



## Contents

1. PAGES 2k Phase 3	2
2. Transition Team and new coordinators	2
3. Special issue of <i>Climate of the Past</i> – deadline extended	2
4. PAGES 2k global temperature database revised	2
5. New 2k products	2
6. PAGES 2k general meeting	3
7. Upcoming 2k events	3
8. Meeting support	4

This circular is sent to all 2k mailing lists subscribers. Feel free to forward it to interested colleagues with a link to the [PAGES 2k list](#) where they can sign up to receive future circulars. Also, let Lucien know if you wish to be removed from the 2k mailing list. All previous circulars are available online on the [PAGES 2k Network](#) website.

Best wishes from the 2k coordinators (Transition Team),

Nerilie Abram ([nerilie.abram@anu.edu.au](mailto:nerilie.abram@anu.edu.au))  
Hugues Goosse ([hugues.goosse@uclouvain.be](mailto:hugues.goosse@uclouvain.be))  
Darrell Kaufman ([darrell.kaufman@nau.edu](mailto:darrell.kaufman@nau.edu))  
Raphael Neukom ([raphael.neukom@giub.unibe.ch](mailto:raphael.neukom@giub.unibe.ch))  
Chris Turney ([c.turney@unsw.edu.au](mailto:c.turney@unsw.edu.au))  
Mike Evans ([mnevans@umd.edu](mailto:mnevans@umd.edu))  
Hans Linderholm ([hansl@gvc.gu.se](mailto:hansl@gvc.gu.se))  
Helen McGregor ([mcgregor@uow.edu.au](mailto:mcgregor@uow.edu.au))  
Oliver Bothe ([oliver.bothe@gmail.com](mailto:oliver.bothe@gmail.com))  
Belen Martrat ([belen.martrat@idaea.csic.es](mailto:belen.martrat@idaea.csic.es))  
Steven Phipps ([Steven.Phipps@utas.edu.au](mailto:Steven.Phipps@utas.edu.au))  
Scott St. George ([stgeorge@umn.edu](mailto:stgeorge@umn.edu))  
Lucien von Gunten ([lucien.vongunten@pages.unibe.ch](mailto:lucien.vongunten@pages.unibe.ch), PAGES IPO)

### **1 – PAGES 2k PHASE 3**

Our proposal for a third phase of PAGES 2k was approved by the PAGES Scientific Steering Committee. Thanks to all who have provided their ideas and input for the proposal!

Phase 3 will be officially launched at the PAGES Open Science Meeting in Zaragoza, Spain in May 2017 (see section 6). Until then, a transition team formed by the former and newly appointed 2k coordinators (see section 2) will ensure a smooth move into Phase 3.

Phase 3 will build on the success of the PAGES 2k trans-regional projects and develop a network of sub-projects, each one focused on preparing one or more publications, and each one proposed and run by the lead authors. These sub-projects will be the primary building blocks of Phase 3 of the 2k project. In addition to these sub-projects, the coordinators will solicit ideas for one or two larger community-wide activities, such as an expansion of the current global temperature database, or the development of a PAGES 2k hydroclimate database. More information and a call for new projects will be issued soon.

### **2 – TRANSITION TEAM AND NEW COORDINATORS**

Many of you have responded to our call to join the 2k coordination team to help writing the Phase 3 proposal and lead the working group during this new phase. We're happy to welcome Hans Linderholm, Helen McGregor, Oliver Bothe, Belen Martrat, Steven Phipps and Scott St. George in the coordinators team! Their expertise and experience in previous 2k projects will certainly be key to a successful future of 2k. Together with the Phase 2 coordinators they now form a transition team in charge of setting up the new Phase 3 project framework. Hugues Goosse, Darrell Kaufman, Chris Turney and Mike Evans will rotate off from their function as 2k coordinators once the transition to Phase 3 is complete.

### **3 – SPECIAL ISSUE OF CLIMATE OF THE PAST – DEADLINE EXTENDED**

The deadline for article submissions to our synthesis [Special Issue](#) in *Climate of the Past* has been extended to the 28 February 2017. Contact one of the CP chief editors overseeing this issue ([Nerilie Abram](#) and [Marie-France Loutre](#)) if questions arise or if you want to propose an additional contribution.

### **4 – PAGES 2K GLOBAL TEMPERATURE DATABASE REVISED**

After receiving positive reviews from *Scientific Data*, the 98 co-authors of the PAGES 2k global temperature database have revised their manuscript “A global multiproxy database for temperature reconstructions of the Common Era” and will resubmit it early in January 2017.

### **5 – NEW 2K PRODUCTS**

Abram NJ, McGregor HV, Tierney JE, Evans MN, McKay NP, Kaufman DS & the PAGES 2k Consortium (2016) *Early onset of industrial-era warming across the oceans and continents*, Nature 536: 411-418, DOI:10.1038/nature19082

Büntgen U (2016) *As I See It: Bridge over troubled water — valuing Russia's scientific landscape*, Climate Research 70: 95-98, DOI:10.3354/cr01422

Gergis J & Henley BJ (2016) *Southern Hemisphere rainfall variability over the past 200 years*, Climate Dynamics, DOI:10.1007/s00382-016-3191-7

Incarbona A, Martrat B, Mortyn PG, Sprovieri M, Ziveri P, Gogou A, Jordà G, Xoplaki E, Luterbacher J, Langone L, Marino G, Rodríguez-Sanz L, Triantaphyllou M, Di Stefano E, Grimalt JO, Tranchida G, Sprovieri R & Mazzola S (2016) *Mediterranean circulation perturbations over the last*

*five centuries: Relevance to past Eastern Mediterranean Transient-type events*, Scientific Reports 6(29623), DOI:10.1038/srep29623

Jones JM, Gille ST, Goosse H, Abram NJ, Canziani PO, Charman DJ, Clem KR, Crosta X, de Lavergne C, Eisenman I, England MH, Fogt RL, Frankcombe LM, Marshall GJ, Masson-Delmotte V, Morrison AK, Orsi AJ, Raphael MN, Renwick JA, Schneider DP, Simpkins GR, Steig EJ, Stenni B, Swingedouw D & Vance TR (2016) *Assessing recent trends in high-latitude Southern Hemisphere surface climate*, Nature Climate Change 6: 917–926, DOI:10.1038/nclimate3103

Nash DJ, De Cort G, Chase BM, Verschuren D, Nicholson SE, Shanahan TM, Asrat A, Lézine A-M & Grab SW (2016) *African hydroclimatic variability during the last 2000 years*, Quaternary Science Reviews 154: 1-22, DOI:10.1016/j.quascirev.2016.10.012

Sicre M-A, Jalali B, Martrat B, Schmidt S, Bassetti M-A & Kallel N (2016) *Sea surface temperature variability in the North Western Mediterranean Sea (Gulf of Lion) during the Common Era*, Earth and Planetary Science Letters 456: 124-133, DOI:10.1016/j.epsl.2016.09.032

### Articles in 2k Special Issue

Jaume-Santero F, Pickler C, Beltrami H & Mareschal J-C (2016) *North American regional climate reconstruction from ground surface temperature histories*, Climate of the Past 12(12): 2181-2194, DOI:10.5194/cp-12-2181-2016

### Blog articles

Abram N, England M & Vance T (2016) *Record high to record low: what on earth is happening to Antarctica's sea ice?*, [The Conversation](#)

McGregor H, Gergis J, Abram N & Phipps S (2016) *The Industrial Revolution kick-started global warming much earlier than we realised*, [The Conversation](#)

To view all 2k products, visit the respective 2k website: <http://pastglobalchanges.org/ini/wg/2k-network/intro>

Please let us know if you see any gaps or errors, and send us any meeting documents (e.g. presentations and posters) to post on the PAGES 2k webpage to create a complete archive of an event or activity. See an example [here](#).

Don't forget to acknowledge PAGES or the 2k Network (e.g. "the ideas/data in this paper were assembled/developed/discussed by the <name> PAGES 2k working group" or "This is a contribution to the <name> PAGES 2k working group) in publications that draw ideas arising from PAGES-funded meetings. Only articles with an acknowledgement can be considered PAGES products.

## 6 – PAGES 2K GENERAL MEETING

Save the date! A short PAGES 2k general meeting will be held during the lunch break of the 5th Open Science Meeting in Zaragoza, Spain, on Thursday 11 May 2017. More information and instruction to register will be issued soon.

## 7 – UPCOMING PAGES 2K EVENTS

### 23-28 April 2017, Vienna, Austria

EGU General Assembly

2k session: Studying the climate of the last two millennia

<http://www.egu2017.eu/>

Abstract deadline: 11 January 2017

**9-13 May 2017, Zaragoza, Spain**

5th PAGES Open Science Meeting

2k related [sessions](#):

Session 3: Regional and transregional climate variability over the last 2000 years

Session 7: Historical Climate Reconstruction and Impacts of the Common Era

Session 32: Large-scale hydroclimate variability and change of the Common Era: Patterns, Impacts, and Processes

[www.pages-osm.org](http://www.pages-osm.org)

Abstract deadline: 9 January 2017

**14-15 May 2017, Zaragoza, Spain**

Iso2k Science Team meeting

<http://www.pastglobalchanges.org/calendar/upcoming/127-pages/1638-iso-2k-meeting-spain-17>

More upcoming meetings can be found at: [www.pastglobalchanges.org/calendar](http://www.pastglobalchanges.org/calendar)

**8 - MEETING SUPPORT**

2k sub-projects seeking support for meetings can submit a proposal to PAGES (visit [Get Involved>Meetings](#)). **The next deadline for proposal submission is 3 April 2017.**