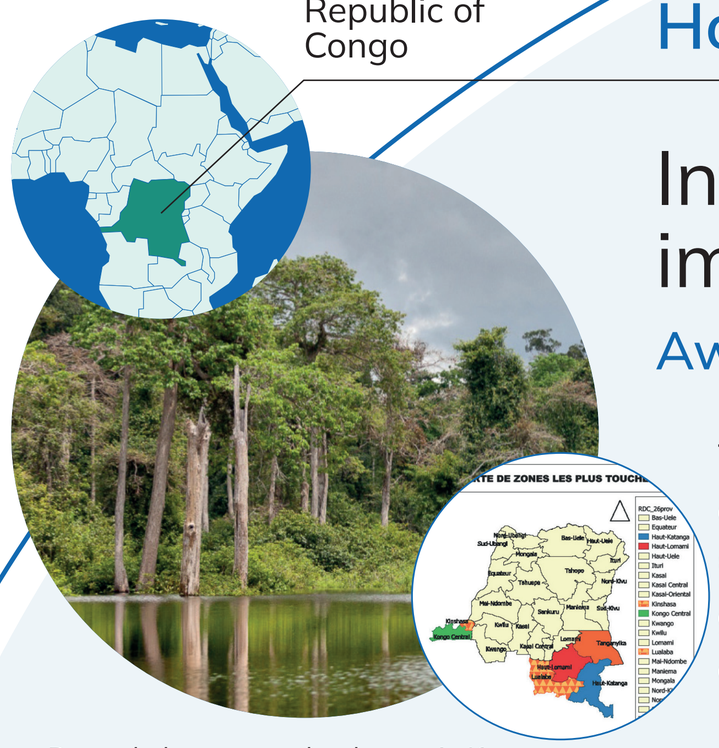
Land Degradation Neutrality

More information: www.geo-ldn.org

Democratic Republic of Congo



Degraded mangrove landscape in Kongo Central and a map of areas most affected

HowToLDN: Success stories from 10 countries

Integration of land use planning into the implementation of LDN

Awareness-raising, mapping, and analysis of LDN data.

The loss of agricultural productivity, soil erosion, and lack of data represent the main challenges. Communities that relied on agriculture were using the land unsustainably. Our approach enables the mapping and analysis of land degradation to identify degraded areas and measure the impact on the health of local communities. These communities have adopted the good practices they learned.

→ LDN Approach

We raised awareness among local communities about best practices; we mapped, analyzed data, and produced statistics on LDN indicators in the targeted area. We also applied a technique called Rapkit to combat soil erosion. These achievements directly benefited the local communities, helping them to prevent land degradation.

→ SUPPORT

GEO LDN supported us by contributing to the capacity building of the country's experts. GEO LDN also facilitated exchanges and the sharing of experiences with colleagues from other countries.

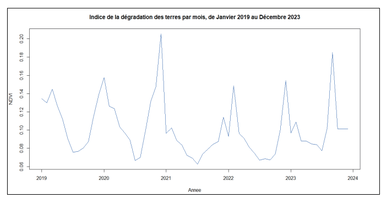


Diagram: Prediction on the land degradation index of the city of Lubumbashi.

Photos: Awareness-raising among local communities, DRC team at GEO LDN capacity-building workshops in Cape Town (2023) and in Kinshasa (2024)

→ Combating and reducing soil erosion

The inhabitants of the Mont Ngafula commune in the city of Kinshasa have often been victims of land erosion during the rainy season. The GEO LDN project changed their lives by helping them combat and reduce this erosion using the **Rapkit technique**.

TOOLS USED:
Plateforme ArcGIS 10.7.1, Digital Earth, Trend Earth, Google Maps.

"Since we have been victims of land erosion in this neighborhood, this is the first time we have seen a team come to our aid," *said a woman met on the ground.*

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All pictures: © GEO LDN/RDC team

List of abbreviations: **DRC** – Democratic Republic of Congo, **GEO – LDN** – Group on Earth Observations – Land Degradation Neutrality

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