



At COP16, GEO-LDN is hosting a **rotating exhibition** and presentations at the **GEO & GEO-LDN Pavilion**, offering insights into how country teams – Mongolia, Georgia, Senegal, The Democratic Republic of Congo, Ghana, Kenya, Colombia, Benin, Nigeria and Peru – are integrating geospatial tools to achieve their Land Degradation Neutrality targets.



The **GEO-LDN flagship** is a **stakeholder-driven initiative** that was launched in 2018 during the Group on Earth Observations Week in Kyoto, Japan, responding to a request by the UNCCD's Conference of the Parties (COP13).

It brings together **Earth observation data** providers and governments to develop minimum data quality standards, analytical tools and capacity building needed to strengthen land degradation monitoring and reporting, using remote sensing and data collected on site.

Visit us at the **GEO & GEO-LDN Pavilion in the Green Zone** (next to the Science Oasis) and visit our website:

The GEO-LDN Toolbox

The LDN Toolbox is an interactive way for anyone to find the best tools and geospatial technology to support the different processes to achieve LDN. Here are some of the tools available:

Trends.Earth, Quantum Geographic Information System (**QGIS**), **Digital Earth Africa**, World Overview of Conservation Approaches and Technologies (**WOCAT**) LADA, **KoBoToolbox**, **LandPKS**, **LUP4LDN** and more.



www.geo-ldn.org



How Geospatial data is combatting Coastal Erosion:

Ghana's 550-kilometer coastline plays a vital role in supporting livelihoods and ecosystems. However, coastal erosion and flooding have affected 367-km of the shoreline, posing challenges for local communities and infrastructure, particularly in areas like the Keta Lagoon.

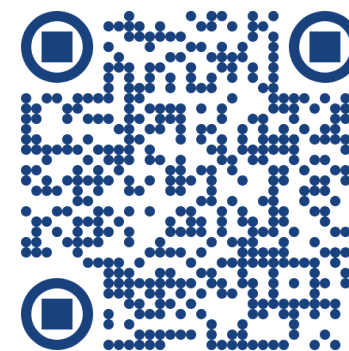
To combat this, **Team Ghana Coastal Erosion** has collaborated with the **GEO-LDN Flagship** to maximize geospatial tools. The team has established an **Integrated Shoreline Position Monitoring System**, which uses Earth observation, drone technology, and bathymetric surveys to track shoreline changes and pinpoint risk areas. This system has identified degraded land suitable for mangroves reforestation and installation of groynes.

The GEO-LDN Flagship has facilitated access to advanced geospatial data, such as Digital Earth Africa, to strengthen Ghana's risk analysis and sustainable coastal management frameworks. This collaboration ensures that Ghana remains on track to achieve Land Degradation Neutrality, safeguarding both people and nature.

Are you interested to learn more about the work of our partner countries? Search for **#HowToLDN** on LinkedIn or visit our website.



Want to know more about the Flagship and our 4 Working Groups? Find us at the GEO-LDN Pavilion or check out our events:



More information: www.geo-ldn.org