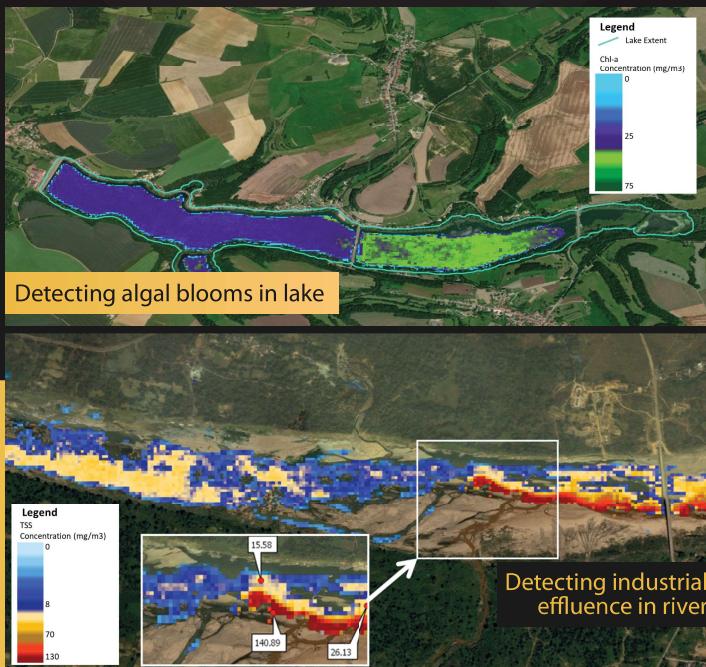


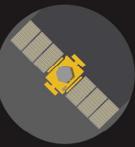


Water Management

using Satellite Technology

- + Catchment Management
- + Trophic Conditions Assessment
- + Pollution / Contamination Monitoring
 - + Site Selection for STPs, Check Dams, Ground Water Recharge
- + Surface Water Quality Assessment





Land Management using Satellite Technology

- + Land Degradation Monitoring
- + Water Resources Monitoring
- + Impact and Risk Assessment of Hazards
 - (e.g. Landslides, Flooding and Fires)
- + Unauthorised Activities Monitoring
 - (e.g. Construction, Deforestation and Mining)
- + Encroachment Monitoring
- + Land Concession / Easement / Contract Oversight
 - + Property & Land Tax Collection Oversight
- + Ecosystem Services Provisioning & Valuation
 - (e.g. Carbon Credits, Water Purification, Sediment Regulation)
- + Adjoining Land-use Impact Assessment



2018



2019

Wetland Encroachment observed between 2018 and 2019.