



Using the UN Biodiversity Lab to Monitor the Pulse of the Planet

April 14, 21, 27, 28, & May 4, 2022

09:00-10:30 EST (UTC-5)

This training will focus on using remote sensing and geospatial data within the NASA-supported UN Biodiversity Lab (UNBL) to take action on national conservation and sustainable development priorities. With over 400 of the world's best global data layers on biodiversity, ecosystem services, and sustainable development, UNBL enables decision-makers and policymakers to access essential global data, upload national datasets, and calculate dynamic indicators for any area of interest - all without any background in remote sensing and GIS. Fully redesigned in 2021 to improve functionality and better meet user needs, UNBL will be a key offering to support parties and other stakeholders to implement, monitor, and report on the CBD's Post-2020 Global Biodiversity Framework (GBF).

Part 1: Using UN Biodiversity Lab to Support Country-Led Action on Biodiversity and Sustainable Development

- NASA satellites and sensors
- Introduction to the global policy framework for conservation and sustainable development
- Introduction to UNBL mission and basic functionalities
- Dynamic use cases showing how countries are using UN Biodiversity Lab to support national priorities

Part 2: Technical Training: Exploring the UN Biodiversity Lab Public Platform

- Global data on biodiversity, climate change, and sustainable development available on UNBL
- UNBL data collections
- UNBL public platform functionalities: search and visualize data, calculate dynamic metrics, create maps, download data

Part 3: Technical Training: Exploring UN Biodiversity Lab Secure Workspaces & Future Developments

- UNBL Secure Workspace Functionalities: Add users and assign privileges, upload places, upload and style data layers, calculate dynamic metrics for your area of interest
- Forthcoming UNBL functionalities, including a proof of concept tool to identify Essential Life Support Areas (ELSAs) for any country in the world



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UN Biodiversity Lab Advanced Training 1 (Advanced Lab): Mastering the UNBL Public Platform

- Deep dive on UNBL public platform functionalities: search and visualize data, calculate dynamic metrics, create maps, download data.
- Demonstrate ability to independently use all functionalities of UNBL public platform.

UN Biodiversity Lab Advanced Training 2 (Advanced Lab): Mastering UNBL Secure Workspaces

- Deep dive on UNBL secure workspace functionalities: add users and assign privileges, upload places, upload and style data layers, calculate dynamic metrics for your area of interest.
- Demonstrate ability to independently use all functionalities of UNBL secure workspaces.



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