



Applied Remote Sensing Training Program

Remote Sensing of Land Indicators for Sustainable Development Goal 15

Tuesday, June 20 - Thursday, June 22, 2017

1:00-2:00 p.m. and 10:00-11:00 p.m. EDT (UTC -4)

The United Nations Sustainable Development Goals (SDGs) are a series of 17 goals set to end global poverty and protect the planet, with the aim of achieving successes by 2030. The SDGs cover topics from global health, climate change, economic inequality, sustainability, poverty, and more. This training will focus on addressing SDG 15, whose focus is to “protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.”

In this webinar, participants will learn how to access and apply satellite data relevant to land indicators, such as estimating total forest area and forest change. The webinar will include an overview of the SDGs, as well as an introduction to image classification, change detection, and accuracy assessments.

Learn More:

<http://arset.gsfc.nasa.gov/land/webinars/sdg15>

Learning Objectives

At the end of this course, participants will be able to:

- Describe the UN Sustainable Development Goals, particularly Goal 15
- Acquire satellite observations of land cover used to assess SDG indicators 15.1.1 and 15.3.1
- Develop a basic understanding of image classification, change detection, and techniques for developing accuracy assessments

Course Participation

This course is intended for professionals engaged in environmental monitoring and management from local, state, federal, and international agencies, NGOs, and the private sector.

Learn More

For more information about this and other trainings, visit the ARSET website:

<http://arset.gsfc.nasa.gov/>