



Danube Delta water reservoir in DestinE

using Data Lake services

Charlotte Delmas charlotte.delmas@cs-soprasteria.com

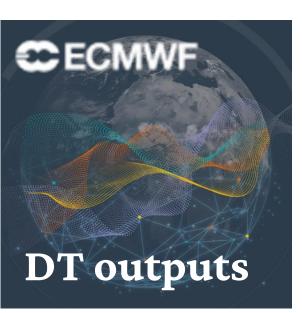


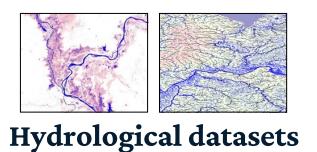


Enhance the study with varied datasets









→ Scientific models ←

Waterbodies surfaces and volumes





Weather forecast.

DestinE Data Lake - Danube Use Case + ADD/EDIT EILTERS Landsat-8 and Landsat-9 satellites provide optical Water bodies in the area equired in the form of tiles (the area of the Danube Delta spans across 4 tiles: 180-028, 180-029, 181-028, and 181-029), Each product is processed with NRT water surfaces = 0 tracking Select parameters to display acquisition date Current water level 2024-04-13 ≤ col < 20... 📋 ₹ **②** surface types tracking max cloud coverage (%)

Live dashboard

River discharge Water level Water temperature

Ground stations





Weather radar data



Leverage all DEDL edge services









Weather

forecast



Weather radar

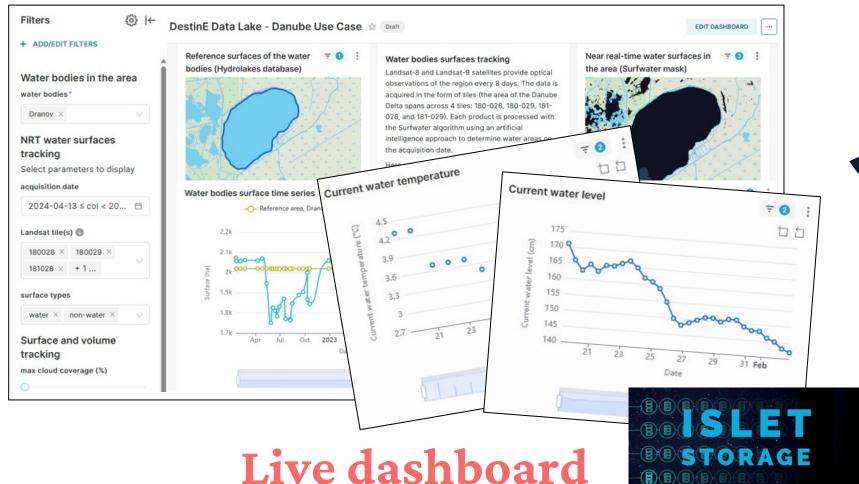




Waterbodies surfaces and volumes







River discharge Water level Water temperature

