

Webinar Invite
“HYPOS - Hydropower Management from Space”
Decision support for the hydropower industry – powered by satellite technology

On December 15th, 2021, hydropower stakeholders are invited to join a webinar introducing the HYdroPOwer Suite (HYPOS). This novel software builds on satellite, modelling and in-situ data to advance hydropower planning and sediment management. Participants will be informed about HYPOS, see test case results in Europe and are welcome to reflect on any further needs.

November 2021 – Sediments count among the main cost drivers in reservoirs. So far, hydropower managers have had to rely on limited information from small, selected sources when designing dams or deciding on flushing or dredging operations.

On December 15th, at 14:00 CET, a new portal for a far more accurate and comprehensive view on reservoirs and river catchments will be launched: The webinar “HYPOS – Hydropower Management from Space” will show how to empower operators and planners by combining satellite, modelling and in situ data within a few mouse clicks. HYPOS not only provides easy access to key hydrological and water parameters, but also combines these to innovative assessment tools.

To date, the new software has been tested on four reservoirs and rivers in Switzerland, Albania, and Georgia, and will go global in 2022. During the Webinar, project managers will showcase the portal’s capabilities for actual cases in Europe. Above all, participants are invited to reflect on their needs for sediment management within the Q&A session.

For all hydropower stakeholders, accurate, but quickly actionable information on river environments is crucial. With HYPOS, they can optimize the economic and environmental evaluation for current and future hydropower plans by gaining access to all available data – faster, at lower costs and with fewer risks than with any traditional method. HYPOS was listed by the [International Hydropower Association](#) on the Innovation hub of the [World Hydropower Congress in 2020](#).

The HYPOS introduction webinar will take 60 min. including a Q&A session. Here is [more information](#) and a link to [free Webinar registration](#).

Project overview

The HYPOS Project is a Horizon 2020 funded project committed to providing easy, direct access to key hydrological and water quality parameters for the hydropower sector. With the development of a new online tool, HYPOS’ partners wish to support a deeper understanding and more sustainable management of reservoirs and river catchments. HYPOS unites experts from the Swedish Meteorological and Hydrological Institute (SMHI), the Norwegian University of Science and Technology (NTNU), the Italian Consiglio Nazionale delle Ricerche (CNR) and the Swiss dam engineering company Stucky Ltd. The project is led

by EOMAP, a global specialist on satellite-based aquatic services from Germany. HYPOS is being tested by hydropower operators throughout Europe. The project partners' mission is to strengthen both the renewable energy sector and environmental safety.

For more details, please visit hypos-project.eu or mail to contact@hypos-project.eu.

For interview partners or more relevant imagery, please contact:
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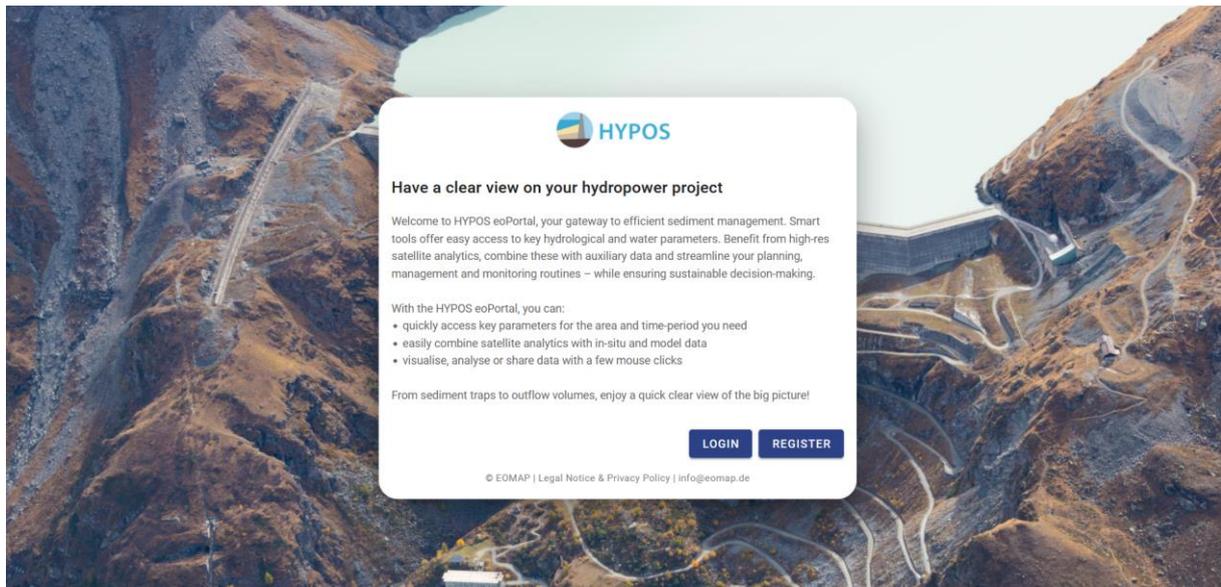


Fig. 1 - The entry point to hydropower decision support by multi-source data (c/ HYPOS)

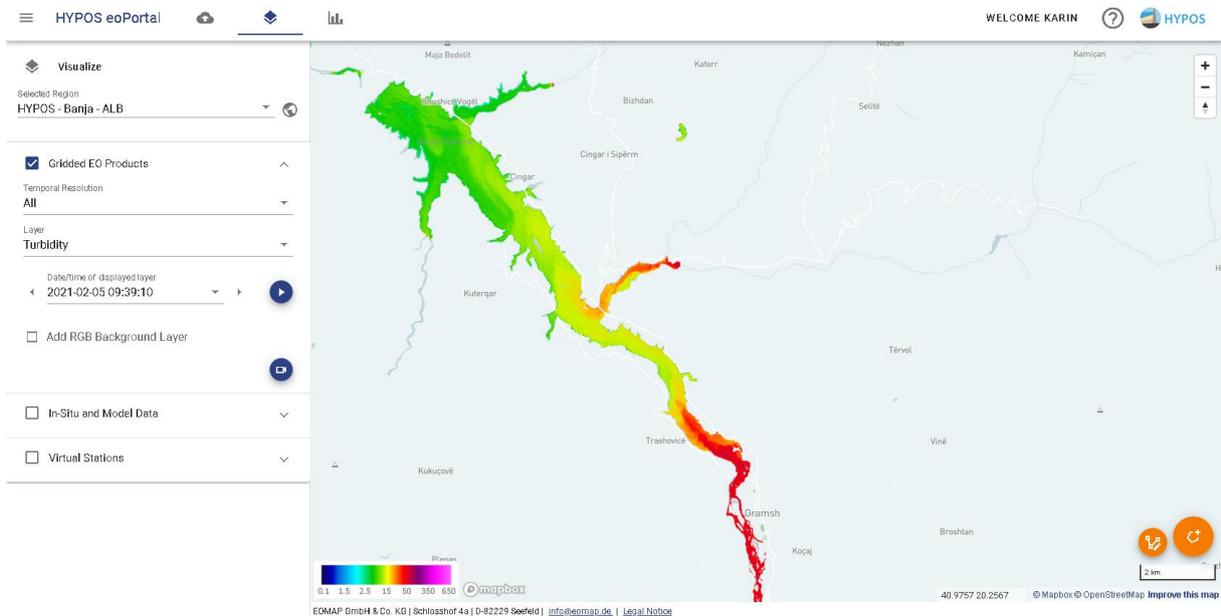


Fig. 2 - Turbidity dynamics in Banja Reservoir, Albania - based on high-res. satellite images (c/ HYPOS, EOMAP)