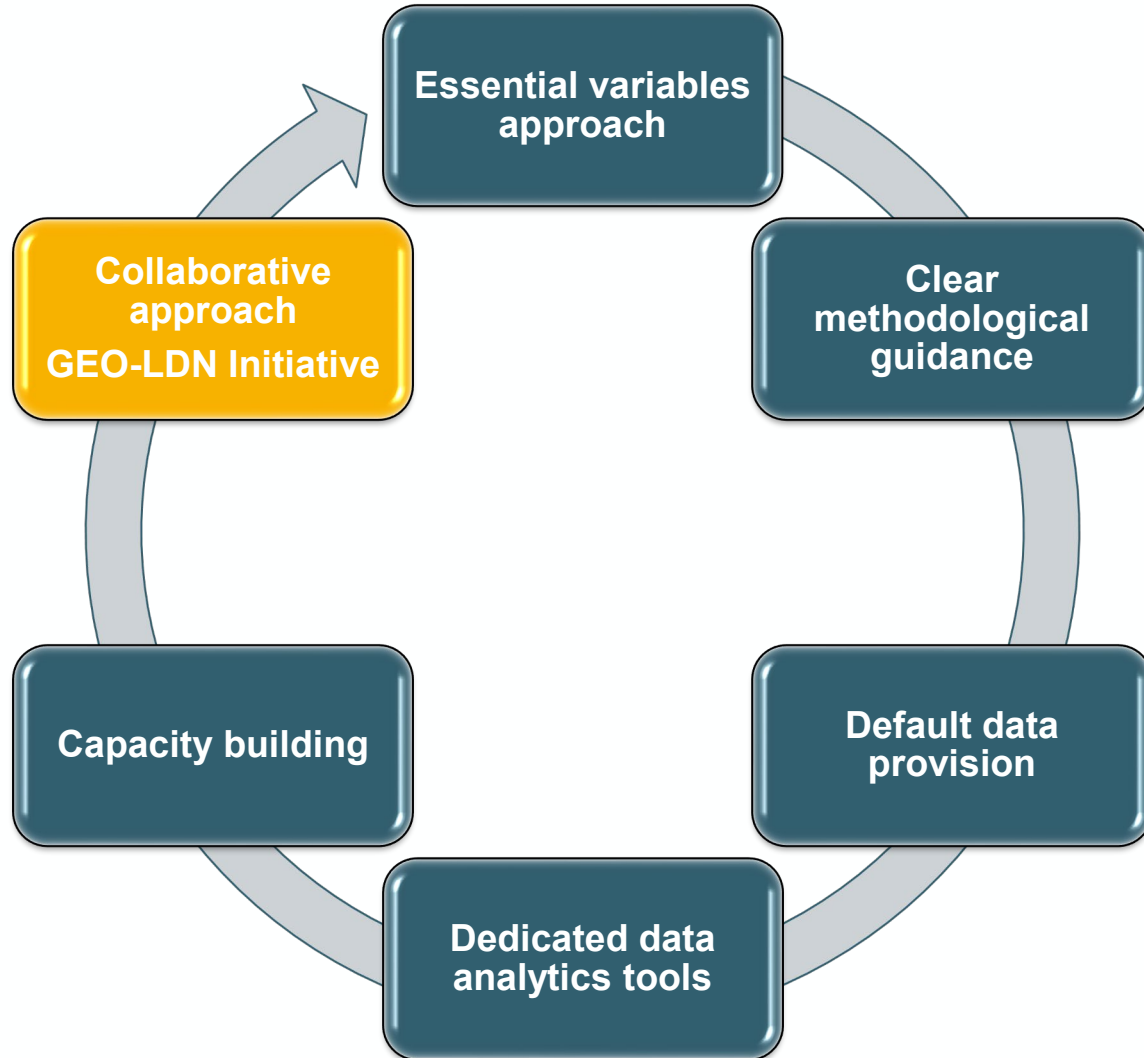


Five regional capacity building workshops held in 2018:

- Antalya, Turkey
- Addis Ababa, Ethiopia
- Fortaleza, Brazil
- Delhi, India
- Cairo, Egypt



E-learning tutorials



LAND DEGRADATION NEUTRALITY INITIATIVE





Need provide technical training and technology transfer to help countries using EO data

Different data products lead to different estimates

Support countries in using sub-indicator datasets that best represent national conditions

New high spatial resolution products do not fulfil reporting requirements in terms of time series length (from 2000)

Further work is required to improve the spatial data available for the range of carbon pools

THANK YOU!



United Nations
Convention to Combat
Desertification

United for land