

News

Goodbye and welcome to SSC and EXCOM members

PAGES would like to extend a warm welcome to the new Scientific Steering Committee (SSC) members: Lukas Jonkers, Shiling Yang and PAGES Early-Career Network (ECN) representative Juliana Nogueira. In addition, we welcome Martin Grosjean as the new Executive Committee (EXCOM) Co-Chair. We would also like to extend our sincere gratitude to the outgoing SSC members: Elena Ivanova, Ed Brook, and ECN representative Tamara Trofimova, as well as the outgoing PAGES Co-Chair, Willy Tinner, for their commitment and dedication to PAGES throughout their terms.

PAGES IPO staff update

On 1 February, the IPO warmly welcomed Iván Hernández-Almeida as the new Science Officer. Iván is a geoscientist who specializes in the use of microfossils in paleoscience. He will be responsible for implementing and developing paleoscience activities, managing PAGES products, and networking within the international global change community. You can reach Iván via email: ivan.hernandez@unibe.ch

New working groups

The Marine Arctic Diatoms (MARDI) working group focuses on diatoms as paleoenvironmental indicators, and aims to improve precision and reliability of diatom-based paleoceanographic reconstructions in the Arctic and subarctic. Find out more and join MARDI activities: pastglobalchanges.org/mardi

The Planetary Boundaries working group aims to explore the interface between paleoecology and the planetary boundaries literature, thereby contributing to the definition of safe operating spaces. Find out more about the group: pastglobalchanges.org/planetary-boundaries

EGU awards and medals 2023

PAGES would like to congratulate Hugues Goosse and Bette L. Otto-Bliesner on receiving awards at the EGU 2023 conference for their important contributions to the Earth, planetary and space sciences. Hugues Goosse, a PAGES SSC member from 2013-2018, received the Hans Oeschger Medal, and Bette L. Otto-Bliesner, a PAGES fellow and Co-Chair from 2006-2011, received the Milutin Milankovic Medal.

PAGES Early-Career Award

PAGES is pleased to announce the Early-Career Award (ECA) 2023 recipient is Kevin Nota. Kevin has a PhD in molecular paleoecology from Uppsala University. He is currently a postdoc at the Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany. Details: pastglobalchanges.org/science/pages-awardees/early-career-award

PAGES Early-Career Network (ECN)

In 2022 the ECN announced its intention to expand its regional representation and welcomed 24 new regional representatives covering Africa, North America, South America, the Middle East, Southeast Asia, Oceania and Europe. In addition, five new members have joined the steering committee: Aditit Dave, Fernanda Charqueño Celis, Kamila Faizieva, Sudhir Bhadra, and Szandra Nemeth.

Deadline for funding support and new working groups

The next deadline to propose a new PAGES working group and/or to apply for financial support for a workshop is 11 September 2023. Details: pastglobalchanges.org/support

Call for Applications: PAGES-IAI Fellowship Program

PAGES and the Inter-American Institute for Global Change Research (IAI) are pleased to announce the third call for Latin American and Caribbean early-career scientists pursuing research experience in paleoscience within the Latin American and Caribbean area. It will cover the costs associated with travel and living expenses. The deadline for applications is 18 August 2023. Details: pastglobalchanges.org/support/pages-iai-fellowship

Call for applications: PAGES Inter-Africa Mobility Fellowship Program

The third call for early-career researchers (ECR) interested in building their paleoscience network within Africa is open. This program aims to provide some financial support for travel and living expenses to ECRs who are studying at African institutions and are interested in gaining experience in another African country. The deadline for applications is 18 August 2023. Details: pastglobalchanges.org/support/pages-fellow-africa

Past Global Changes Magazine: Hard copy orders

In an effort to reduce PAGES' carbon footprint and ensure hard copies of magazines arrive at their intended destinations, PAGES now requests that anyone interested in receiving a hard copy update their postal address on the PAGES people database, or complete the online webform. All details and deadlines are communicated in the PAGES newsletter. More information: pastglobalchanges.org/news/137215

Upcoming issue of Past Global Changes Magazine

The next magazine, guest edited by early-career members of the DEEPICE training network and Ice Core Young Scientists (ICYS), focuses on ice-core research. Although preparations are well underway, if you would like to contribute, please contact our Science Officer: ivan.hernandez@unibe.ch

Calendar

Past Global Changes (PAGES) Symposium 2023

1 June 2023 - Bern, Switzerland

PlioMioVar Workshop: MioOcean Temperature Synthesis Meeting 2

8 June 2023 - Utrecht, Netherlands

3rd ACME workshop: Best practices and data quality challenges for coastal marine proxies in the Arctic

12 July 2023 - Rome, Italy

Summer School on Speleothem Science (S4)

7-13 August 2023 - São Paulo, Brazil

QUIGS workshop - Interglacial intensity

19-22 September 2023 - Grenoble, France

pastglobalchanges.org/calendar

Featured publications

VICS

Guillet S et al. published an article in *Nature* where they reveal how their analysis of medieval texts assisted in the precise dating of some of the largest volcanic eruptions the world has ever seen. pastglobalchanges.org/publications/137198

Q-MARE

In their paper published in *Proceedings of the Royal Society B*, Agiadi K et al. investigated the effects of Pleistocene climate warming on mesopelagic fish size in the eastern Mediterranean. pastglobalchanges.org/publications/137148

OC3

Muglia J et al. published a paper in *Scientific Data* which describes the OC3 working group database; a compilation of $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ data from benthic foraminifera in deep ocean sediment cores, with particular focus on the last deglaciation (19-15 kyr BP). pastglobalchanges.org/publications/137171

PALSEA

Rovere A et al.'s paper in *Earth System Science Data* presents the first version of "The World Atlas of Last Interglacial Shorelines (WALIS)". This global database of sea-level proxies samples dates to Marine Isotope Stage 5 and aims to be a valuable resource to the broader paleoclimate community. pastglobalchanges.org/publications/137077

SISAL

Using a speleothem isotope and growth model, Skiba V and Fohlmeister J published in *Geochimica et Cosmochimica Acta* an investigation of contemporaneously growing speleothems in order to better understand differences in isotopic composition and growth rates. pastglobalchanges.org/publications/137206

Cover

The study of past socio-environmental systems is interdisciplinary. Images illustrate different archives (rock carvings, stalagmites, archaeological pits and submerged landscapes, petroglyphs) from a variety of geographic regions (India, Australia, Chile, Bolivia). Photo credits: Nivedita Mehrotra, Elena Argiriadis, Antonio Maldonado, Stefani Crabtree, Mayank Mishra, Giorgia Campario, Christophe Delaere, and Simon Connor.