

# Young Scientists Meeting special issue



**pages goa 2013**  
2ND YOUNG SCIENTISTS MEETING

The Past: A Compass for Future Earth - PAGES Young Scientists Meeting 2013  
Editors: Chen G, Daniau A-L, de Porras ME, Elmore A, Mills K, Saraswat R, Phipps S, Reyes A and Kiefer T  
*Climate of the Past*  
[www.clim-past.net/special\\_issue65.html](http://www.clim-past.net/special_issue65.html)

This special issue provides a cross-section of the research presented at the PAGES Young Scientists Meeting and addresses the processes of past climatic and environmental change, as well as the methodologies required to study them. All 14 first authors and the first six of the guest editors are early-career researchers who attended the meeting held on 11-12 February 2013 in Goa, India.

#### Hydrographic changes in the Agulhas Recirculation Region during the late Quaternary

D.K. Naik, R. Saraswat, N. Khare, A.C. Pandey and R. Nigam

#### Environmental and climatic changes in central Chilean Patagonia since the Late Glacial (Mallín El Embudo, 44° S)

M.E. de Porras, A. Maldonado, F.A. Quintana, A. Martel-Cea, O. Reyes and C. Méndez

#### Expressions of climate perturbations in western Ugandan crater lake sediment records during the last 1000 years

K. Mills, D.B. Ryves, N.J. Anderson, C.L. Bryant and J.J. Tyler

#### Late Glacial-Holocene climatic transition record at the Argentinian Andean piedmont between 33 and 34° S

A.E. Mehl and M.A. Zárate

#### Seasonal changes in glacial polynya activity inferred from Weddell Sea varves

D. Sprenk, M.E. Weber, G. Kuhn, V. Wennrich, T. Hartmann and K. Seelos

#### Sediment transport processes across the Tibetan Plateau inferred from robust grain-size end members in lake sediments

E. Dietze, F. Maussion, M. Ahlborn, B. Diekmann, K. Hartmann, K. Henkel, T. Kasper, G. Lockot, S. Opitz and T. Haberzettl

#### Blue intensity and density from northern Fennoscandian tree rings, exploring the potential to improve summer temperature reconstructions with earlywood information

J.A. Björklund, B.E. Gunnarson, K. Seftigen, J. Esper and H.W. Linderholm

#### Reexamining the barrier effect of the Tibetan Plateau on the South Asian summer monsoon

G.-S. Chen, Z. Liu and J.E. Kutzbach

#### Similarity estimators for irregular and age-uncertain time series

K. Rehfeld and J. Kurths

#### Orbital- and millennial-scale environmental changes between 64 and 20 ka BP recorded in Black Sea sediments

L.S. Shumilovskikh, D. Fleitmann, N.R. Nowaczyk, H. Behling, F. Marret, A. Wegwerth and H.W. Arz

#### Treeline dynamics with climate change at the central Nepal Himalaya

N.P. Gaire, M. Koirala, D.R. Bhujar and H.P. Borgeonkar

#### Investigating vegetation-climate feedbacks during the early Eocene

C.A. Loptson, D.J. Lunt and J.E. Francis

#### Testing long-term summer temperature reconstruction based on maximum density chronologies obtained by reanalysis of tree-ring data sets from northernmost Sweden and Finland

V.V. Matskovsky and S. Helama

#### Uncertainties in the modelled CO<sub>2</sub> threshold for Antarctic glaciation

E. Gasson, D.J. Lunt, R. DeConto, A. Goldner, M. Heinemann, M. Huber, A. N. LeGrande, D. Pollard, N. Sagoo, M. Siddall, A. Winguth and P.J. Valdes



The future of PAGES. Participants at the 2<sup>nd</sup> PAGES Young Scientists Meeting 2013 in Goa, India.