



# Earth Observations in Support of Monitoring Land Degradation and Sustainable Cities SDGs

04 Sep 2021

13:30 - 15:30 CEST (UTC+2)

Virtual Channel 5

The Sustainable Development Goals (SDGs) are an urgent call for action by countries to preserve our oceans and forests, reduce inequality, and spur economic growth. Land management SDGs call for consistent tracking of land cover metrics. These metrics include productivity, land cover, soil carbon, urban expansion, and more. This campus will demonstrate the use of Earth Observations to assist in achieving SDGs 11 and 15 and indicators related to sustainable urbanization and land use and cover change.

In this campus, attendees will learn to use a freely-available QGIS plugin, Trends.Earth, created by Conservation International and co-developed with United Nations Convention to Combat Desertification (UNCCD), and UN Habitat, custodian agencies of SDG 15.3.1 and 11.3.1 respectively, in support of country reporting needs. The result will be a greater understanding of the data tools that exist, their utility, and how it fits into the overarching IUCN policies and programmes.



## Agenda



ARSET empowers the global community through remote sensing training.

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## Objectives

By the end of this training, attendees will:

- Become familiar with SDG Indicators 15.3.1 and 11.3.1
- Understand the basics on how to compute sub indicators of SDG 15.3.1 such as: productivity, land cover, and soil carbon
- Understand how to use the Trends.Earth Urban Mapper web interface
- Learn the basics of the Trends.Earth toolkit

## Audience

This capus will be appropriate for local, regional, state, federal, and international organizations interested in generating data used for SDG reporting with satellite imagery.

## Background Materials

*Please review before attending*

### Trends.Earth and SDG Indicator 15.3.1

- [Video](#)
- [Webpage](#)

### Trends.Earth and SDG Indicator 11.3.1

- [Video](#)
- [Webpage](#)

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