

NP Division at the EGU General Assembly 2021

Report by François G Schmitt, NP Division president

Date of the division meeting: 22 April 2021 (1 hour, 13:30-14:30 CET)

Division meeting online on zoom in the framework of the virtual vEGU2021 general assembly.

Agenda:

- Opening and presentation
- NP Awards
- News from the Council
- NP activities at the vEGU2021
- ECS report and social media and NP and ECS Networking events (by Tommaso Alberti)
- Presentation on the initiative “Perspectives on Climate Sciences seminars” (by Valerio Lembo)
- NPG report and news (by Daniel Schertzer or Stephane Vannitsem)
- Presentation of current NP Division officers, discussion on the renewal or changes in the organisation

First of all, many thanks to Stephane Vannitsem, from Royal Meteorological Institute of Belgium, for his work during 4 years as President of the NP division (2017-2021). It is proposed that he will be NP vice-president for the next year. There is a general agreement on this proposition.

NP Awards

Due to the cancellation of the physical EGU 2020 meeting, the presentations of the Outstanding Early Career Scientist (OECS) Award and of the Lewis Fry Richardson Medal of the year 2020 have been moved to the year 2021.

In the same session the 2021 recipients have also been presented.

NP Division OECS 2020 Award to Ekaterina Didenkulova

NP Division OECS 2021 Award to Niklas Boers

Lewis Fry Richardson 2020 Medal to Valerio Lucarini

Lewis Fry Richardson 2021 Medal to Bérengère Dubrulle

NP Activities

There is a total of 42 sessions organized by the NP Division: 17 with NP as lead division, and 25 co-organised by NP with other divisions leading. There is also a total of 871 abstracts (410 with NP lead and 461 with other divisions leading). The overall percentage of the NP division is around 3% (counting only the 410 NP-lead abstracts). See the table below and the figure showing the evolution of the NP share.

The NP division also participated to two Inter- and Transdisciplinary sessions (ITS), and short courses. Other NP activities have been advertised, including the networking events.

| | Abstracts | Sessions |
|---------------------------|-----------|----------|
| NP lead | 410 | 17 |
| Co-organised by NP | 461 | 25 |
| total | 871 | 42 |

Table: number of abstracts and sessions for the NP division at the vEGU21 general assembly.

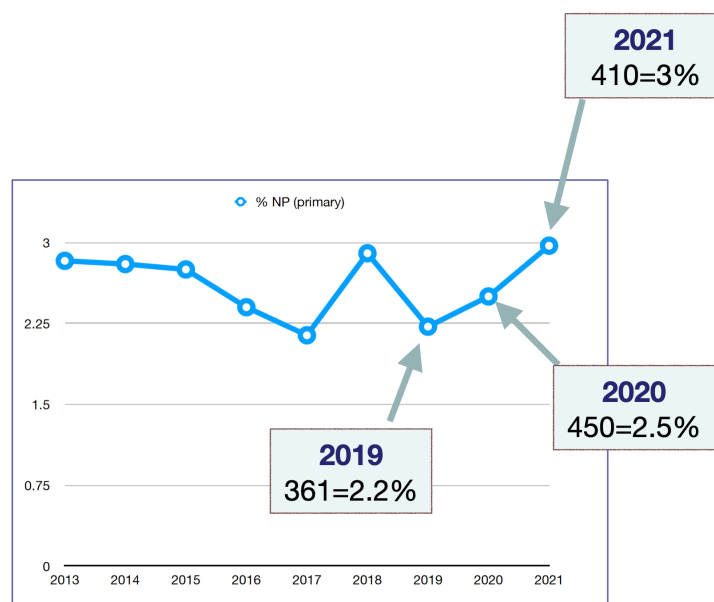


Figure: recent evolution of the percentage of NP abstracts. The share is between 2.2 and 3% with a recent increase.

Other reports

Other reports have been given to the audience.

- The first one is on the EGU 2021 virtual Outstanding Student & PhD Candidate Presentation (vOSPP), by the vOSPP coordinator for NP, Davide Faranda.
- Tommaso Alberti, as ECS (Early Career Scientist) representative for the NP division, presented the ECS activities and the ECS networking event.
- As representative of the NP blog and social media, he also gave information on the NP activities on the online blog and on twitter.
- Valerio Lembo presented the initiative “Perspectives on Climate Sciences; From historical developments to research frontiers”, a seminar series as a transfer of knowledge between senior scientists and Early Career researchers, organized by T. Alberti, L. De Cruz, C. Franzke, V. Melinda Galfi, and V. Lembo. This series of seminars is recorded in a youtube channel.
- Finally Daniel Schertzer presented the activities and news of the journal *Nonlinear Processes in Geophysics*, in behalf of all executive editors. Among other news the creation of NPG letters is presented.

NP Division structure

The structure of the NP Division was not discussed because of lack of time and also because an online meeting is not the best to introduce changes. The following structure is hence kept:

NP1 – Mathematics for Planet Earth (science officer Valerio Lucarini)
NP2 – Dynamical Systems Approaches to Problems in Geosciences (science officer Christian Franzke)
NP3 – Scales, Scaling and Nonlinear Variability (science officer: vacant)
NP4 – Time Series and Big data Methods (science officer Reik Donner)
NP5 – Predictability (science officer Olivier Talagrand)
NP6 – Turbulence, Transport and Diffusion (science officer Yuliya Troitskaya)
NP7 – Nonlinear waves (science officer Julien Touboul)
NP8 – Emerging Phenomena in Geosciences (science officer Henk Dijkstra)

A call will be made among the NP community for the NP3 officer, and also in case other officers want to resign.

Other members:

- Daniel Schertzer (publications),
- François G Schmitt (Programme group chair),
- Davide Faranda (Scientific Affairs),
- Tommaso Alberty (Early Career Scientists),
- Shaun Lovejoy (Division Affairs)
- Auguste Gires (Webmaster).

The composition of the Richardson medal committee was discussed and the following composition was approved by the audience:

- Chair: Shaun Lovejoy,
- Members: Ekaterina Didenkulova; Bérengère Dubrulle; Valerio Lucarini; Tim Palmer