

# Impact of war on forest shelterbelts in Ukraine

## Master's degree project

Forest shelterbelts are essential to protect rich agricultural land in Ukraine from a wind erosion. As well, they provide other multiple ecosystem services. However, Russian aggression caused a severe damage to these important elements of an agroforestry landscape.

**You will dive into a case study for the area of Bakhmut, east of Ukraine. What remote sensing data is suitable to capture damage to shelterbelts? What ecosystem services loss can be quantified in a simple and clear manner?**

You will use satellite imagery and geospatial analysis in this project.

**Required:** basic GIS experience

**Desired:** basic remote sensing & R experience

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