

ESP 11 World Conference

“From global to local ecosystem services: pathways to Nature-based Solutions inspired from Down Under”

23-27 June 2025 | Darwin, Australia

SESSION DESCRIPTION

ID: O11

Scholarly publishing and communication bridges traditional science with ‘alternative’ scientific resources: the case of the ESP-born One Ecosystem journal

Hosts:

	Name	Organisation	E-mail
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Abstract:

In 2016, One Ecosystem – the Ecology and Sustainability Data Journal was launched from within the international consortium of the European Commission-funded project ESMERALDA (short for Enhancing ecosystem services mapping for policy and decision-making, the project ran between 2015 and 2018) and the Ecosystem Services Partnership (ESP) itself.

Ever since One Ecosystem’s purpose has been to act as a unique in its novelty scholarly outlet that would embody the principles of Open Science and Open Data. As such, it gives a platform for publication, dissemination, preservation and recognition for traditional research outputs (e.g. research articles), as well as ‘alternative’ scientific resources (e.g. data, models, software, ecosystem services maps and ecosystem accounting tables) that enable reproducibility and usage for the purposes of either further research work or policy making.

To do this, One Ecosystem regularly updates the range of the article types it welcomes, in order to adapt to the needs and specificity of the field, in addition to the requirements and recommendations of policy bodies. The journal also integrates novel and continuously updated workflows to streamline the publication and long-term preservation, discoverability and re-usability of research data (e.g. structured data import; automated data export). To further increase the visibility, accessibility and citability of its publication, the journal also relies on an extensive network of scientific databases where content is automatically indexed upon publication (e.g. Web of Science, Scopus, DOAJ, ResearchGate), as well as dedicated science communication provided by its publisher.

Since its launch in 2016, the journal has published about 200 articles – including papers falling into the categories of Ecosystem Accounting Table, Ecosystem Inventory and Ecosystem Service Mapping – by authors in five continents that have jointly accumulated over a million views and over five thousand shares on social media. Its productivity, readership and academic impact had the journal accepted at Scopus in 2022, and Web of Science one year later.

Today, One Ecosystem remains one of the ESP-endorsed scholarly journals. It is headed by Editor-in-Chief and ESP’s Co-chair: Prof. Dr. Benjamin Burkhard (Leibniz University Hannover, Germany), and Deputy Editors-in-Chief: Prof. Dr. Davide Geneletti (University of Trento, Italy) and Dr. Joachim Maes (European Commission).

Goals and objectives of the session:

By means of a presentation, a discussion, and a chance to speak directly with One Ecosystem's Editor-in-Chief, participants at the session will be able to learn about the opportunities and advantages of a unique and relatively young scientific outlet. The session could help researchers not only extend and diversify their publication record by choosing One Ecosystem for their next research publication, but also benefit from additional visibility and recognition for their 'non-conventional' scientific outputs. The session would also invite conference-themed collections, in order to boost the reach and real-life impact of scientific work presented at the 11th World ESP conference in context.

Planned output / Deliverables:

- Increased awareness about the diverse and unique publication opportunities available to researchers in the field thanks to the innovative One Ecosystem journal.
- Increased awareness about the services related to the advanced communication and dissemination provided to publications in the One Ecosystem journal.
- A collection of diverse contributions by participants of the session and linked to the 11th ESP World Conference.

Session format:

Presentations and discussion (1 hour).

Related to ESP Working Group:

Others