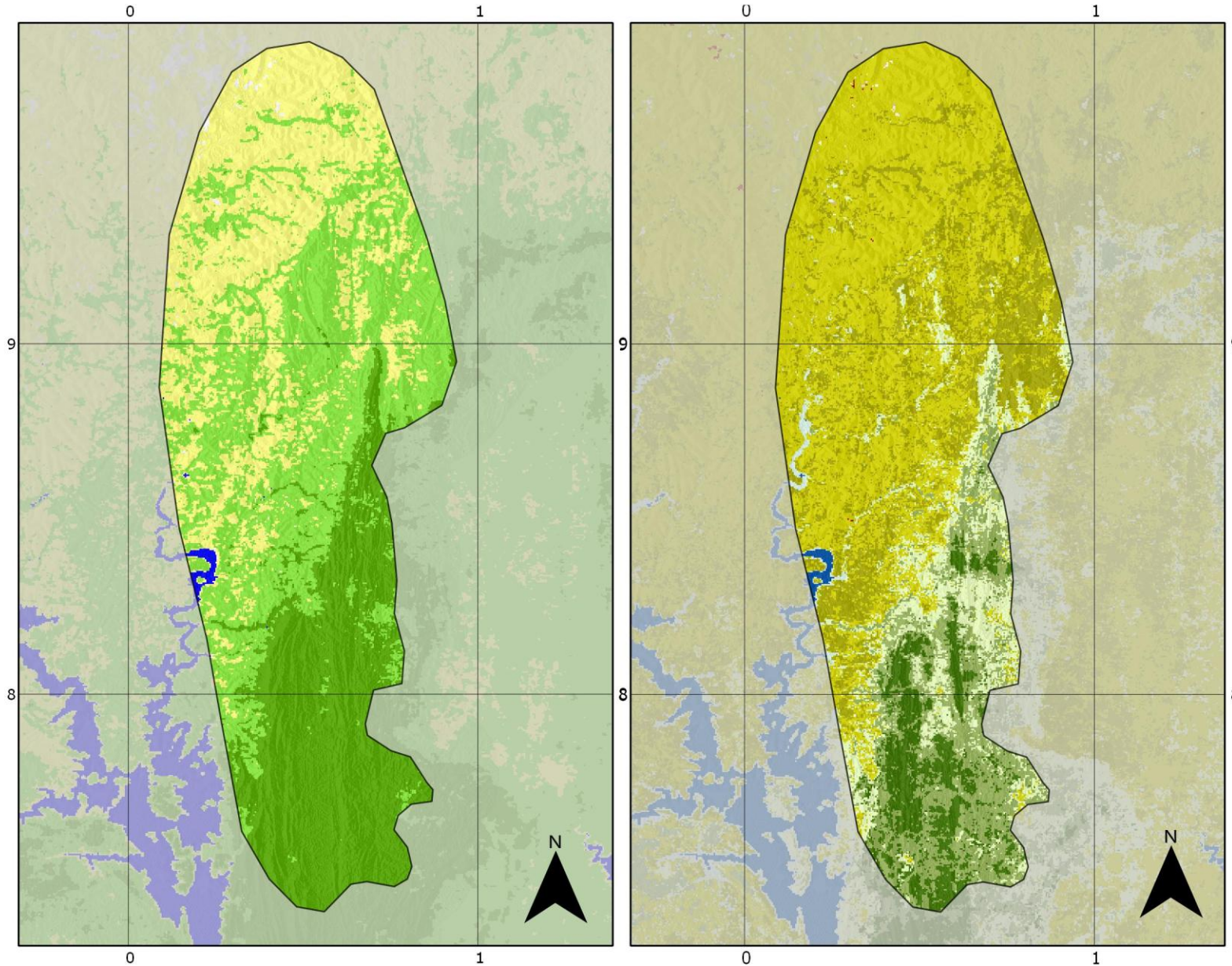


UNSUPERVISED CLASSIFICATION - VOLTA BASIN



Legend

Strata

- Water bodies
- Non-vegetated areas
- Cultivated and Managed areas
- Natural/semi-natural vegetation (not trees)
- Natural/semi-natural vegetation (trees)

Land cover classes

- Closed forest
- Open forest
- Woodland
- Closed shrubland
- Open shrubland
- Grassland
- Sparse vegetation
- Croplands
- Irrigation
- Urban
- Barren land
- Wetlands
- Water

Description

For unsupervised classification the area of interest is first stratified into general land cover categories using multi-temporal metrics such as annual mean and minimum NDVI (left). The strata are subsequently segmented into spectral classes using the k-means algorithm, and each cluster is then assigned a land cover type label by a skilled image analyst (right).

Cartographic references:
 Projection: GCS_WGS_1984
 Datum: WGS_1984



0 10 20 30 40 50 km

