



OBSGESSION Newsletter

December, 2025

It's been another six months at OBSGESSION, and we have so much to share with you! From papers and conferences to new videos and many other updates.

We've been busy, and we can't wait to tell you!

Events participation

The objectives and mission of OBSGESSION were presented at international events, where partnering institutions took active participation.

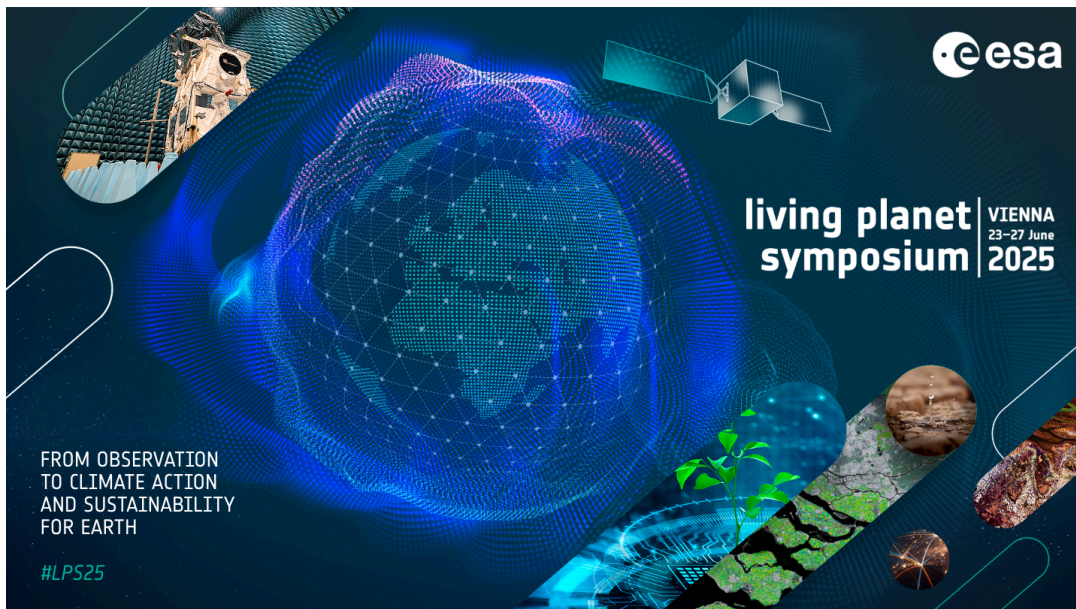


OBSGESSION at the Living Data 2025

The [Living Data 2025](https://livingdata2025.com) conference took place between 21 - 24 October, 2025 and it brought together researchers, data specialists, and biodiversity practitioners from across the globe to explore innovative ways of transforming biodiversity data into actionable insights. The OBSGESSION project joined online and presented **pioneering research** on integrating **remote sensing and molecular tools** to strengthen biodiversity monitoring and reporting.

[Read more](#)

Living Planet Symposium 2025



The [Living Planet Symposium 2025](#), one of the world's leading events on Earth observation, took place in Vienna from 23 to 27 June. Organised by the [European Space Agency \(ESA\)](#), the symposium once again brought together scientists, policymakers, businesses, and space enthusiasts from across the globe. OBSGESSION was featured through both oral and poster presentations, highlighting the **diverse approaches** taken by project partners. Key contributions included the use of the **AVIRIS-4 for monitoring grassland biodiversity** and the **integration of eDNA** with high-resolution satellite spectroscopy to map bacterial diversity in Germany's Bavarian Forest National Park.

[Read more](#)



Seminar Detection & Attribution Modelling Framework



Funded by
the European Union

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OBSGESSION Seminars

OBSGESSION regularly holds internal seminars, where major updates such as publications, deliverables, overall work progress is being presented by the different work packages. In the last few months the project held **three seminars**, recordings of which are available on the project's YouTube page and the website.

Watch the recordings:

"Biodiversity pilots"
Seminar

"Detection and attribution modelling framework"
Seminar

"Policy landscape and needs"
Seminar

From Science to Policy

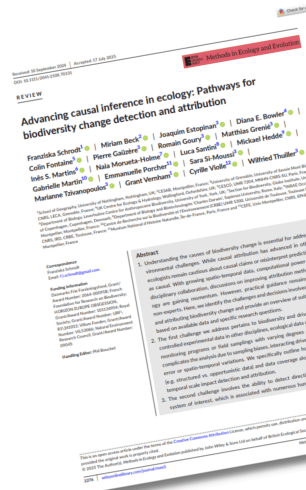
One of the main objectives of OBSGESSION is to create **science-policy links** to support EU and international biodiversity directives, goals, and policies through scientific output.



On 25th September 2025, [UNEP-WCMC](#), a partner in the OBSGESSION consortium, organised an online **Stakeholder Workshop for Science-Policy Needs**. The purpose of this workshop was to present the OBSGESSION project to stakeholders from the European Commission, with a focus on how the project can address policy needs and gaps.

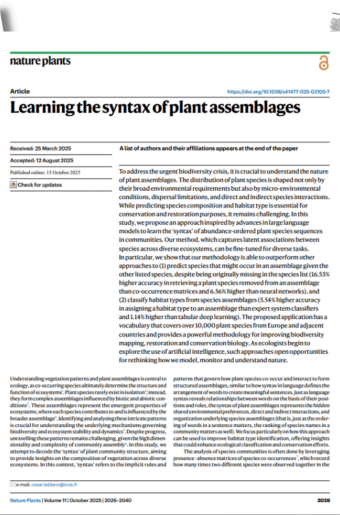
[Read more](#)

New publications



"Advancing causal inference in ecology: Pathways for biodiversity change detection and attribution"

Read here



"Learning the syntax of plant assemblages"

Read here

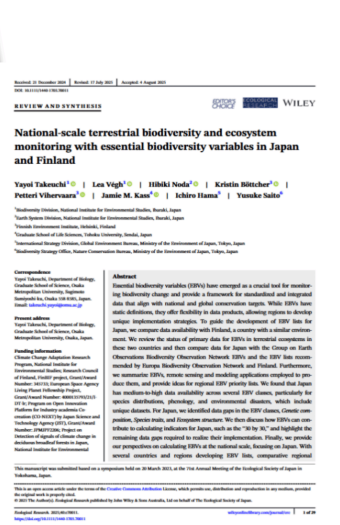


"Prokaryotic communities as proxies for eukaryotic soil beta diversity in forest ecosystems"

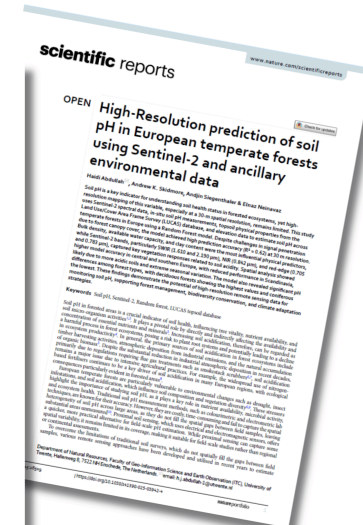
Read here



"Using UAV images and deep learning to enhance the mapping of deadwood in boreal forests"



"National-scale terrestrial biodiversity and ecosystem monitoring with essential biodiversity"



"High-Resolution prediction of soil pH in European temperate forests using Sentinel-2 and ancillary environmental data"

*variables in Japan and
Finland"*

[Read here](#)

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Social media updates

OBSGESSION channels were active all summer



The Previous Research campaign, our **first and longest** social media initiative to date, concluded this summer. This campaign was designed to share the scientific work that partners in the OBSGESSION consortium had published before the project officially began. Overall, the campaign presented OBSGESSION followers with the **expertise and experience** of our team, establishing a strong foundation for achieving the project's goals and mission.

[Read more](#)

New social media campaign:
#OBSGESSIONPartners



Bluesky

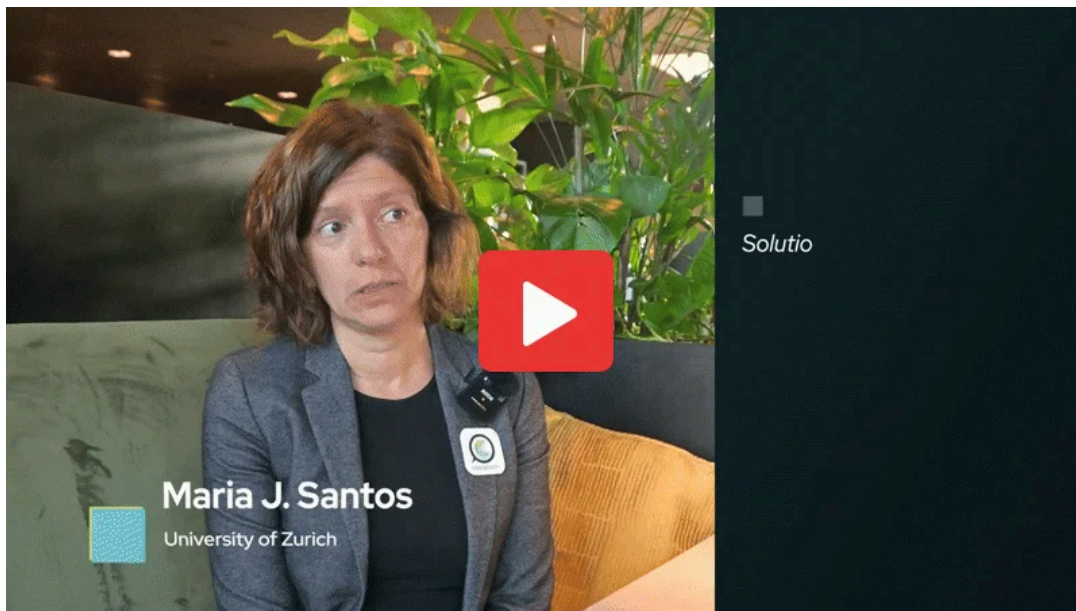
LinkedIn

OBSGESSION launched a new social media campaign. The goal of the campaign is to introduce **the project's consortium** in greater detail. Through the weekly posts, the project's followers will get insight into the expertise, their main field of work, the history of the establishment, and their role within the project.

The campaign will run through OBSGESSION social media profiles on LinkedIn and Bluesky and cover **the 11 partners**, which include institutions, organisations, universities, and SMEs in the project.

OBSGESSION in a nutshell

New video on our YouTube channel



"Relevant, Challenging, Connecting, Exciting, Great people" - these are just a few of the words that partners in the consortium used to describe the OBSGESSION project.

Make sure to watch the video:

YouTube

Media centre

Happy Holidays

From OBSGESSION

The OBSGESSION team wishes you a joyful and restorative holiday season. Here's to a prosperous new year!

**Don't forget to follow us on every
social media channel!**

LinkedIn

Bluesky

YouTube

OBSGESSION Project

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Finland



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