

Active on three continents, Datel Group empowers smart communities from the United States to Asia. Through delivering multiple e-government systems, Datel has enabled the transformation of traditionally analog and manual services to digital and efficient systems across continents. The company works with leading organizations such as the European Space Agency, Federal Emergency Management Agency (FEMA), and the United Nations.

CORE COMPETENCIES

- E- government systems (e.g. address and land management, from permits to inspections)
- Earth observation (e.g. environment modelling, subsidence monitoring)
- Real-time awareness systems (environment, law enforcement, rescue)
- Development of geospatial applications
- Mission-critical, secure solutions
- Big Data Analysis and Modelling
- Service Design, UX Design
- Prototype to full product development

CERTIFICATES

- NATO standard — AQAP 2110 Quality assurance for design, development and production
- ISO 27001: 2013 Information security management standard
- ISO 9001:2015 Quality management standard

Founded: 1990
Employees: 100+

CONTACTS:

www.datel.eu
Endla 4, Tallinn 10142 Estonia
+372 6263 070
datel@datel.ee



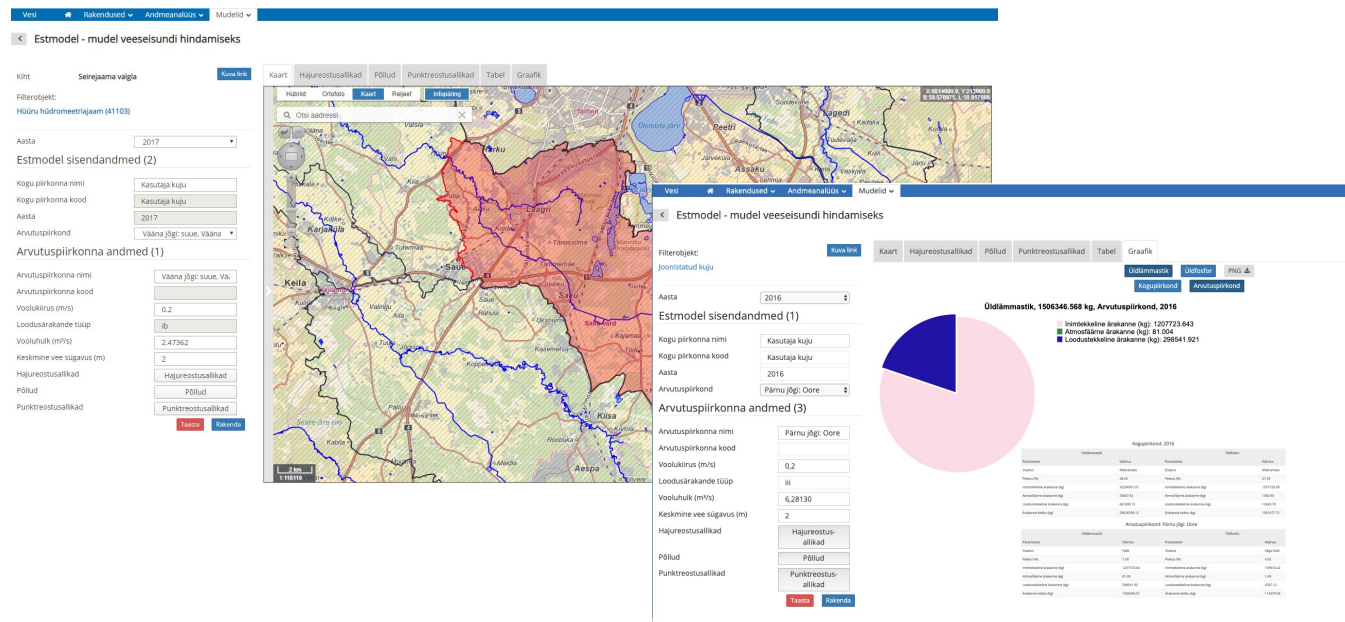
ENVIRONMENTAL RESOURCES MANAGEMENT SYSTEMS

Helping to keep the nature clean and healthy (water management), mineral resources and other resource management alongside fish stocks management. The system predicts the level of water rise and helps anticipate potential flooding, reveals the level of phosphates in the sea, produces diagrams and maps of how wastewater from the shore or rivers mixes and disperses.

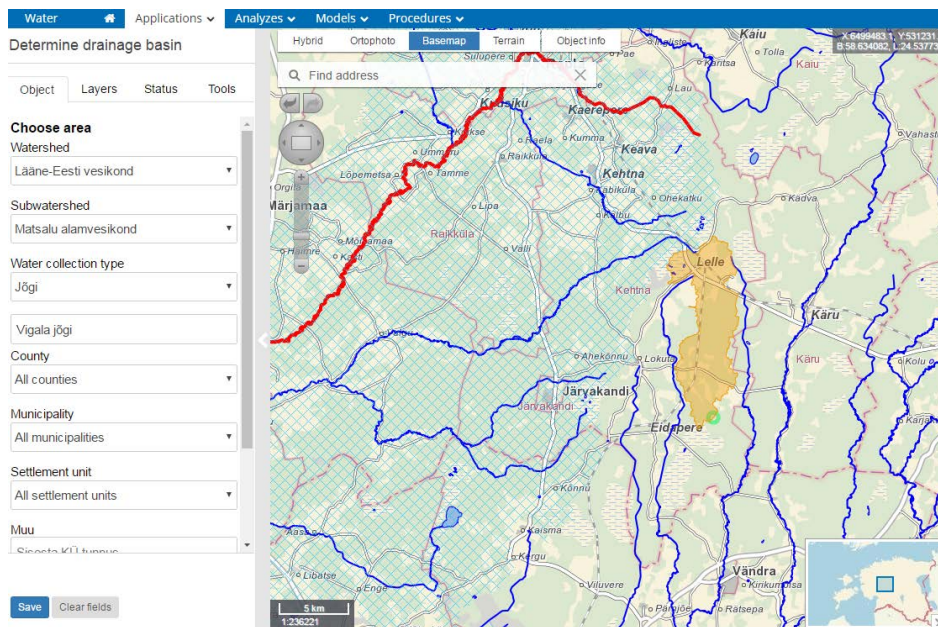
SEA MODELS

Key benefits:

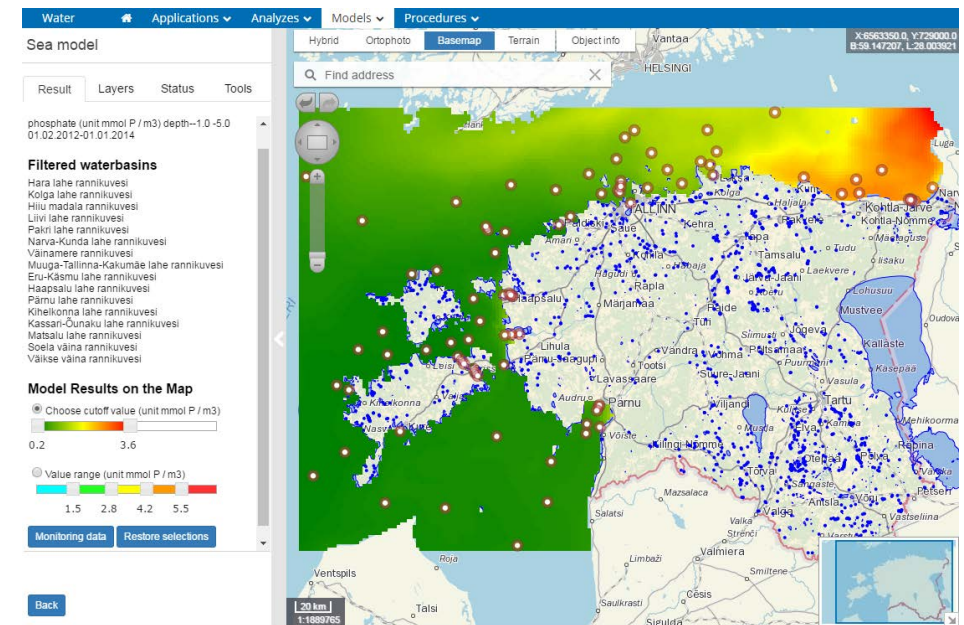
- Predicts the level of water rise and helps anticipate potential flooding
- Reveals the level of phosphates in the sea
- Produces diagrams and maps of how wastewater from the shore or rivers mixes and disperses
- Enables research on how land is flooded based on the swelling height behind a dam.



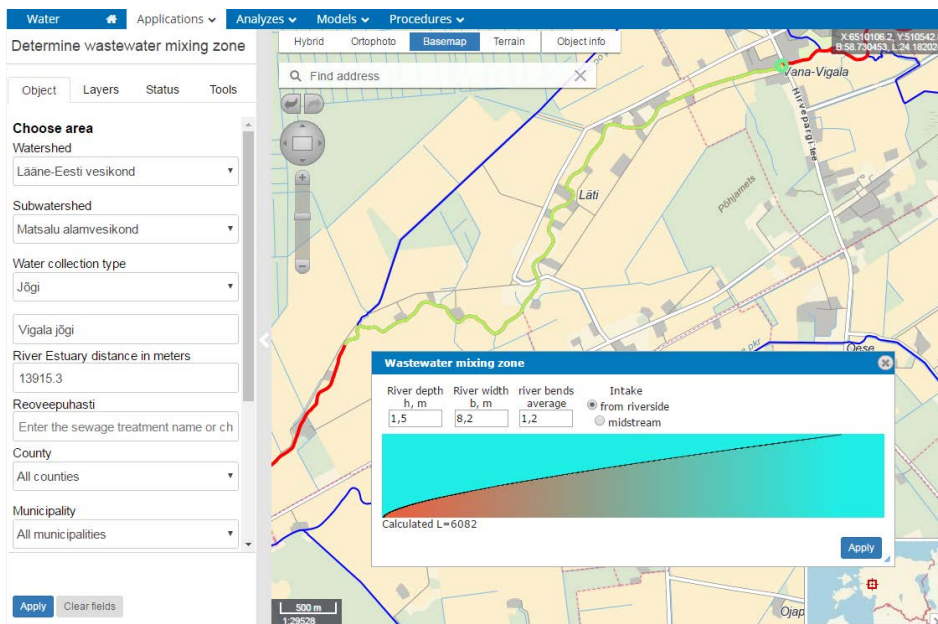
Estimation Model (Estmodel)— Calculates and models what the impact to the surrounding environment will be when new structures are built at specific sites.



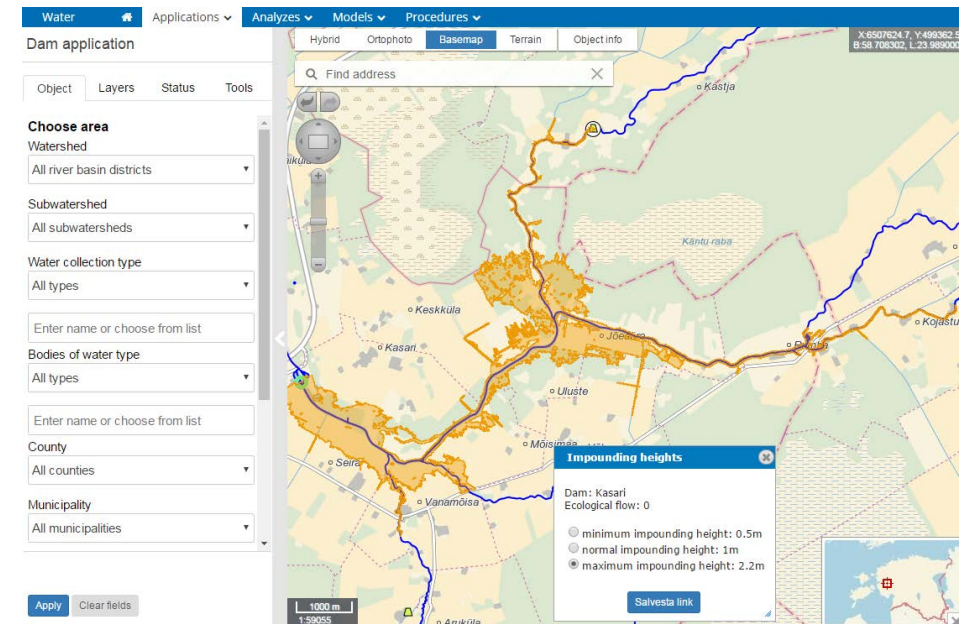
Flooding maps — Ground surface elevation maps. Predicts the level of water rise and helps anticipate floods.



Sea Pollution Modeling – based on a sea model, it reveals the level of pollution.



River-wastewater mixing zone — Produces diagrams and maps of how wastewater from the shore or rivers mixes and disperses.



Dam Impact Modeling— Enables research on how land is flooded based on the swelling height behind a dam.