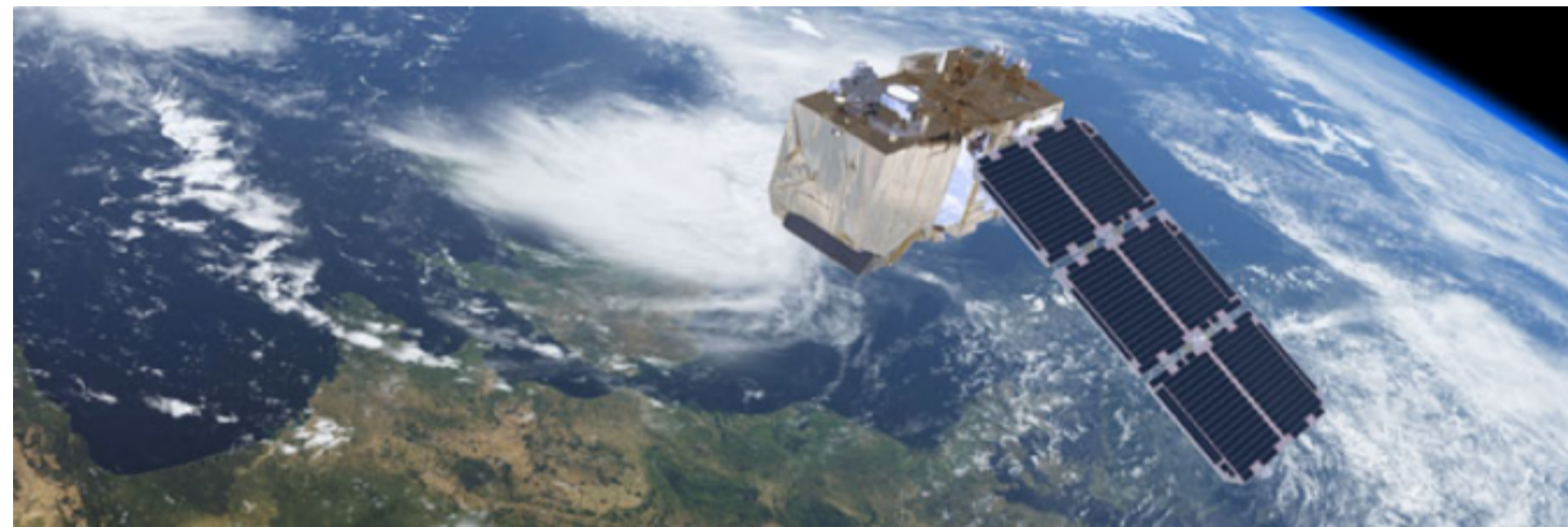


Home
Study
Research
Collaborate
News and events
People
About

SpaceTimeLab research on water mapping featured as a Sentinel Success Stories

3 August 2021

Researchers from the SpaceTimeLab of UCL and the Joint Research Centre (JRC) of the European Commission, recently carried out a study on Convolutional Neural Networks (CNN) for water segmentation, using Copernicus Sentinel-2.



The MSc research project conducted by [Thomas James](#) (now Earth Observation Specialist at [WeGaw](#)) and supervised by [Dr Aldo Lipani](#) from the [SpaceTimeLab](#) at UCL and [Dr Calogero Schillaci](#) from the Joint Research Centre (JRC) of the European Commission on water mapping has been featured as an [ESA Copernicus Sentinel Success Story](#).

This work is published in the International Journal of Remote Sensing in a paper titled: "Convolutional neural networks for water segmentation using sentinel-2 red, green, blue (RGB) composites and derived spectral indices".

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