

EU LIFE Programme project "Optimising the Governance and Management of the Natura 2000 Protected Areas Network in Latvia"

(LIFE19 IPE/LV/000010 LIFE-IP LatViaNature)

Planned activities in remote sensing for the monitoring of biodiversity in Latvia

Purpose: to organize feasibility study within LIFE Integrated Project LatViaNature for the development of software environment, along with raster analysis using remote sensing data, identifying new sites of potentially protected habitats or change detection in the existing ones, taking into consideration the locally specific conditions.



coastal meadows

Photo: Nature Conservation Agency of Latvia

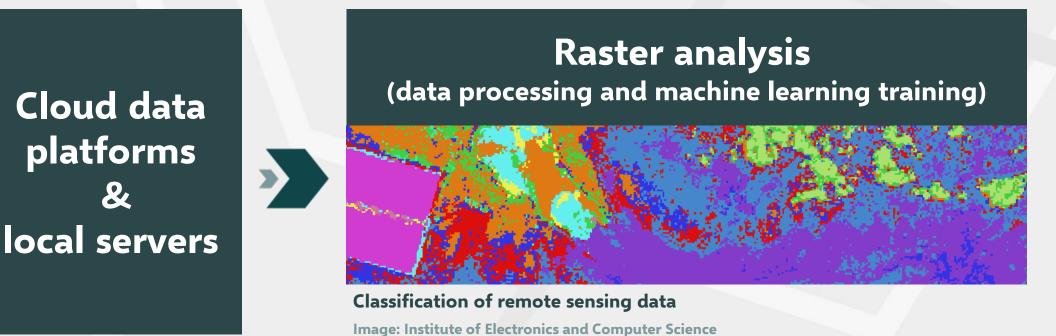






Image: https://apps.sentinel-hub.com/

The success of improving conditions by management activities of habitat 2180 Wooded dunes of the Atlantic, Continental *and Boreal region* shall be monitored. **Photo: Sandra Ikauniece**





Testing methods of change detection in

Overgrowing of habitat 1630* Boreal Baltic coastal meadows with reed stands is a significant problem at the Latvian coastline. Efficient methods for monitoring changes would highly help to take appropriate management actions. **Photo: Nature Conservation Agency of Latvia**

Testing methods for identification of new potentially protected habitats at pilot sites

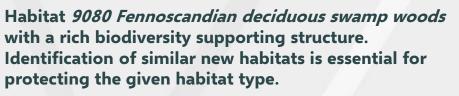


Photo: Sandra Ikauniece









Left:

Nature expert performing species monitoring. After verification, data will be stored in the Nature Data Management System «OZOLS».

Photo: Agnese Priede

A screenshot of the Nature Data Management System «OZOLS» web service where information on protected territories, species and habitats management and biodiversity monitoring is accumulated.

Image: https://www.daba.gov.lv/en/nature-data-management-system-ozols

The Project "Optimising the Governance and Management of the Natura 2000 Protected Areas Network in Latvia" (LIFE19 IPE/LV/000010 LIFE-IP LatViaNature) is implemented with the financial support of the LIFE Programme of the European Union and Latvian State Regional Development Agency;

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