

L04: Land cover classifications

Things we cover in this session

The next sessions focus on the supervised land-cover classification workflow. Based on digitizing training areas, we will compute one or more classifications and assess the accuracy using Cohen's Kappa.

Things you need for this session

[W03-1: Read remote sensing data](#)

[W03-2: Explore the Landsat data](#)

Things to take home from this session

At the end of this session you should be able to

- create training sites as basis for a land cover classification
- compute land-cover classifications using machine learning algorithms
- know basic strategies of data splitting and cross validation

Slides

[Slides - Land cover classifications](#)

From:

<https://www.geotraining.de/> - **Summer School: GeoTraining**

Permanent link:

<https://www.geotraining.de/doku.php?id=en:courses:training:element-01:lecture-notes:lc-ln-04>

Last update: **2025/07/25 17:29**

