



Working together for a **green** Europe



STATE ENVIRONMENTAL  
FUND OF THE  
CZECH REPUBLIC

## Vegetation health monitoring under ongoing climate change using remote sensing : **bilateral cooperation** of Faculty of Environmental Sciences CULS Prague and NORCE

Applicant: Faculty of Environmental Sciences CULS Prague

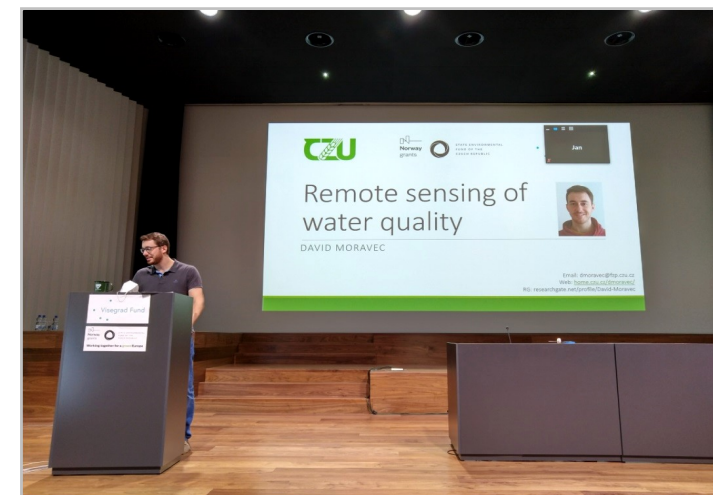
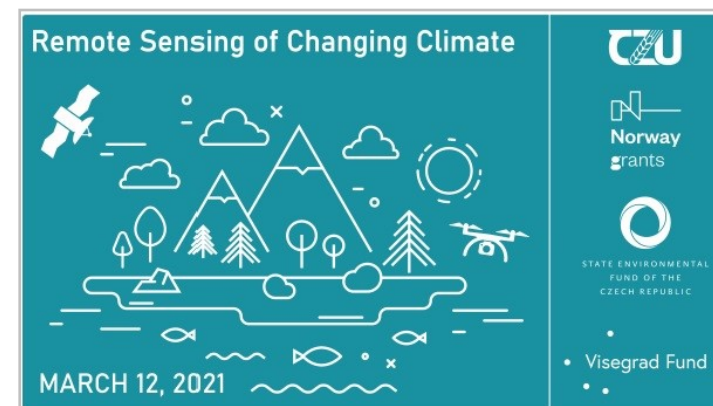
Partner organizations: NORCE Norwegian Research Centre AS

Grant Amount EUR (CZK): 12 458, 85 EUR (323 930 CZK)

The bilateral initiative focused on the issue of remote monitoring of vegetation in relation to ongoing climate change. As agricultural and forestry production is strongly affected by ongoing climate change, it is important to understand current trends and to monitor changes in natural vegetation and the managed environment on an ongoing basis. Due to the pandemic, the project's activities were limited and moved to the online environment, where The Remote Sensing of Changing Climate International Scientific Networking Seminar was held on March 12, 2021. The seminar was attended by 84 participants from 17 European and non-European countries. You can find out more about the seminar and the project on the [project website](#).

### How will the bilateral initiative continue?

*"We plan to cooperate with project partners in the future, we have found intersections in our scientific work. Common research interests were identified and possibilities of funding of common research were discussed. We plan to submit common project proposal to European project (Key Action 2 of Erasmus + Call)."*



### Where can you get more information?

⇒ [NORCE](#)

⇒ [Faculty of Environmental Sciences CULS Prague](#)

# Fieldwork Mai –Juli 2020



1. GPS tracks along the water line at several tidal stages.

2. Photos

3. UAV flights Hillesøy/Sommerøy

- høyest tidevann denne dagen
- Middle spring høyvann (MHWS)
- Middle høyvann (MHW)
- Middle nipp høyvann (MHWN)
- Middlevann (MSL)
- Middle nipp lavvann (MLWN)
- Middle lavvann (MLW)
- Middle spring lavvann (MLWS)
- Laveste vann

