



41%

of headline indicators have methodology encouraging the use of spatial data

34%

of component indicators have methodology encouraging the use of spatial data

Spatial planning is essential to the GBF



Target 1 – calls Parties to "plan and manage all areas to reduce biodiversity loss".

"Ensure that all areas are under participatory, integrated, and biodiversity inclusive spatial planning and/or effective management processes addressing land and sea use change, to bring the loss of areas of high biodiversity importance, including ecosystems of high ecological integrity, close to zero by 2030, while respecting the rights of indigenous peoples and local communities." 1

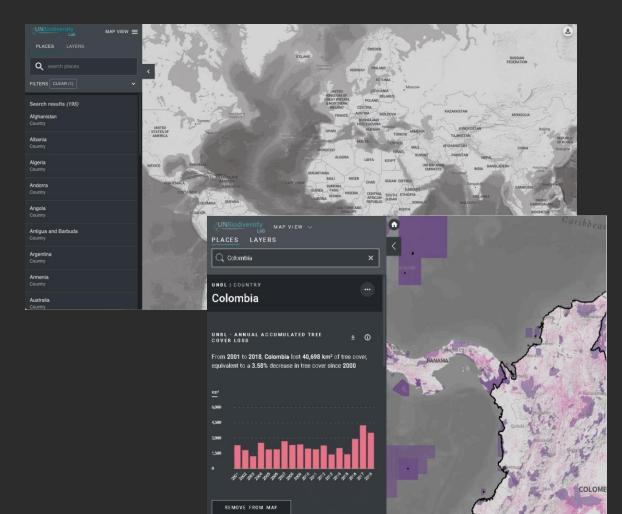


1- https://www.cbd.int/gbf/targets/1

UNBL | SPATIAL DATA FOR INFORMED DECISION MAKING

- A free open-source platform
- Access to high-quality spatial data & analytic tools
- Facilitates the use of the best available spatial data for planning, implementing, monitoring, and reporting for the Kunming-Montreal Global Biodiversity Framework (KM GBF)
- Does NOT require GIS expertise
- Available in 5 languages EN | FR | PT | RU | SP
- Created in partnership by CBD, UNDP, UNEP, UNEP-WCMC

https://www.unbiodiversitylab.org/es/



HOW IS UNBL BEING USED?

EXPLORE / VISUALIZE

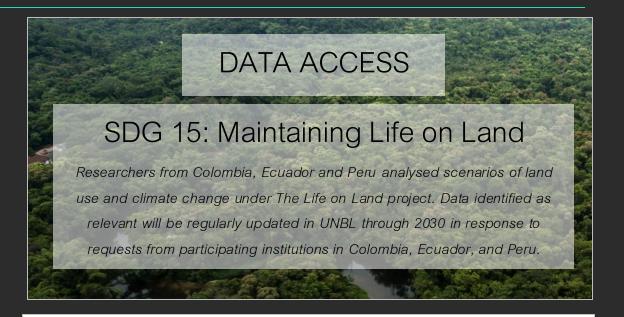
Nashulai Maasai Conservancy

We are extremely grateful for the new map of Nashulai Maasai Conservancy—and for opening our eyes to the ways spatial analysis, combined with our traditional knowledge systems, can be applied to support critical decisions for sustainability in our ancestral lands.



Costa Rica - The ELSA methodology was impactful in supporting policies that get to the heart of our biodiversity and environmental challenges. These maps present us with three simple solutions: Protect, Restore, Manage. These maps can guide us to take action on nature for climate, on nature for life.

Kazakhstan - The ELSA methodology helped identify locations most amenable to planting drought-tolerant crop varieties, developing solar and wind technologies for irrigation and planning for protected areas commitments.





UNBL has contributed to maps in scientific publications and was praised for easiness and intuitiveness to use

UNBL | KEY FEATURES



1. Access spatial data via the UNBL Data Collections



2. Create maps to visualize data and support national reports



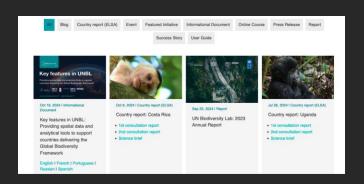
3. Create a UNBL workspace to work collaboratively and support national monitoring systems



4. Display spatial headline indicators and other pre-calculated metrics



5. Develop spatial prioritization maps with the Integrated Spatial Planning Tool (Venter et al. bioRxiv 2024)



6. Find available tailored resources e.g. brochures, reports, *your* success stories

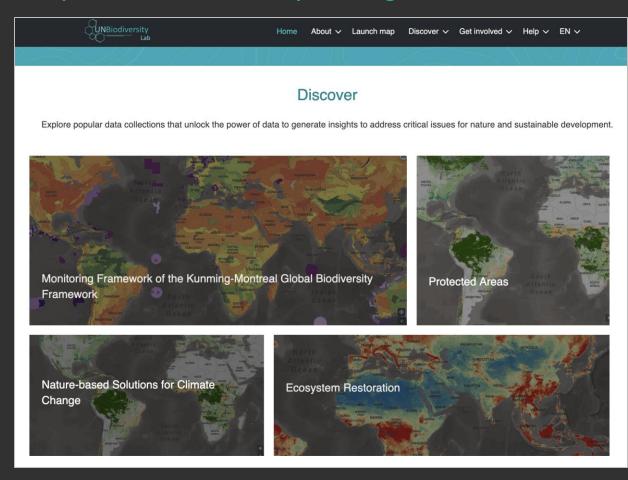
UNBL DATA COLLECTIONS

- Protected areas
- Nature-based solutions for climate change
- Ecosystem restoration

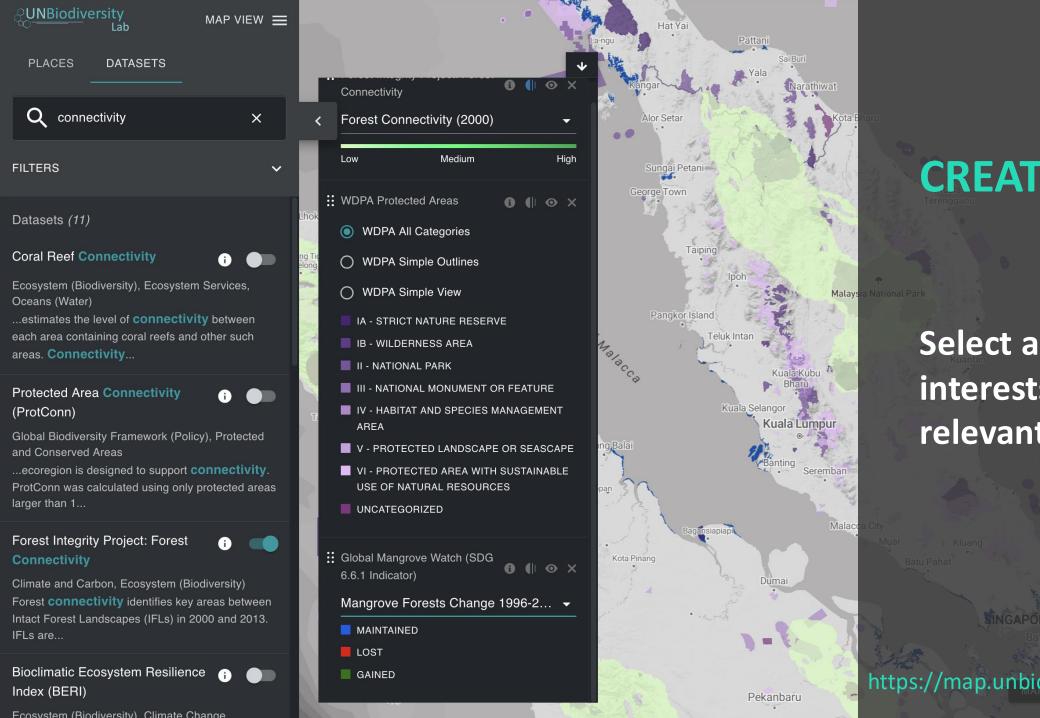
MOST RECENT COLLECTION:

 The Kunming-Montreal Global Biodiversity Framework

https://unbiodiversitylab.org/es/#collections



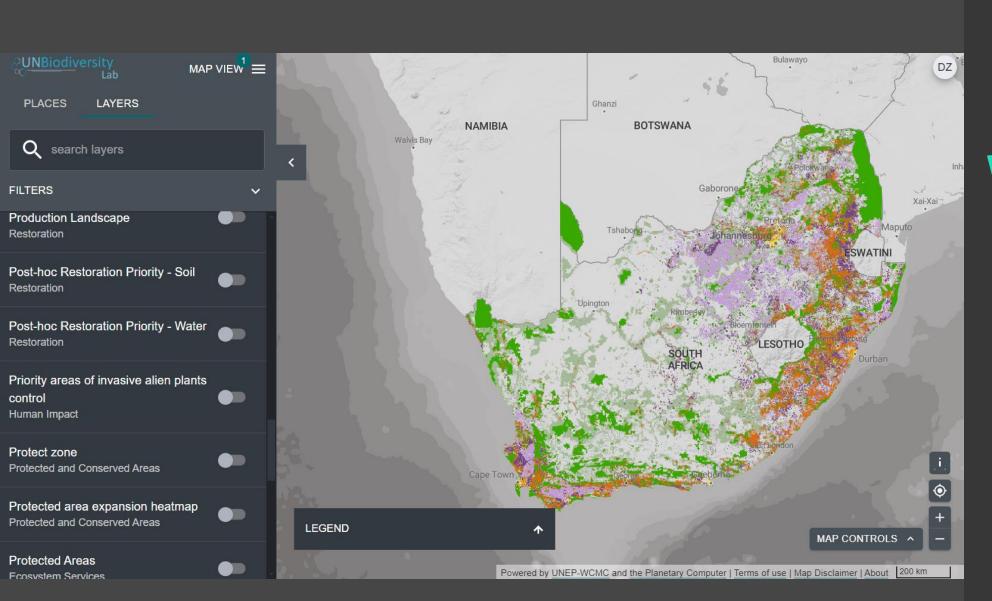




CREATE MAPS

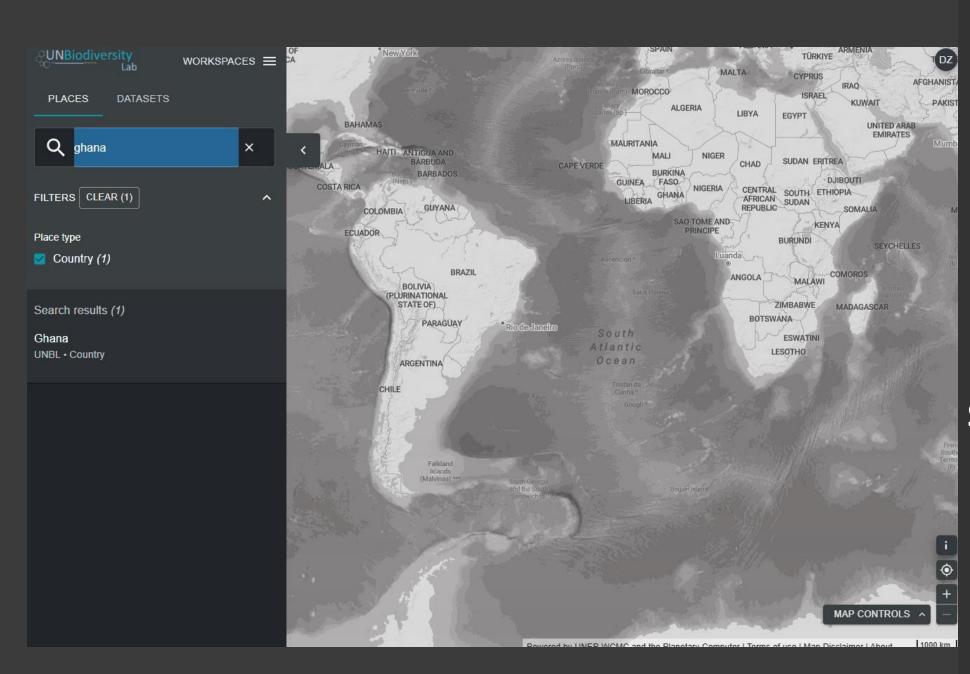
Select an area of interests & relevant layers

https://map.unbiodiversitylab.org/earth/



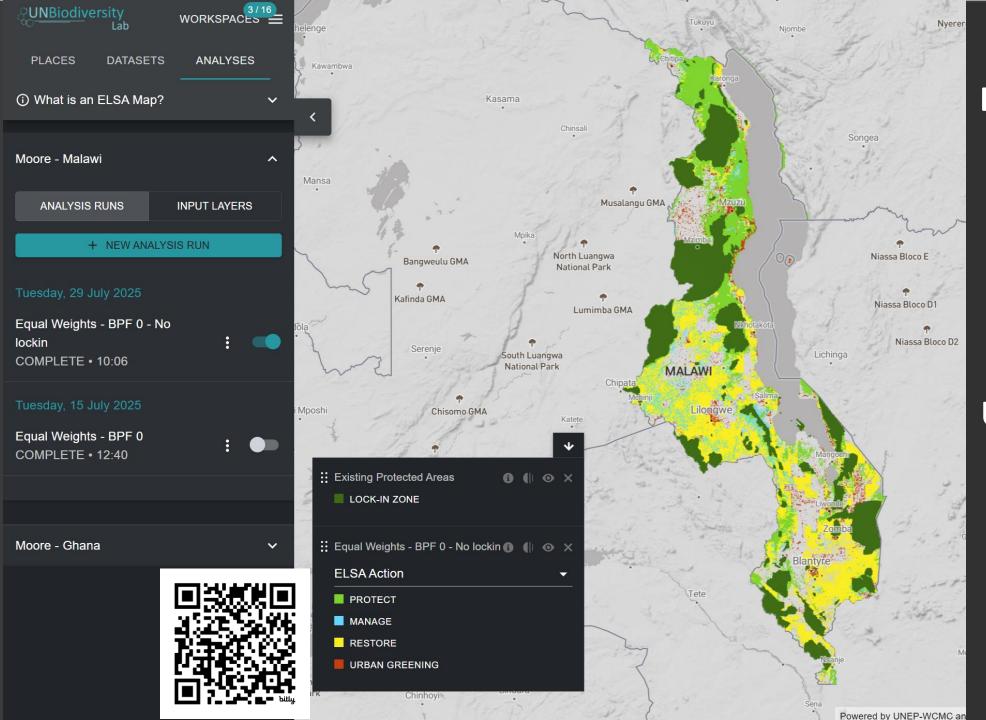
UNBL WORKSPACES

Enabling users to upload national data and work collaboratively



DISPLAY SPATIAL METRICS

Select a country of interest



ELSA INTEGRATED SPATIAL PLANNING TOOL

Available to any user within the UNBL workspaces to create Spatial Prioritization Maps

RESOURCES COLLECTION

- Share your story
- Relevant infographics and pictures
- Maps and links to data
- Create a story map

https://unbiodiversitylab.org/en/moldovaincreases-protected-areas-in-the-emeraldnetwork-2/

https://unbiodiversitylab.org/en/resources

