

News

PALSEA working group news

This issue of *Past Global Changes Magazine* has been guest edited by leaders of the third phase of the highly successful PAlEO constraints on SEA level rise (PALSEA) working group. PALSEA is a PAGES working group and also an international focus group of the Coastal and Marine Processes commission in the International Union for Quaternary Research (INQUA). Although they may have handed over the reins in January this year, the group's Phase 2 leaders have also been very active, with a special issue of *Quaternary Science Reviews*, titled "PAlEO constraints on SEA level rise (PALSEA): Ice-sheet and sea-level responses to past climate warming" completed in April 2019. Access all 12 articles here: pastglobalchanges.org/products/special-issues/12491-palsea-special-issue-qsr

PAGES SSC and EXCOM news

The annual SSC Meeting was held in Addis Ababa, Ethiopia, from 25-31 March 2019. The group gathers to discuss finances, current working groups, potential new working groups, workshop support applications, SSC membership, and many other important items which guide the PAGES project. For the first time, a member of PAGES Early-Career Network Steering Committee also joined. Stella Alexandroff presented the network's plans and made a valuable contribution to the proceedings. An ECN representative will be invited to all future SSC Meetings.

Following the meeting, SSC members and local presenters were joined by approximately 100 students at a one-day paleoscience symposium held at Addis Ababa University.

Thanks to our SSC member Asfawossen Asrat, from the university's College of Natural Sciences, for organizing this successful symposium.

Working group news

At the end of 2018, several working groups officially came to an end. Aquatic Transitions, Dust Impact on Climate and Environment (DICE), Global Soil and Sediment transfers in the Anthropocene (GloSS) and Pliocene climate variability over glacial-interglacial timescales (PlioVAR) wrapped up their activities. The Warmer Worlds Integrative Activity also finished. Find all former initiatives here: pastglobalchanges.org/ini/wg/former/intro

A new working group, Arctic Cryosphere Change and Coastal Marine Ecosystems (ACME), will be active in the coming months. The aim of this working group is to assess and refine current available marine proxies that can be used to reconstruct cryosphere changes and their ecosystem impacts. All details on how to be involved will soon be available on PAGES' website.

New Science Officer and Finance and Office Manager

PAGES' International Project Office in Bern recently welcomed two new staff members. Sarah Eggleston replaced Lucien von Gunten as Science Officer and Alexandra Gerber replaced Brigitte Schneider as Finance and Office Manager. Their contact details can be found here: pastglobalchanges.org/about/structure/international-project-office

PAGES at INQUA 2019

Have you seen the extensive list of PAGES sessions at the 20th INQUA Congress to be held from 25-31 July 2019 in Dublin, Ireland? Working groups and SSC members are well represented: pastglobalchanges.org/calendar/upcoming/127-pages/1778-inqua-congress-19

Plus, PAGES' Executive Director Marie-France Loutre will be awarded the INQUA Distinguished Service Medal for her record of sustained and outstanding contributions to the maintenance or development of INQUA's important functions such as organization, operations, outputs, or publicity: pastglobalchanges.org/news/all-news-items/9-latest-news/2217-mfl-inqua-medal-19

PAGES Early-Career Network (ECN)

Since launching in February 2018, the ECN has been busy rallying early-career paleoscientists through a variety of initiatives - webinars, newsletters, regional representation and The Early Pages blog. Read on and join! pastglobalchanges.org/ecn

Help us keep PAGES People Database up to date

Have you changed institutions or are you about to move? Please check if your details are current: pastglobalchanges.org/people/people-database/edit-your-profile If you have problems updating your account, we can help. Contact pages@pages.unibe.ch

Upcoming issue of *Past Global Changes Magazine*

Our next magazine will be guest edited by members of PAGES' Ocean Circulation and Carbon Cycling (OC3) working group and members of the broader paleoceanographic community. Although preparations are well underway, if you would like to contribute, please contact the IPO: pages@pages.unibe.ch

Calendar

QUIGS workshop: Warm extremes

1-4 July 2019 - Cambridge, UK

PALSEA workshop: Proxy-based paleo sea-level

21-23 July 2019 - Dublin, Ireland

C-SIDE 2nd workshop: Sea-ice database

29-31 August 2019 - Sydney, Australia

LandCover6k workshop: S and SE Asia

11-15 September 2019 - Pondicherry, India

CRIAS 2nd workshop

7-8 October 2019 - Leipzig, Germany

SISAL 4th workshop: SISALv2 database

14-17 October 2019 - Xi'an, Shaanxi, China

pastglobalchanges.org/calendar

Featured products

2k Network

Cody Routson et al. used the 2017 PAGES 2k paleotemperature dataset to show that Arctic warming is associated with drying over the mid-latitudes of the NH. (2019, *Nature* 568)

SISAL

Franziska Lechleitner et al. investigate how representative the spatial and temporal distribution of the available records is for climate in Western Europe and review potential sites and strategies for future studies. (2018, *Quaternary* 1)

VICS

Matthew Toohey et al. use ice-core-derived volcanic stratospheric sulfur injections and NH summer temperature reconstructions to show that, in proportion to their estimated stratospheric sulfur injection, extratropical explosive eruptions since 750 CE have led to stronger hemispheric cooling than tropical eruptions. (2019, *Nat Geosci* 12)

Book volume

A 535-page book volume on possible links between social upheaval, resource utilization, and environmental forces along the Silk Road in China emerged from the PAGES-supported workshop "The Rise and Fall: Environmental Factors in the Socio-Cultural Changes of the Ancient Silk Road Area" (2019, Springer, ISBN 978-3-030-00728-7)

Special issue

The 228-page special issue "Central and Eastern Europe Paleoscience: From Local to Continental Perspective" is an output of the PAGES-supported "Central and Eastern Europe Paleoscience Symposium: From Local to Global" held in May 2016. (2019, *Quat Int* 504)

Cover

The marine terminus of Nigerdlikasik Bræ of the southern Greenland ice sheet near the town of Paamiut.

The Greenland ice sheet retreated to within this extent about 10,600 years ago (Carlson et al. 2014). This ice margin retreated about 100 m in the summer of 2009 and will soon become, if it is not already, a land-terminating ice margin (last Google Earth image is from summer 2011; this photo was taken in the summer of 2010).

Photo credit: Dr. Kelsey Winsor, University of Wisconsin-Madison, USA; now at Northern Arizona University, USA.