

Report on the 2026 EGU Nonlinear Processes Division Meeting

Compiled by Davide Faranda, NP Division President

The 2026 Division Meeting of the EGU Nonlinear Processes (NP) Division focused on the organisation of EGU26, the evolution of the NP division, Early Career Scientist activities, awards and medals, and the journal *Nonlinear Processes in Geophysics*.

The meeting opened with an overview of the EGU26 General Assembly. More than 21,000 abstracts were submitted, with 20,534 abstracts actively scheduled as of 21 April 2026. The General Assembly included more than 1,000 active sessions, around 800 disciplinary sessions, 62 short courses, 38 medal and award lectures, and more than 150 townhall and splinter meetings. Early Career Scientists represented 58% of the authors. The NP division showed a significant increase in abstracts compared to EGU25, confirming the continued growth and visibility of the community.

A substantial part of the discussion addressed the future structure and identity of the NP division. A dedicated task force, established after the 2025 Division Meeting, is currently reviewing the scientific scope and possible evolution of the division name. Several possible future names were discussed in order to better reflect the increasing role of nonlinear methods, theoretical approaches, and interdisciplinary applications in geosciences. Proposed names included “Nonlinear Processes, Methods and Interdisciplinary Approaches”, which got the general approval in the discussion.

The meeting also introduced a new combined Equity, Diversity and Inclusivity (EDI) and Policy Officer role. The responsibilities of this position include supporting EDI initiatives within the division, facilitating communication between members and the EDI Committee, and strengthening interactions between nonlinear scientists and policymakers through policy related activities and outreach.

The following officers were proposed and voted during the meeting:

- Deputy President: Tommaso Alberti (INGV, Italy)
- NP2 Dynamical Systems Approaches Officer: Emma Holmberg (University of Bern, Switzerland)
- NP7 Nonlinear Waves Officer: Meriem Krouma (Uppsala University, Sweden)
- EDI and Policies Officer: Mireia Ginesta (University of Oxford, United Kingdom)
- Early Career Scientist Representative: Anupama K Xavier (University of Bristol, United Kingdom)

The Scientific Affairs section highlighted several ongoing and future initiatives of the division. These included the Rossby Waves Workshop organised in Amsterdam in January 2026, the preparation of a perspective paper discussed during the General Assembly, an application for a Summer School at ICTP Trieste in 2027, and the development of a dedicated LinkedIn page

for the division. Collaborations with AGU Nonlinear Geophysics and SIAM Mathematics of Planet Earth were also mentioned as ongoing activities aimed at strengthening interdisciplinary interactions.

The communication activities of the division were presented through the NP blog, which currently includes sections dedicated to ECS spotlights, scientific news, and thematic contributions from the community.

The meeting concluded with the discussion of Awards and Medals activities. The role of the EGU awards system in recognising outstanding contributions to geosciences and supporting Early Career Scientists was emphasised.

The new composition of the Fellows and Richardson Medal Committee, voted during the meeting, is:

- Chair: Ulrike Feudel
- Freddy Bouchet
- Isabel de Lima
- Kateryna Terletska
- Anastasios Tsonis

Compared to the outgoing committee, Angelo Vulpiani stepped down and Anastasios Tsonis joined the committee following the vote.