

News

Launch of the PAGES Early-Career Network (ECN)

In February 2018, PAGES continued its commitment to supporting early-career researchers and their careers with the launch of the ECN. Find out more and be involved: <http://pastglobalchanges.org/ecn/intro>

PAGES SSC news

PAGES' Scientific Steering Committee met in Minneapolis, USA, from 21-26 May to discuss the organization's future plans. Extensions to two working groups, PALSEA and VICS, were approved. Fourteen working group, open and educational workshops or conferences were also allocated financial support.

In February, SSC and Executive Committee (EXCOM) members Pascale Braconnot (France) and Darrell Kaufman (USA) were selected for the IPCC Assessment Report 6 Working Group I. Braconnot is Review Editor of Chapter 8 and Kaufman is Lead Author in Chapter Two.

And former SSC member and co-chair Sheri Fritz will receive the International Paleolimnology Association Lifetime Achievement Award in June 2018. PAGES congratulates Sheri on this well-deserved recognition of her contributions to paleolimnology.

Data stewardship

PAGES took another step towards safe and accessible data stewardship by formally signing an agreement in January 2018 with the Neotoma Paleocology Database. Neotoma joins NOAA/NCEI Paleoclimatology and PANGAEA as recommended data repositories.

PAGES 2k Network Phase 3

New projects ARAMATE, CLIM-ARCH-DATE, PALEOLINK and MULTICHRON launched at the start of the year. Read more and be involved: <http://pastglobalchanges.org/ini/wg/2k-network/intro>

Two new working groups

Climate Reconstruction and Impacts from the Archives of Societies (CRIAS) aims to improve the use of society's archives - personal documents, narrative sources, archival materials, early instrumental observations, and artefacts such as flood markers - in reconstructing historical climate variability and human impacts: <http://pastglobalchanges.org/ini/wg/crias/intro>

Cycles of Sea-Ice Dynamics in the Earth system (C-SIDE) aims to reconstruct changes in sea-ice extent in the Southern Ocean for the past 130,000 years, reconstruct how sea-ice cover responded to global cooling as the Earth entered a glacial cycle, and to better understand how sea-ice cover may have influenced nutrient cycling, ocean productivity, air-sea gas exchange, and circulation dynamics: <http://pastglobalchanges.org/ini/wg/c-side/intro>

OC3: Top-10 in AGU Journal

Lead author Andreas Schmittner and the OC3 working group celebrated the announcement that their paper "Calibration of the carbon isotope composition ($\delta^{13}\text{C}$) of benthic foraminifera" in *Paleoceanography* (an AGU publication) was one of the journal's top downloaded articles in recent publication history. At the end of 2017, the article was in the top 10 with 914 downloads - an impressive achievement for the group's first product.

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 4 October 2018. This round of workshop support is only open to current PAGES working groups: <http://pastglobalchanges.org/my-pages/meeting-support>

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

The next PAGES Magazine focuses on data and data stewardship. Guest editors are SSC member Darrell Kaufman, Alicia Newton (*Nature Geoscience*) and Jack Williams (Neotoma). Although preparations are well underway, if you would like to contribute, please contact Lucien von Gunten: lucien.vongunten@pages.unibe.ch

Calendar

INQUA-PAGES: Impacts of sea-level rise

26-29 August 2018 - Utrecht, The Netherlands

Knowledge for fire and biodiversity policy

4-9 September 2018 - Egham, UK

OC3: Ocean circulation and carbon cycling

6-9 September 2018 - Cambridge, UK

PALSEA2-QUIGS: Climate, ice and sea level

24-27 September 2018 - Galloway, USA

SISAL: Regional patterns in isotope signatures

8-12 October 2018 - Agadir, Morocco

GEOTRACES-PAGES: Trace element and isotope proxies in paleoceanography

3-5 December 2018 - Aix-Marseille, France

www.pastglobalchanges.org/calendar

Featured products

2k Network

Eight new papers were accepted to the 2k phase two synthesis special issue of *Climate of the Past* (2017; no. 841).

Global Paleofire

The Global Paleofire Working Group 2 discusses new opportunities for charcoal-based fire history reconstructions (2018, *Fire* 1).

LandCover6k

Jed Kaplan et al. perform a systematic evaluation of two widely-used ALCC scenarios (KK10 and HYDE3.1) in northern and part of central Europe using an independent, pollen-based reconstruction of Holocene land cover (REVEALS) (2018, *Land* 6).

Rob Marchant et al. explore the cumulative effects of climate and land-use change over millennial timescales in East Africa (2018, *Earth Sci Rev* 178). Behnaz Pirzamanbein et al. constructed a hierarchical model for spatial compositional data to reconstruct past land-cover compositions for five time periods during the past 6000 years over Europe (2018, *Spat Stat* 24).

PALSEA2

Nadine Hallman et al. reconstruct a high-resolution sea-level curve encompassing the last 6000 years of past sea level in French Polynesia, based on a comprehensive study of coral microatolls, which are sensitive low-tide recorders (2018, *Nat Comm* 9).

YSM Special Issue

A paper detailing the first high-resolution Lake Dojran pollen record for the last 12,500 years is the first contribution to a special issue stemming from PAGES 3rd Young Scientists Meeting in 2017 (2018, *Clim Past* 14).

Cover

Typical cultural landscape on the low mountains of the Shandong province in eastern temperate China.

This landscape has kept its ancient structures with crop cultivation on terraces and grazing above the terraces intermingled with woodland. The species-rich flora, characteristic of this agricultural land, is optimal to study the relationship between pollen and vegetation in cultural landscapes (Li et al. 2017, *Veg Hist Arch* 26). Image credit: M.-J. Gaillard.