

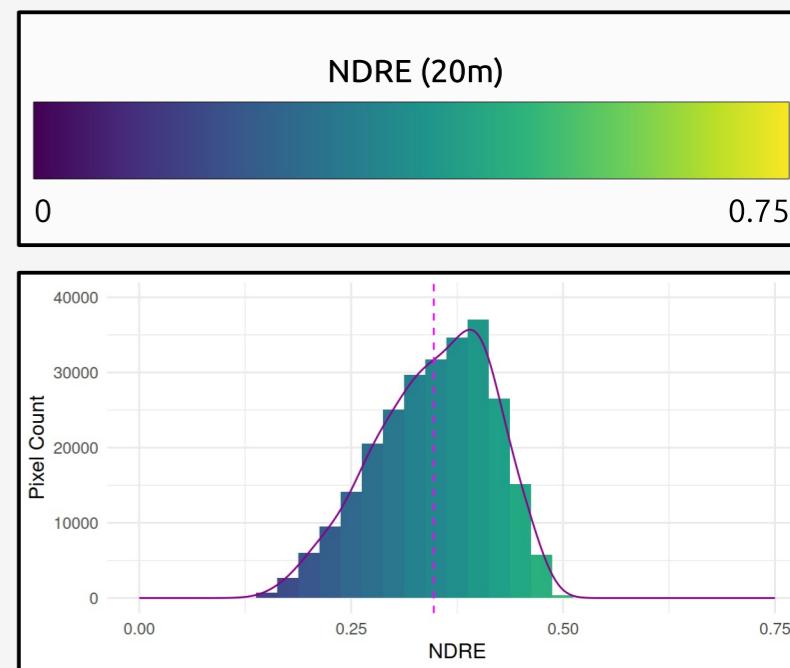
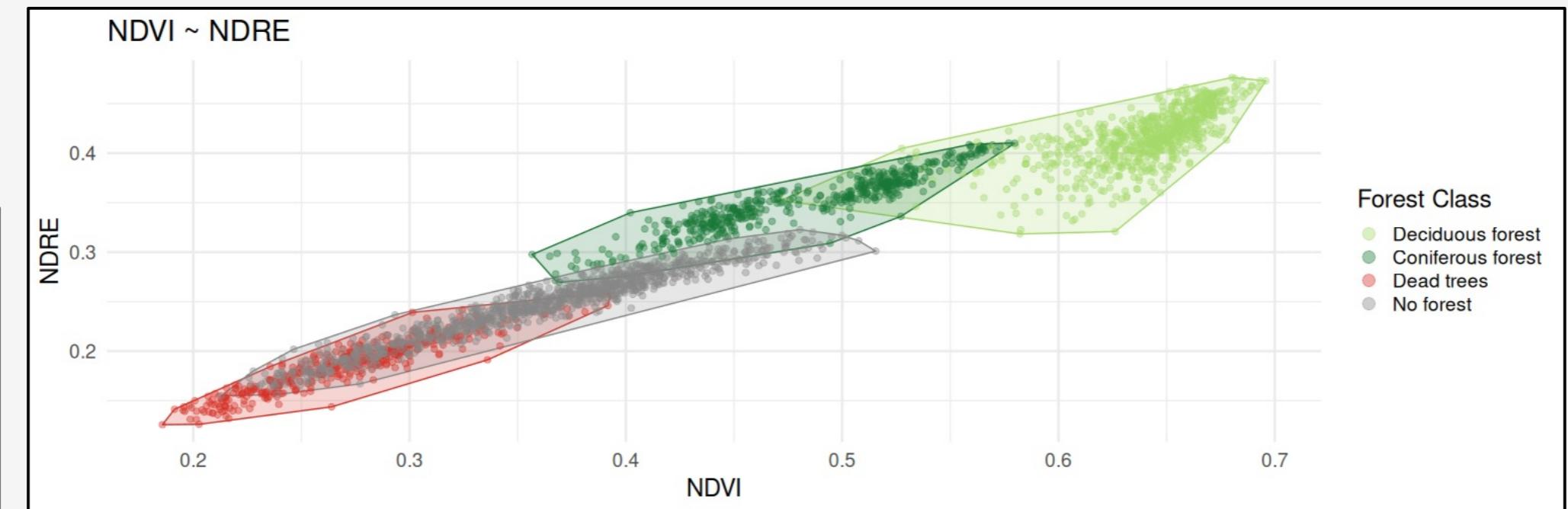
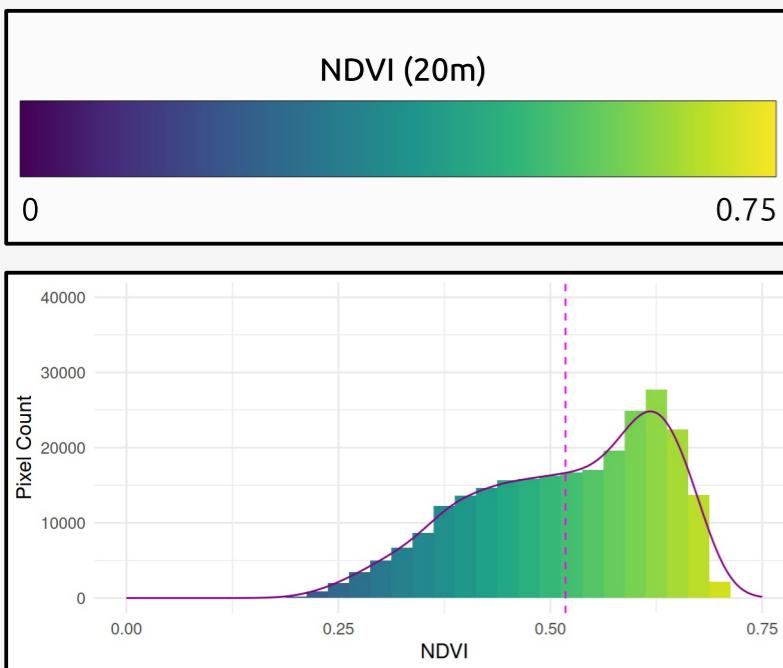
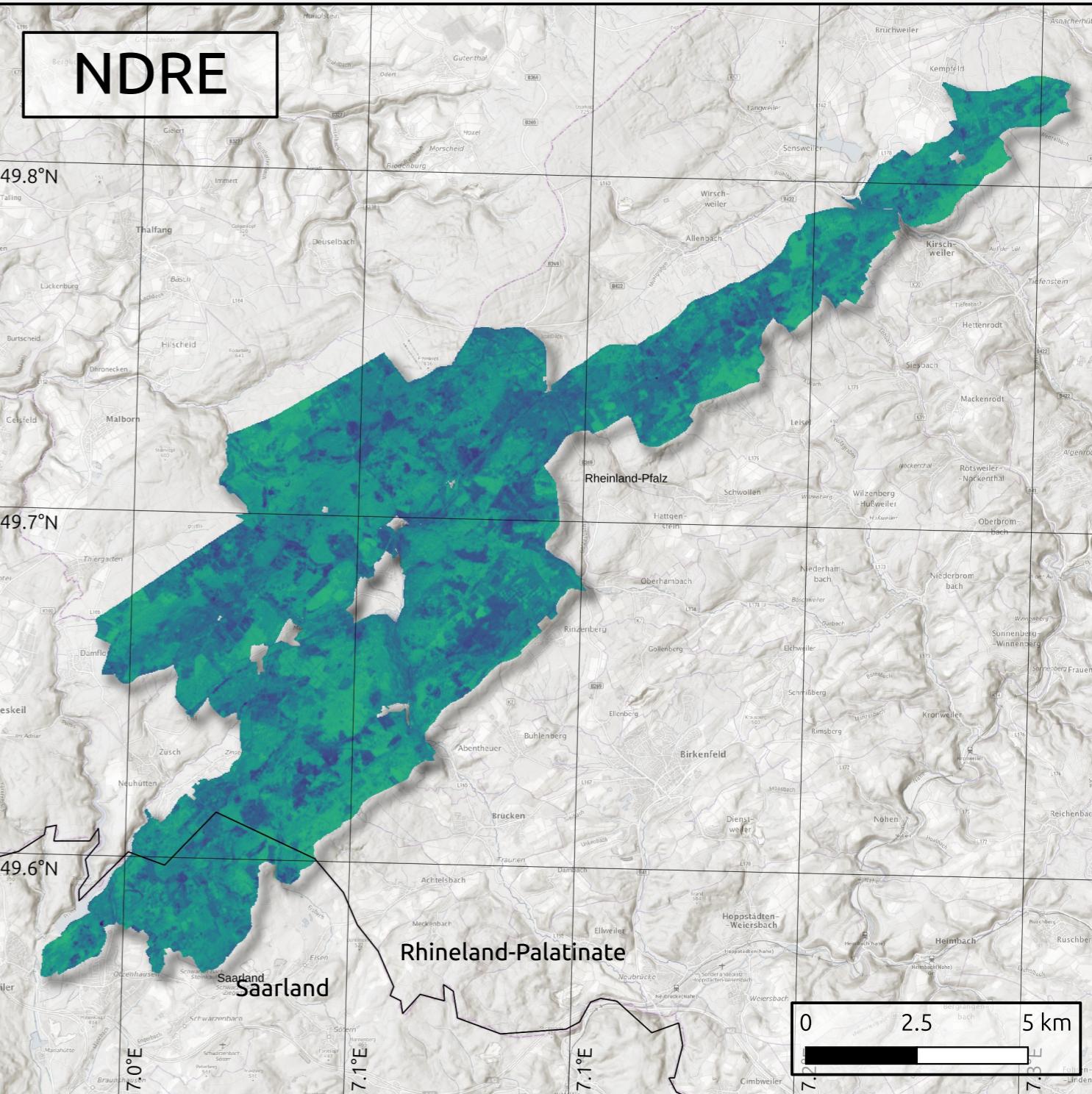
NDVI vs. NDRE – Forest Class Analysis
 This plot shows how different forest classes are distributed in NDVI-NDRE space.

Deciduous forests show high NDVI and relatively high NDRE values, reflecting broadleaf canopy structure and high chlorophyll activity.

Coniferous forests exhibit lower NDVI but only in parts lower NDRE values, consistent with needleleaf structure and denser evergreen cover.

Dead trees cluster around moderate NDVI and low NDRE, indicating vegetation stress and loss of photosynthetic activity.

No forest areas are clearly separated at low NDVI and NDRE, corresponding to bare ground or non-vegetated surfaces.


Sources:

- Data: European Space Agency (2025). Copernicus Data Space Ecosystem). https://dataspace.copernicus.eu/S2C_MSIL2A_20250501T104041_N0511_R008_T32ULA_20250501T161558.SAFE. [May 6, 2025].
- Data: University of California, Berkley. Global Administrative Areas Version 4.1 www.gadm.org (2025). [May 9, 2025].
- Basemap: © Esri. "World Hillshade" [basemap]. Scale Not Given. World Hillshade. [May 20, 2025]. Available at: <https://www.arcgis.com/home/item.html?id=1b243539f4514b6ba35e7d995890db1d>.
- Basemap: © Esri, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatistyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS User Community.
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CRS: ETRS89 UTM Zone 32 (EPSG:25832)

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