

News

PAGES at EGU 2018

Eight PAGES working groups/Integrative Activities have sessions at the General Assembly 2018 of the European Geosciences Union in Vienna, Austria, from 8-13 April 2018. Session abstracts are due 10 January 2018.

<http://pastglobalchanges.org/calendar/upcoming/127-pages/1738-egu-18>

New SSC members and co-chair in 2018

PAGES welcomes two new Scientific Steering Committee members to the organization on 1 January 2018. Zhimin Jian (Tongji University, China) and early-career researcher Emilie Capron (University of Copenhagen, Denmark) were elected from many outstanding candidates. They replace outgoing members Sheri Fritz (co-chair), Liping Zhou and Janet Wilmshurst. We take this opportunity to thank Sheri, Liping and Janet for their six years of service. Mike Evans now joins Willy Tinner as co-chair and we also welcome him to the role.

New data guidelines

PAGES has updated its data guidelines. PAGES continues to facilitate the development of community-based, data-intensive synthesis products, and promotes data stewardship within its constituency. Several widely used databases have been developed by PAGES-sponsored activities and many others are under construction.

<http://pastglobalchanges.org/my-pages/data/data-guidelines>

PAGES 2k Network Phase 3

Several new PAGES 2k Phase 3 projects have been announced or have a new website presence. Do you have an idea for a project focusing on paleoscience in the past 2000 years? New projects can be proposed at any time.

www.pastglobalchanges.org/ini/wg/2k-network/projects

Guest scientists at PAGES IPO

Professor Giri Kattel worked on various Aquatic Transitions working group projects in October and meet with local scientists in his field. Currently a Visiting Professor under the CAS-PIFI program in Nanjing, China, Kattel is working on paleolimnology, resilience and climate change in upland and lowland lakes and floodplain systems in China. He will return to The University of Melbourne, Australia, in January 2018.

<http://pastglobalchanges.org/news/1822-guest-kattel-17>

Scott St. George, Associate Professor in the Department of Geography, Environment and Society at the University of Minnesota, USA, gave talks in Bern and Zürich during his two-week stay in Switzerland in November, focusing on Floods Working Group and 2k Network topics. He can't quite believe how much PAGES has influenced his career.

<http://pastglobalchanges.org/news/1844-guest-st-george-17>

Former co-chair claims D-O-uble delight

PAGES congratulates former co-chair Hubertus Fischer on being awarded the 2018 Hans Oeschger Medal, which will be presented at the EGU 2018 General Assembly in Austria in April, and the Willi Dansgaard Award, which was presented at the AGU Fall Meeting in New Orleans, USA, in December 2017. Fischer, who finished his tenure with PAGES at the end of 2016, topped the nominees for outstanding achievements in ice research and/or short term climatic changes (past, present, future). We believe it is the first time someone has won both awards within one year and have appropriately named it the D-O-uble (as Dansgaard-Oeschger events are often abbreviated as D-O events).

Suggest a new working group or apply for meeting support*

Propose a new working group <http://pastglobalchanges.org/ini/wg/new-wg-proposal> or apply for workshop support by 19 April 2018 <http://pastglobalchanges.org/my-pages/meeting-support> *This round of meeting support is only open to current PAGES working groups. The next open call for workshop support will be in the second half of 2018.

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. <http://pastglobalchanges.org/people/people-database/edit-your-profile> If you have problems updating your details, we can help. Contact pages@pages.unibe.ch

Upcoming issue of Past Global Changes Magazine

Our next magazine will be on past land cover and land use. Contact the LandCover6k working group or the PAGES office if you are interested in contributing.

<http://www.pastglobalchanges.org/ini/wg/landcover6k/intro>

Calendar

EcoRe3: Resilience, disturbance, functional traits

8-9 May 2018 - Salt Lake City, Utah, USA

First PEOPLE 3000 workshop

14-18 May 2018 - San Rafael, Argentina

LandCover6k: European land-use at 6000 BP

21-23 May 2018 - Barcelona, Spain

GPWG2: African Fire History and Fire Ecology

20-22 July 2018 - Nairobi, Kenya

INQUA-PAGES: Impacts of sea-level rise

26-29 August 2018 - Utrecht, The Netherlands

Joint PALSEA2-QUIGS workshop

24-27 September 2018 - Galloway, USA

GEOTRACES-PAGES: Trace elements

3-5 December 2018 - Aix-Marseille, France

www.pastglobalchanges.org/calendar

Featured products

2k Network

Five new papers were accepted to the 2k phase two synthesis special issue "Climate of the past 2000 years: regional and trans-regional syntheses" of *Climate of the Past*.

Global Monsoon

The much-anticipated second synthesis product from PAGES' former working group. P. Wang et al. address driving mechanisms of global monsoon (GM) variability and outstanding issues in GM science (2017, *Earth Sci Rev* 174).

LandCover6k

L. Furong et al. estimate relative pollen productivity for plant taxa characteristic of human-induced vegetation in ancient cultural landscapes in eastern China (2017, *Veg Hist Archaeobot* 26). L. Marquer et al. combine pollen-based REVEALS estimates of plant cover with climate, anthropogenic land-cover and dynamic vegetation modeling results (2017, *Quat Sci Rev* 171).

OC3

E. Sikes et al. published "Enhanced $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ Differences Between the South Atlantic and South Pacific During the Last Glaciation: The Deep Gateway Hypothesis" (2017, *Paleoceanography* 32).

QUIGS/PALSEA2

B. Otto-Bliesner et al. published "The PMIP4 contribution to CMIP6 - Part 2: Two interglacials, scientific objective and experimental design for Holocene and Last Interglacial simulations" (2017, *Geosci Model Dev* 10).

VICS

Huge media interest surrounded the paper from J. Manning et al. that suggests volcanic eruptions, climate change and the absence of summer flooding caused upheaval in ancient Egypt (2017, *Nat Comm* 8). M. Toohey and M. Sigl describe a new reconstruction of volcanic stratospheric sulfur injections and the associated aerosol optical depth (2017, *Earth Sys Sci Data* 9)

Cover

Color plot representing variations along depth/time (vertical) and space (horizontal) of oxygen isotopic composition in snow trenches in Dronning Maud Land (from Münch et al. 2017, featured in Laepple et al., p. 140 of this issue).