

# YOUNG EARTH SYSTEM SCIENTISTS COMMUNITY (YESS): FOSTERING THE GENERATION OF SCIENTIFIC COLLABORATIONS BETWEEN EARTH SYSTEM SCIENTISTS

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## RESUMEN

La comunidad YESS (Jóvenes Científicos del Sistema Terrestre, por sus siglas en inglés) reúne a jóvenes investigadores (incluso estudiantes) que provienen de diferentes carreras y especialidades, abarcando tanto ciencias naturales como sociales. YESS unifica a jóvenes científicos en una red que les permite tener una voz colectiva y los impulsa dentro de la comunidad de las Geociencias, mientras que acompaña su desarrollo profesional.

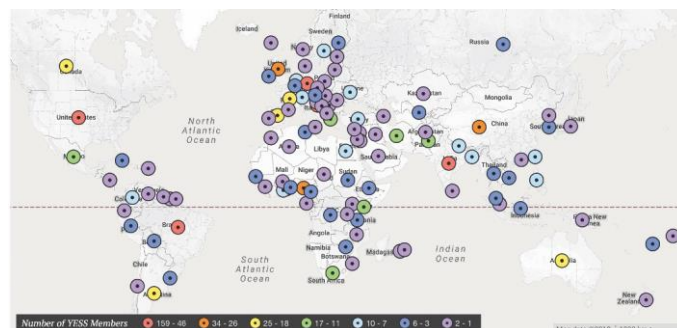
## ABSTRACT

The Young Earth System Scientists (YESS) community is compiled of Early Career Researchers (including students) coming from a range of scientific backgrounds, spanning both natural and social sciences. YESS unifies young researchers in an influential network to give them a collective voice and leverage within the geosciences community while supporting career development.

Palabras clave: Early Career Researchers, networking.

## **Organization and structure**

The YESS community unifies international and multidisciplinary Early Career Researchers in a powerful network, providing a voice and leverage for a better future to serve society. YESS is focused on, but not limited to, Early Career Researchers (Master students, PhD candidates, Postdocs within 5 years of PhD) in the Earth system sciences. The YESS community seeks to pioneer crucial areas of research which provide solutions to benefit society.



**Image 1:** YESS membership's distribution.

Since its founding in Germany in 2010, the Young Earth System Scientists (YESS) community has grown extensively across the globe, with currently more than 1000 members from over 100 countries, and has become truly interdisciplinary.

YESS coordinates its activities through its council, which is open to any member interesting to be actively involved in the community. Within the council, the organization of YESS is decentralized in small groups. In addition, an executive committee which maintains an overview and guides the activities. YESS doesn't have central funding or a strict hierarchical structure and strongly relies on voluntary work of enthusiastic Early Career Researchers.



In order to ensure a good communication channel with its members and partners, YESS has opened an office in 2017. Established in the Argentina's Met Service, the YESS Office provides support to our day-to-day tasks, but also helps in the coordination of events and organization of the activities of the YESS Working Groups, while assisting the Execom and the YESS Council to grow the community more internationally and interdisciplinarily. Recently, the organization has carried its yearly elections for Regional Representatives and Executive Committee as part of its self-sustained governance structure.

**Image 2:** YESS structure

Among the activities that YESS developed through its members are the strengthening of collaborations across different graduate schools and institutes internationally. In addition, YESS serves as a powerful partner with prominent international organizations to give young scientists a collective voice while enhancing interactions between ECRs in order to facilitate exchange of scientific ideas and experiences, online and by organizing events and activities at conferences and workshops. Recently, YESS has organised the Joint YESS-YHS ECR Workshop 2018 in Canmore, Canada, together with the Young Hydrologic Society which gathered young researchers from all over the world to discuss the future of Earth system science. This workshop was supported by the research arms of the World Meteorological Organisation, respectively World Climate Research Programme (WCRP), World Weather Research Programme and Global Atmosphere Watch, as well as the WCRP Core Project GEWEX.

The YESS community has used its powerful network to provide a unified perspective on the future of Earth system science (Rauser et al. 2017), to be involved in the organization of international conferences, and to engage with existing international structures that coordinate science. YESS is ready to continue pioneering crucial areas of research which provide solutions to benefit society for the long-term advancement of Earth system science.

## REFERENCIAS

**Rauser, F, 2017:** Earth System Science Frontiers: An Early Career Perspective. Bulletin of the American Meteorological Society (BAMS).