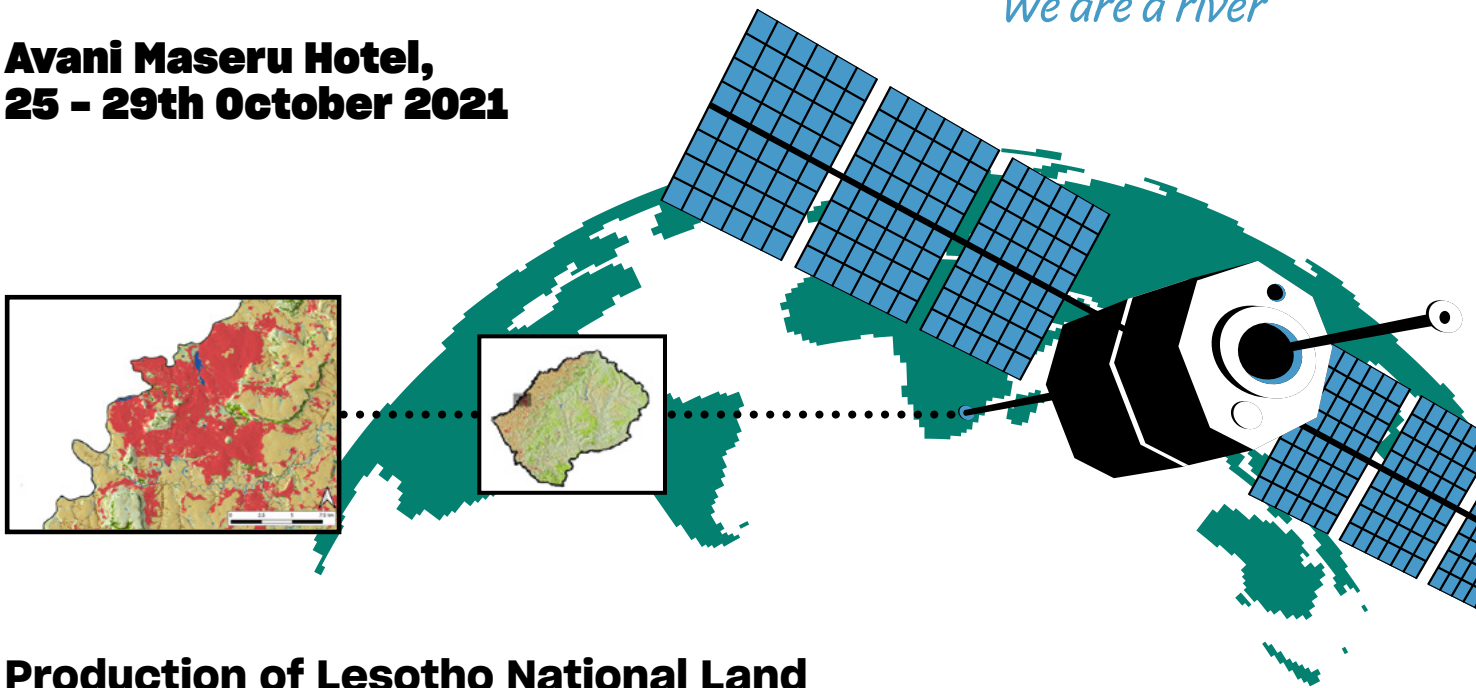


# EO-STAT Workshop



**Avani Maseru Hotel,  
25 - 29th October 2021**



## **Production of Lesotho National Land Cover annual maps and extraction of land cover statistics.**

The Government of Lesotho, through the ReNOKA movement, is organizing a Land Cover Mapping national workshop under the framework of the Integrated Catchment Management Programme. Land cover data is the foundation information to sustainable resources management and agricultural development. An accurate, high-resolution and up-to-date land cover product serves as the basis to model soil erosion, vegetation productivity (cropland and grassland), hydrological processes and carbon sequestration. The advent of freely accessible and multi-temporal Earth Observation (EO) data, namely the Sentinel satellites, unlock the potential of frequent and accurate land cover map production. This workshop aims to train participants in using a state-of-the-art land cover methodology developed by FAO and IT tools to produce yearly land cover maps. A few practical examples of how the produced land cover data can be used to support sustainable land management will also be demonstrated.

**To sign up for the training, please [follow this link](#)**

**The workshop will consist of 4 modules held over 5 days:**

**Module I:**

Land Cover Mapping Recap and Principles

**Module II:**

Field Survey Design for Reference Data Collection

**Module III:**

Land Cover Map Production with Google Earth Engine

**Module IV:**

Explore the Land Cover Product(s) and Extract Statistics

