

PAGES|2024 Symposium

Past global changes for our common future



2 MAY 2024



09.00 AM - 16.30 PM



FST - MARRAKECH



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PAGES | 2024 Symposium

This symposium is organized on the occasion of the annual meeting of the PAGES Scientific Steering Committee (SSC) which will take place in Marrakech.

PAGES IPO :

- **Marie-France Loutre** (*Executive Director*)
- **Iván Hernández Almeida** (*Science Officer*)
- **Chéné Van Rensburg** (*Communications and Project Officer*)
- **Ghislaine Heylen** (*Assistant Communication Officer*)

PAGES Scientific Steering Committee :

- **Aixue Hu** - NCAR, Global Climate Dynamics Division
- **Aster Gebrekirstos** - World Agroforestry (ICRAF), Dendrochronology Laboratory
- **Boris Vannière** - University of Franche-Comté, CNRS - MSHE "House of Human and Environmental Sciences Claude Nicolas Ledoux"
- **Eugenia Ferrero** - Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales
- **Fabrice Lambert** - Pontifical Catholic University of Chile, Department of Physical Geography
- **Ilham Bouimetarhan** - University Ibn Zohr, Department of Geosciences
- **Juliana Nogueira** (*ECN*) - Czech University of Life Sciences Prague, Forestry and Wood Sciences, Department of Forest Ecology
- **Keely Mills** - British Geological Survey, International Geoscience
- **Liping Zhou** (*PAGES Co-Chair*) - Peking University, Department of Geography
- **Lukas Jonkers** - Bremen University, MARUM
- **Martin Grosjean** (*PAGES Co-Chair*) - University of Bern, Oeschger Center for Climate Change Research
- **Natasha Barlow** - University of Leeds, School of Earth and Environment
- **Paul Valdes** - University of Bristol, School of Geographical Sciences
- **Pradeep Srivastava** - Indian Institute of Technology Roorkee, Department of Earth Sciences
- **Shiling Yang** - Chinese Academy of Sciences, Institute of Geology & Geophysics
- **Yair Rosenthal** - Rutgers University, Department of Marine and Coastal Sciences, School of Environmental and Biological Sciences
- **Yan Zhao** - Institute of Geographic Sciences and Natural Resources Research
- **Zhimin Jian** (*PAGES Co-chair*)

Local Organizing Committee :

- **Pr. Ali RHOUJJATTI** (*Coordinator*)
- **Pr. Ilham BOUIMETERHAN** (*Coordinator*)
- **Pr. Lahoucine HANICH**
- **Pr. Hassan IBOUH**
- **Pr. Abdellatif SAIDI**
- **Dr. Nadia RHOUJJATTI**
- **Dr. Asmae BAQLOUL**
- **Pr. Hanane REDDAD**

PROGRAMME

2 MAY 2024

PAGES | 2024 Symposium

08H30 - 09H00

Welcome coffee

09H00 - 09H05

Welcome

Ilham BOUIMETARHAN

09H05 - 09H25

PAGES: lessons for a sustainable future.

Marie-France LOUTRE & Iván HERNANDEZ ALMEIDA

09H25 - 09H45

Paleo Studies in Morocco: An overview

Ali RHOJJATI

09H45 - 10H05

IPCC AR7 structure and timeline as it stands right now

Fabrice LAMBERT

10H05 - 10H25

Trusted Research. Why should we care?

Keely MILLS

10H25 - 10H45

Stability of the Atlantic Meridional Overturning Circulation and its impacts on climate

Aixue HU

10H45 - 11H05

Coastal Climate Shifts in Southern Morocco: Lessons from the Past, Implications for the Future

Juliana NOGUEIRA

11H05 - 11H25

Radiocarbon in seawater: tracing water masses in the subtropical Pacific.

Liping ZHOU

Coffee break

11H40 - 12H00

Frost rings in tropical species

Eugenia FERRERO

12H00 - 12H20

Dendrochronology in Africa and the ATRN

Aster GEBREKIRSTOS

PROGRAMME

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12H20 - 12H40

Why did we have a "Green Sahara" 6000 years ago?

Paul VALDES

12H40 - 13H00

Is the early Holocene a good analog for future global warming?

Yair ROSENTHAL

13H00 - 13H20

Holocene Climate Variability in Morocco: Leaf wax isotopes and Argan insights

Asmae BAQLOUL

13H20 - 13H40

Holocene micro-charcoal record from lake Ifrah (Middle Atlas - Morocco): climatic implications

Hanane REDDAD

Lunch

14H30 - 14H50

An overview on speleothem-based paleoclimate research in North Africa.

Khalid AZENNOUD

14H50 - 15H10

Isotope enabled ecohydrological model to unravel the recharge process in the Middle Atlas Mountains

Nadia RHOUJJATI

15H10 - 15H30

Preserving Watershed: Assessing Soil Erosion and Conservation Needs in the Upper Moulouya Watershed.

Soukaina OUDCHAIRA

15H30 - 15H50

Developing and Implementing Effective Flood Forecasting Models in Morocco.

El Mahdi EL KHALKI

15H50 - 16H10

Examining Gridded Precipitation Data in a Semi-Arid Mediterranean Locale: A Study of the Bouregreg Watershed, Morocco

Latifa AIT DAHMANE

16H10 - 16H30

History of earthquakes in Morocco.

Hassan IBOUH



Map showing the location of the accomodation and the faculty of Sciences & Technologies



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A Global Research Network
Coordinating Paleoscience

For more information:

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