

# Oral and Poster presentation

*We need to provide oral and poster presentations in different sections (2 sections for it below). Then in each section we need to separate the list of presentation that are multi-partners and mono partners. For the monopartners include your list where you find your institution/lab name. So make sure you include your presentations at the right place. Do not hesitate to also report national presentations, but only the one that showcase key PACMEDY work, not everything. Make also sure that you include the different presentation in order such that each list starts with 2017 and ends with the latest presentations following what has already been done. Do not include presentations made during the PACMEDY meetings or webinars, we will have a specific sections elsewhere for them.*

## Oral presentations at International conferences or workshops

### Multi partner oral presentations (precise when invited)

Carré M., J. Leloup, M. Elliot, T. Corrège, A. Tudhope, R. Cheddadi, C. Brierley, S. Harrison, P. Braconnot. Spatial patterns of ENSO variability during the Holocene. International Congress on Climate Change and its Impacts, Huaraz, 29 Nov.- 1 Dec. 2017.

### Mono partner oral presentations (precise when invited)

#### LSCE

P. Braconnot : Exploring the Holocene with numerical experiments: mean climate and climate variability in the tropics, PAGES OSM, Saragoza, Spain, 8-12 May 2017, invited

P. Braconnot, O. Marti, Y. Balkanski, D. Zhu, A. Caubel, and A. Cozic : Mid to late Holocene climate evolution from a multi-complexity ensemble simulations, 4ICESM, Hambourg, 28 August-1 September 2017

P. Braconnot: Success and difficulties in modeling the African monsoon during the Holocene, Meeting ACAA2017, Marrackech, 6-10 Novembre 2017, invited

P. Braconnot, O. Marti, Y. Balkansky. D. Zhu, A. Caubel and A. Cozic : Mid to late Holocene climate evolution from a multi-complexity ensemble simulations, PALMOD international conference, 6-8 April 2018, Vienna, invited

Julien Crétat, Pascale Braconnot, and Olivier Marti, Multi-scale changes in the Indian Summer Monsoon rainfall: insights from mid- to late Holocene transient simulations, EGU, Vienne, 7-12 avril 2019, oral

Pascale Braconnot, Julien Cretat, and Olivier Marti, A long term perspective on Monsoon variability and extreme dry or wet years, EGU, Vienne, 7-12 avril 2019, oral, invited

Pascale Braconnot, Investigating long term climate variability and changes with Earth System models, climate informatics, Paris, 3 octobre 2019, invited (video presentation <https://ohnk.net/projet-479-9th-international-workshop-on-climate-informatics>).

## Stockholm

Francesco S. R. Pausata, Kerry A. Emanuel, Marc Chiacchio, Gulilat T. Diro, Qiong Zhang, Laxmi Sushama, J. Curt Stager, Jeffrey P. Donnelly: Tropical storm activity enhanced by Sahara greening and reduced dust emissions during the African Humid Period, EGU General Assembly, Vienna, Austria, April, 2017.

## Reading

Sandy P. Harrison, Laci M. Gerhart, Guangqi Li, I. Colin Prentice, Joy K. Ward: Tree growth in a low CO<sub>2</sub> world: confirmation of the importance of changes in biomass allocation as a response to changing [CO<sub>2</sub>] 10th International CO<sub>2</sub> conference, Palaeo-theme, Interlaken, August, 2017

Sandy P. Harrison, Guangqi Li, I. Colin Prentice: Tree growth and productivity during the Last Millenium: a forward modelling approach for data-model comparisons. PAGES Open Science meeting, Zaragoza, May, 2017

Guangqi Li, Sandy P. Harrison, I. Colin Prentice: Tree growth and climate: an analysis of current assumptions and the advantages of forward modelling as an alternative approach for data-model comparison. 1st PMIP4 conference, Stockholm, September, 2017

Kamolphet Atsawawaranunt, Sandy P. Harrison, I. Colin Prentice: Simulated changes in gross primary productivity during the Last Millennium: a new approach to evaluating PMIP simulations, 1st PMIP4 conference, Stockholm, September, 2017

C. J. R. Williams, J. Singarayer, S. Dadson, E. Black & S. Burrough: Modelling river discharge across mid-Holocene Africa, 1st PotASH meeting, Oxford, September, 2017

J. Singarayer, S. Burrough, P. Valdes & W. Roberts: Synchronous southern hydroclimate change? A modelling perspective, 1st PotASH meeting, Oxford, September, 2017

H. Beckwith, C. J. R. Williams & J. Singarayer: The West African Monsoon: Can the geological past shed any light on the future?, UROP Showcase Event, Reading, November, 2017

Sandy P. Harrison: The Power, Pitfalls and Potential for Using Palaeoenvironmental Observations to Understand Climate Dynamics. Invited speaker, International Conference on Earth System Modelling, Hamburg, September, 2017

Sandy P. Harrison: Physiology-based modelling of productivity and tree growth. Invited speaker, PAGES DAPS project, Louvain-la-Neuve, June, 2017

Sandy P. Harrison: Interpreting tree ring records using a process-based modelling approach Invited speaker, Instituto Pirenaico de Ecologia, Zaragoza, May, 2017

Sandy P. Harrison: Palaeomonsoons: the state of knowledge and outstanding challenges. Invited

presentation, Monsoons session, EGU, Vienna, April, 2017

## **IITM**

R. Krishnan, T.P. Sabin, P. Priya, S. Chakraborty, H. Borgaonkar, N. Gandhi, Tania Guha, Pascale Braconnot. Paleoclimatic constraints on monsoon precipitation extremes over South Asia. Paleoclimate Modelling Intercomparison Project (PMIP4) Conference 2017, Stockholm. 25-29 September, 2017.

Dr. Naveen Gandhi, presented a paper entitled "Centennial tree-ring records over north Kashmir, India in the context of recent climate change" at the 10th World Dendro Conference, Thimphu, Bhutan during 10-15 June 2018

Dr. Sabin TP, participated in the 1st PACMEDY meeting during 3-5 April 2017 at CNRS campus in Gif-sur-Yvette, France and presented paper entitled "High resolution climate simulation of Indian summer monsoon during Mid Holocene"

Dr. H. P. Borgaonkar participated in the 1st PACMEDY meeting during 3-5 April 2017 at CNRS campus in Gif-sur-Yvette, France and presented paper entitled "PACMEDY: Indian Activities"

## **MPI-M**

Roberta D'Agostino, Ori Adam, Piero Lionello, Tapio Schneider: Hadley Circulation extent and strength in a wide range of simulated climates, EGU General Assembly, Vienna, Austria, April, 2017.

Roberta D'Agostino, Piero Lionello, Ori Adam, Tapio Schneider: Hadley Circulation extent and strength in a wide range of simulated climates, PAGES Open Science meeting, Zaragoza, May, 2017.

Claussen, M.: Is the "Green Sahara" problem solved?, PMIP4 Conference, Stockholm, September 2017 (invited).

Jungclaus, J.H. et al.: PMIP4 Simulations over the Common Era and integrated analyses of reconstructions and multi-model simulations. PMIP4 Conference, Stockholm, September 2017.

Claussen, M. et al.: Sahara and Arabian Deserts - past and possible future changes - Invited plenary lecture at the 2017 IBS Conference on Climate Change and Human Migration, 2017, Busan, Korea, December 2017 (invited).

Claussen, M. et al.: How abrupt was the abrupt termination of the AHP - the heterogeneous dynamics of the African Humid Period. Presentation at the 2nd International AFQUA Conference, Nairobi, Kenya, July 2018.

D'Agostino R, Egerer S., Rast S., Niemeier U., Bader J., Jungclaus J., 2018: The role of dust in modulating monsoon dynamics in the MPI-ESM mid-Holocene simulations. DUST Conference 2018, Bari, Italy, June 2018.

Lionello P., D'Agostino R., 2018: Learning about climate change in the Mediterranean region by comparing past and future climates. European Meteorological Society Annual Meeting. Budapest, Hungary, 2018.

D'Agostino R., Bader J., Jungclaus J., 2018: Warm climates: differences and similarities in monsoon behaviours between the mid-Holocene and future climate scenario. SPARC Conference, Kyoto, 2018.

Jungclaus, J., Bader, J., D'Agostino, R., Lorenz, S., Claussen, M.: Transient simulations over the Holocene (8kyrBP - 1850 CE) with MPI-ESM-LR. Past2Future Workshop, University College, London, May 2019.

Jungclaus, J., Bader, J., Zhou, X, D'Agostini, R.: Influence of volcanic forcing on climate variability in transient simulations of the Holocene. INQUA Conference, Dublin, July 2019.

Jungclaus, J., Lohmann, K., Moreno-Chamarro, E., Lorenz, S., Bader, J.: Climate variability in transient simulations over the past millennium and the Holocene: The role of ocean and atmosphere dynamics. Svalbard Holocene workshop. Oslo, November 2019.

Jungclaus, J., Bader, J., Zhou, X: Impact of fast varying forcing on climate variability in transient simulations over the Holocene, PMIP4 Conference, Nanjing, China, October 2020.

Jungclaus, J. and the Past2k Group: Transient simulations over the Common Era in PMIP4/CMIP6, PMIP4 Conference, Nanjing, China, October 2020.

D'Agostino, R. et al.: Global monsoon changes in the last 6,000 years: the tug of war between greenhouse gas and orbital forcing, PMIP4 Conference, Nanjing, China, October 2020.

## **CEREGE**

Beaufort, L., Gally, Y., Barbarin, N., Mazur, J.-C., and Bolton, C.: Regularity in the quaternary variations of Noelarhabdaceae morphology Athènes, 2017.

Beaufort, L., Bolton, C., Mazur, J.-C., and Gally, Y.: Orbital forcing on marine organic and carbonate production in the Indo-Pacific during the last 1.7 Myrs, presented at 2017 Fall Meeting, AGU, 11-15 Dec., New Orleans, 2017.

Leduc G., Vidal, L, and Thirumalai, K. ESNO activity during the last climatic cycle using individual foraminifera analysis , presented at 2017 Fall Meeting, AGU, 11-15 Dec., New Orleans, 2017b.

## **ISEM (now LOCEAN-CNRS)**

Carré M., Azzoug M., Camara A., Cheddadi R., Gaye A., Janicot S., Khodri M., Lazar A., Lazareth C.E., Mignot J., Wade M., Anthropogenic forcing brings Sahel drought to unprecedented level in the past 1600 years. Climate Change in Africa, Marrakech, 7-9 Nov. 2017.

## **AWI**

G. Lohmann, et al.. Holocene and Last Interglacial. International Conference on Earth System Modelling, Hamburg, September, 2017

## Edinburgh

A. Schurer et al. Importance of the pre-industrial baseline for likelihood of exceeding Paris goals, PAGES Open Science meeting, Zaragoza, May, 2017

A. Schurer et al. Detecting the effects of volcanic eruptions on the climate of the last millennium. VICS volcanic impacts on climate society conference, Tucson Arizona, Jan 2018 (invited)

A. Schurer et al. Disentangling the causes of the year without a Summer. VICS volcanic impacts on climate society conference, Cambridge, April 2019

A. Schurer et al. Disentangling the causes of the year without a Summer. IMSC, Toulouse, 24-28 June 2019

G. Hegerl et al. Determining the causes of climate change; from large-scale temperatures to extreme events, PAGES Open Science meeting, Zaragoza, May, 2017

## EPOC

T. Corrège et al., Holocene ENSO variability in the southwest Pacific. AGU Ocean Science Meeting, Portland, February 2018

Delcroix, T., Abarca Del Rio, R., Corrège, T., Cravatte, S., Malaizé, B., La Niña and the drastic ecological change on easter Island. 10th International Conference on early Migration and Easter Island/Rapa Nui, Easter Island, November 2018

Malaizé B, Orliac M., Haoa S., Sémah A-M, Skonieczny C., Caley T. Daniau A-L. and Orliac C., November 2018. ICEPM X (International Conference on Early Pacific Migration and Rapa Nui). 'Record of environmental changes around the Rano Aroi pound (Esater island) over the last 1200 years'

C. Clément, S. Desprat, K. Anupama, S. Prasad, C. Zorzi, D. Oliveira, S. Lauterbach, C. Bolton, N. Andersen, T. Blanz, S.C. Clemens, R. Schneider, P. Martinez. MedPalyno 2019, Bordeaux (France). Changes in vegetation and Indian summer monsoon during the last deglaciation and early Holocene from sediments of the Bay of Bengal.

S. Desprat, C. Clément, P. Martinez, K. Thirumalai, D. Oliveira, K. Anupama, S. Prasad, R. Schneider, S.C. Clemens. INQUA 2019, Dublin (Irlande). Response of the Indian vegetation and monsoon rainfall during the last 23 kyrs and MIS 11c in the Mahanadi river region.

Niclas Rieger, Thibaut Caley, Enno Schefuss, Philippe Martinez, Bruno Malaizé, Sébastien Zaragosi, Gerrit Lohmann, Franck Bassinot, Nadine Ellouz-Zimmermann. INQUA 2019, Dublin (Irlande). Climate variability in the northern Arabian Sea during the Holocene

Malaizé B, Orliac M., Haoa S., Sémah A-M, Skonieczny C., Caley T. Daniau A-L., T. Delcroix, I. Billy and Orliac C, July 2019. INQUA, XX, Dublin, Ireland. 'Record of environmental changes around the Rano Aroi pound (Easter Island) over the last 1200 years'

S. Desprat, C. Clément, C.Zorzi, P. Martinez, K. Thirumalai, K. Anupama, S. Prasad, D. Oliveira, A.-L. Daniau, R. Schneider and Steven C Clemens. Chapman Conference on the Evolution of the Monsoon, Biosphere and Mountain Building in Cenozoic Asia, 5-9 January 2020, Washington, D.C. (USA). Changes in vegetation and summer monsoon rainfall in NE India over the last 70 000 years.

A-M. Sémah, B. Malaizé, M. Orliac, S. Haoa Cardinali, C. Orliac, C. Skonieczny, T. Caley, A-L. Daniau et T. Delcroix, MEDPALYNO 2019, Bordeaux. 'Changements environnementaux sur l'île de Pâques depuis 1200 ans – Rano Aroï'.

## **Sao Paulo**

Silva Dias, Pedro L., Custódio, I.S., Campos, José L., Jorgetti, T., Carvalho, L. and Wainer, I.C., 2017: South American Monsoon System: from the Last Glacial to the Last Millennium. Invited Paper at the American Geophysical Union Fall Meeting – 2017. Paper A24D-01. New Orleans, USA, Dec. 11 to 15, 2017. <https://agu.confex.com/agu/fm17/meetingapp.cgi/Paper/236498> , invited.

## **LOCEAN**

Bruno Turcq. Paleoclima da America do Sul. Conference Hybam Large tropical rivers under climate and land-use changes. 6-10 nov 2017. Niteroi, Brésil.

James Apaéstegui Implicaciones para la reconstrucción de eventos hidroclimáticos extremos relacionados al fenómeno El Niño. SEMINARIO CIENTÍFICO CLIMAT-AmSud "The Niño Phenomenon and its Socio-Ecological Impact in the Region" 16-17 NOVIEMBRE 2020 Lima Peru.

## **University College London**

Department of Environmental Physics Heidelberg University (Germany), State dependence of modes of climate variability in PMIP4/CMIP6, Dec. 2018. *Invited*.

London Ocean Group, Climate variability diagnostics in past and future model simulations, Nov. 2017. *Invited*.

## **Poster presentations at International conferences or workshops**

### **multi partner poster presentations**

P. Braconnot; M. Kageyama; S. Harrison; A. Haywood; J. Jungclaus; B. Otto-Bliesner; J.-Y. Peterschmitt; PMIP-Contributing Participants The PMIP4 contribution to CMIP6, PAGES OSM, Saragoza, Spain, 8-12 May 2017.

B. L. Otto-Bliesner; P. Braconnot; S. P. Harrison; D.J. Lunt; PAGES and PMIP4 Quaternary Interglacials Working Groups Two Interglacials: Scientific Objectives and Experimental Designs for Holocene and Last Interglacial Simulations in PMIP4 and CMIP6, PAGES OSM, Saragoza, Spain, 8-12 May 2017.

R. Manay; B. Turcq; V. Echevin; D. Gutierrez; O. Marti; P. Braconnot Mid-Holocene data-model comparison of paleoceanography and paleoclimate in Peru based on CMIP5 simulations, PAGES OSM, Saragoza, Spain, 8-12 May 2017.

R. D'Agostino, P. Braconnot, S.P. Harrison, K. Raghavan, J. Jungclaus, F.S.R. Pausata, T. Corrège, B.

Turcq, M. Carré, L. Beaufort, M. Elliot, E. Zorita, A. Tudhope, C. Brierley, G. Lohmann, P. Leite da Silva Dias. & other PACMEDY participants: PACMEDY - Palaeoclimate Constraints on Monsoon Evolution and Dynamics, PMIP meeting, Stockholm 25-29 September 2017.

F.S.R. Pausata, Q. Zhang et al.: The role of vegetation and dust reduction in altering the West African Monsoon and the climate worldwide during the mid-Holocene Green Sahara period, PMIP meeting, Stockholm 25-29 September 2017.

R. Krishnan, T.P. Sabin, P. Priya, S. Chakraborty, H. Borgaonkar, N. Gandhi, Tania Guha, Pascale Braconnot. Paleoclimatic constraints on monsoon precipitation extremes over South Asia. Paleoclimate Modelling Intercomparison Project (PMIP4) Conference 2017, Stockholm. 25-29 September, 2017.

Carré M., M. Elliot, T. Corrège, A. Tudhope, R. Cheddadi, C. Brierley, S. Harrison, P. Braconnot. Seasonality and interannual variability in the tropics: A synthesis of Holocene coral and mollusk records. PMIP4 meeting, Stockholm, 25-29 Sept 2017.

Carré M., J. Leloup, M. Elliot, T. Corrège, A. Tudhope, R. Cheddadi, C. Brierley, S. Harrison, P. Braconnot. Spatial patterns of ENSO variability during the Holocene. International Congress on Climate Change and its Impacts, Huaraz, 29 Nov.- 1 Dec. 2017.

R. D'Agostino, S. Lorenz, J. Bader, M. Claussen, J.H. Jungclaus, G. Lohmann, E. Zorita, and the Hamburg Holocene Group: PaCMEDy - Palaeoclimate Constraints on Monsoon Evolution and Dynamics, DKRZ workshop, Hamburg, October, 2017.

D'Agostino R., Braconnot P., Harrison S.P., Raghavan K., Jungclaus J., Pausata FSR., Corrège T., Turcq B., Carré M., Beaufort L., Elliot M., Zorita E., Tudhope A., Brierley C., Lohmann G., Leite Da Silva Dias P., & PaCMEDy participants, PaCMEDy, Paleoclimate Constraints on Monsoon Evolution and Dynamics. SPARC Conference, Kyoto, October 2018.

Braconnot, P., Carré, M., Leloup, J. and Marti, O. : Long term Holocene trends, change in seasonality and ENSO variability, International ENSO CLIVAR conference, Guayaquil, October 2018, poster

Bordoni S., D'Agostino R., Bader J., Jungclaus J. 2018: Warm Climates: Differences and analogies in monsoon response to past and future forcing. American Geophysical Union (AGU) Fall Meeting, San Francisco, December 2018.

Pascale Braconnot, Bette Otto-Bliesner and PMIP participants, Implication of Mid Holocene and Last Interglacial changes in insolation seasonality on high and mid latitude climate, workshop CMIP6, Barcelone, 25-28 février 2019, poster

Pascale Braconnot, Seasonal and interannual variability in IPSLCM6-LR Mid Holocene simulations, 27-28 mai 2019, Bordeaux, poster

Bruno Turcq, Pedro Da Silva Dias, Renato Campello Cordeiro, Patricia Moreira-Turcq, Luciane Moreira, Igor Custodio, Illaina Wainer, Katya Solis, Jhan Carlo Espinoza, James Apaestegui, Maria Gracia Bustamante, Nicolas Strikis, Vincent Jomelli, Johann Jungclaus, Roberta D'Agostino, Juergen Bader, Olivier Marti, Pascale Braconnot. South American Monsoon Integration in PACMEDY Project. PMIP 2020. 26-30 octobre 2020, Nanjin Normal University.

M. Yseki, B. Turcq, S. Caquineau, R. Salvattecì, D. Gutierrez, J. Jungclaus, O. Marti, P. Braconnot. Centennial to millennial variability of winds and precipitation in the Eastern South Pacific during the Holocene: A new data-model comparison. PMIP 2020. 26-30 octobre 2020, Nanjin Normal University.

## mono partner poster presentations

### LSCE

P. Braconnot, O. Marti, Y. Balkanski. D. Zhu, A. Caubel and A. Cozic, Mid to late Holocene transition Holocene simulation with the IPSL Earth System Model, PMIP meeting, Stockholm 25-29 September 2017

Cretat, J., Braconnot, P. and Terray, P. ENSO and the Indian Summer Monsoon: mid-Holocene to present relationship in transient global simulations. International ENSO CLIVAR conference, Guayaquil, October 2018, poster

### MPI-M

Roberta D'Agostino, Ori Adam, Piero Lionello, Tapio Schneider: Hadley Circulation extent and strength in a wide range of simulated climates, AGU fall meeting, San Francisco, December, 2016.

Lorenz, S.; Bader, J.; Brovkin, V.; Toohey, M.; Claussen, M. et al.: High-resolution transient simulations of Holocene climate with the MPI Earth System Model: forcing and experiments. PAGES OSM, Saragoza, Spain, 8-12 May 2017.

Bader, J., Brovkin, V., Claussen, M., D'Agostino, R., Dallmeyer, A., Jungclaus, J.H. et al.: Climate and climate variability over the last 8000 years in high-resolution transient palaeo-simulations. 4th International Conference on Earth System Modelling, Hamburg, Germany, August 2017.

S. Milinski, J. Bader, J.H. Jungclaus, and J. Marotzke, Does internal variability change in response to global warming? AGU Fall Meeting, New Orleans, December 2017.

Jungclaus, J.H.; Bader, J., Ghosh, R.; Wagner, S., Modulation of summer climate variability over Europe during the Common Era, PMIP4 Conference, Stockholm, September 2017

Lionello P., D'Agostino R.: Changes of temperature and precipitation in the Mediterranean region from the Last Glacial Maximum to the end of the 21st century. European Geoscience Union (EGU) General Assembly, Wien, Austria, April 2018.

D'Agostino R., Bader J., Jungclaus J., 2018: Warm climates: differences and similarities in monsoon behaviours between the mid-Holocene and future climate scenario. European Geoscience Union (EGU) General Assembly, Wien, Austria, April 2018.

Scambiati A.L., D'Agostino R., Lionello P.: Estimate strength and extension of the Hadley Circulation: weak consistency among methods based on different variables. European Geoscience Union (EGU) General Assembly, Wien, Austria, April 2018.

Scambiati, A.L., D'Agostino R., Lionello P.: The role of the Hadley Circulation expansion in shaping the Mediterranean climate. HyMeX Workshop, Lecce, Italy. May 2018.

Lionello P., D'Agostino R.: Changes of temperature and precipitation in the Mediterranean region from the Last Glacial Maximum to the end of the 21st century. Italian Society for Climate Science (SISC) Sixth Annual Conference, Venice, Italy, 2018.

Lionello P., D'Agostino R.: Comparing the simulated Mediterranean climate in different conditions: Last Glacial Maximum, Mid-Holocene and the RCP8.5 projection at the end of the 21st century. MedClivar Conference, Belgrade, Serbia, 2018.

Scambiati A.L., D'Agostino R., Lionello P., 2018: The relation between the global Hadley circulation and the climate in the Mediterranean region. MedClivar Conference, Belgrade, Serbia, 2018.

## **Stockholm**

Francesco S. R. Pausata, Qiong Zhang, Francesco Muschitiello, Zhengyao Lu, Léon Chafik, Eva M. Niedermeyer, J. Curt Stager, Kim M. Cobb & Zhengyu Liu: Greening of the Sahara suppressed ENSO activity during the mid-Holocene, PAGES OSM, Saragoza, Spain, 8-12 May 2017.

Francesco S. R. Pausata, Kerry A. Emanuel, Marc Chiacchio, Gulilat T. Diro, Qiong Zhang, Laxmi Sushama, J. Curt Stager, Jeffrey P. Donnelly: Tropical cyclone activity enhanced by Sahara greening and reduced dust emissions during the African Humid Period, PAGES OSM, Saragoza, Spain, 8-12 May 2017.

## **AWI**

Lohmann, G. and Köhler, P. (2017) Transient simulations of the last deglaciation in the framework of the PalMod project as contributions to PMIP4, First PMIP4 conference, Stockholm, Sweden, 25 September 2017 - 29 September 2017 . [hdl:10013/epic.51766](https://hdl.handle.net/10013/epic.51766)

Martin Werner, Paul Gierz, Gregor Knorr, Xu Zhang, Gerrit Lohmann Exploiting stable water isotopes for an improved modelling of past climate changes. First PMIP4 conference, Stockholm, Sweden, 25 September 2017 - 29 September 2017 .

## **Edinburgh**

A Schurer et al. Last Millennium Simulations using UK Met Office models: PMIP3 simulations and plans for PMIP4 First PMIP4 conference, Stockholm, Sweden, 25 September 2017 - 29 September 2017 .

## **ISEM (now LOCEAN-CNRS)**

Carré M., M. Azzoug, A. Camara, R. Cheddadi , A.T. Gaye, S. Janicot, M. Khodri, A. Lazar, C.E. Lazareth, J. Mignot, M. Wade. Sahel rainfall negatively linked to global temperature during the past 1600 years. OSM PAGES meeting, Zaragoza, 9-13 May 2017.

## **LOCEAN**

Bruno Turcq, Pedro Da Silva Dias, Renato Campello Cordeiro, Patricia Moreira-Turcq, Luciane Moreira, Igor Custodio, Illaina Wainer, Katya Solis, Jhan Carlo Espinoza, James Apaestegui, Maria Gracia Bustamante, Nicolas Strikis, Vincent Jomelli, Johann Jungclaus, Roberta D'Agostino, Juergen Bader,

Olivier Marti, Pascale Braconnot. La mousson sud-américaine pendant les 6000 dernières années : comparaison Données/Modèles transitoires. Journées Climat et Impact 23-25 novembre 2020. Université Paris Saclay.

Renato Campello Cordeiro, Patricia Moreira Turcq, Luciane Silva Moreira, Bruno Turcq Carbon accumulation rate and stockage of carbon in floodplain lakes related to paleoclimatic evolution during the Holocene. 8eme Conférence Hybam, Environmental threats and climatic changes in the Amazon. Museum d'Histoire Naturelle de Toulouse, 1 - 6 septembre 2019.

Bruno Turcq , Carlos Benavente Escobar , James Apaestegui , Stephanie Dumont , Laurence Audin , Stephane Guedron , Dimitri Guttierrez , Sergio Moreira, Isabelle Billy, Renato Campello Cordeiro, Luciane Moreira, Patricia Moreira-Turcq. Variabilité millénaire de deux lacs péruviens pendant le Mégalayen (Holocène Supérieur). 8eme Conférence Hybam, Environmental threats and climatic changes in the Amazon. Museum d'Histoire Naturelle de Toulouse, 1 - 6 septembre 2019.

Moreira, L.S.; Moreira-Turcq, P.; Cordeiro, R.C.; Turcq, B.; Aniceto, K.C.; Moreira-Ramírez, M; Soares Cruz, A.P.; Caquineau, S.; Silva, V.C. An integrated approach to tracking paleohydrological changes along the Amazon Basin. 8eme Conférence Hybam, Environmental threats and climatic changes in the Amazon. Museum d'Histoire Naturelle de Toulouse, 1 - 6 septembre 2019.

Romina Llanos, Patricia Moreira-Turcq, Raúl Espinoza, Bruno Turcq, Bram Willems. Shifts in carbon accumulation in tropical andean peatlands due to climate change. 8eme Conférence Hybam, Environmental threats and climatic changes in the Amazon. Museum d'Histoire Naturelle de Toulouse, 1 - 6 septembre 2019.

Turcq, B. Les enregistrements d'El Niño revisités, un hommage à Luc Ortlieb Colloque Q11 AFEQ-CNF-INQUA, Orléans, février 2018.

Abdel Sifeddine , Francisco Zuluaga, James Apaestegui, Jorge Cardich, Dimitri Gutierrez ,Bruno Turcq , Renato C. Cordeiro , Jorge Valdes , Ana Luiza S. Albuquerque, Ioanna Bouloubassi , Sandrine Caquineau , Francisco William Da Cruz & Miriam Khodri. Tropical and Extra tropical variabilities, teleconnections and their impacts on South American climate during the last millennium. Colloque Q11 AFEQ-CNF-INQUA, Orléans, février 2018.

Llanos, R., Moreira-Turcq, P., Espinoza, R., Turcq, B., Willems, B. Carbon accumulation in high-altitude peatlands of the central andes of Peru. In: Virtual poster presented for the Spring 2018 Virtual Poster Showcase of the American Geophysical Union – AGU. Keila Aniceto, Patricia Moreira-Turcq, Renato Campello Cordeiro, Adriana Horbe, Pascal Fraizy, Isabel Quintana Cobo, Marcel S. Passos, Bruno Turcq - Paleohidrologia e sedimentação mineral em lagos de várzea do Baixo Ucayali. Conference Hybam Large tropical rivers under climate and land-use changes. 6-10 nov 2017. Niteroi, Brésil

Yizet Huaman, Patricia Moreira-Turcq, Bram Willems, Raúl Espinoza, James Apaéstegui, Bruno Turcq - Influence of Paleoclimatic changes in high Andean peatlands during the last 2500 years. Conference Hybam Large tropical rivers under climate and land-use changes. 6-10 nov 2017. Niteroi, Brésil

Romina Llanos, Patricia Moreira-Turcq, Raúl Espinoza, Bruno Turcq, Bram Willems - Carbon accumulation in high-altitude peatlands of the central Andes of Peru. Conference Hybam Large tropical rivers under climate and land-use changes. 6-10 nov 2017. Niteroi, Brésil

Moquet Js., Morera S.B., Turcq B., Poitrasson F., Moreira-Turcq P., Roddaz M., Espinoza J.C., Huamán D., Guyot JL, Takahashi K., Sondag F., Mounic S. - Uso de isótopos de Strontio e Neodymio no material em suspensão do Rio Tumbes (Peru) como traçadores. Conference Hybam Large tropical rivers under

climate and land-use changes. 6-10 nov 2017. Niteroi, Brésil

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