STRASBOURG
14-18 MARCH 2022

QUATERNAIRE 13

Palaeoclimate changes, landscape evolution and human societies:
from sedimentary basins to industrial landscapes

AFEQ-CNF INQUA
Image Ville Environnement
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UMR 7044 ARCHIMÈDE
Université de Strasbourg
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ARCHÉOLOGIE ALSACE
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Palaeoclimate changes, landscape evolution and human societies:
from sedimentary basins to industrial landscapes

The Institute Laboratoire Image Ville Environnement (LIVE - UMR 7362, CNRS, University of Strasbourg and École Nationale du Génie de l'Eau et de l'Environnement de Strasbourg) organizes on 14-18 March 2022 in Strasbourg the thirteenth AFEQ - *CNF INQUA* international conference: « Q13 - Paleoclimate changes, landscape evolution and human societies: from sedimentary basins to industrial landscapes ».

The conference will focus on:

- climate change and landscape evolution at the Quaternary timescale
- interactions between climate, environments and human populations
- impacts of human societies on landscapes and anthropization processes

Its objectives are to provide an overview of both novel research carried out in the various branches of the Quaternary, and advances in associated scientific methods (development, application). In addition, it will focus on regional-scale studies and approaches, with an opening towards modern - in particular urban - environments.

The Q13 meeting will have a strong international dimension, which reflects the strategic position of Strasbourg at the heart of Europe. In particular, scientific communities of bordering countries (Germany, Switzerland, Belgium, Luxembourg,...) are highly welcome to take part in this conference.

12 SESSIONS

1. Climate-controlled sedimentary systems and processes - how unique is the Quaternary?
Joint French and German organisation
Mathieu Schuster, Matthias Hinderer and Laura Stutenbecker

2. Deciphering landscape evolution from different angles: combining geochronology, quantitative geomorphology and modelling approaches
Joint German and French organisation
Melanie Bartz, Jan-Henrik Blöthe and Pierre Valla

3. Reconstruction of palaeoclimate and palaeoenvironments during the last glacial period: impact of millennial-timescale climate variations on Megafauna and Human societies
Charlotte Prud'homme, Amaelle Landais, Pierre-Henri Blard and Olivier Bignon-Lau

4. From one glacial to another: global climate dynamics and impact on continental environments during Quaternary interglacials
Julie Dabkowski, Loïc Lebreton and Franck Bassinot

5. First prehistoric settlements and Pleistocene paleoenvironments : adaptations, subsistence and migrations
Valentina Villa, Héloïse Koehler, Eslem Ben Arous and Frédéric Blaser

6. Uses and misuses of landscapes and resources: New perspectives on pioneer farming societies in the world
Alexa Dufraisse, Rose-Marie Arbogast, Émilie Gauthier, Philippe Lefranc and Grégore Marchand

7. Impacts of past agro-pastoral activities on the structure of landscapes
Salomé Granai, Dominique Schwartz, Julian Wiethold and Julie Morin-Rivat

8. Urban and industrial socio-ecosystems: from past to present, and future
Quentin Borderie, Laurent Lespez, Frédéric Gob and Manon Kohler

9. Space and time variability of millennial-scale crises during the Holocene : Local to regional climatic and environmental records, and cultural responses to rapid climate changes
Catherine Kuzucuoglu, Aline Garnier and Pascal Flohr

10. Active tectonics and earthquakes: their records in the geological, geomorphological and archeological archives
Stéphane Baize, Jean-François Ritz, Pierre Antoine, Laurence Audin and Klaus Reicherter

11. Human-nature interactions deduced from river mouth, coastal and marine records: Trends and short-term changes in a long-term perspective
Ferréol Salomon, Pierre Stéphan and Maria Fernanda Sánchez Goñi

12. Methodological advances in fluvial geomorphology and ecology to rivers management
Valentin Chardon, Jérémie Riquier and Alexandre Peeters

4 KEYNOTE SPEAKERS

Maria Fernanda Sánchez Goñi	President of AFEQ - *CNF INQUA*, École Pratique des Hautes Études (EPHE, PSL), UMR 5805 - EPOC, CNRS and University of Bordeaux (France)
Frank Preusser	President of DEUQUA, University of Freiburg (Germany)
Gert Verstraeten	Former president of BELQUA, Catholic University of Leuven (Belgium)
Pierre Antoine	Former president of AFEQ - *CNF INQUA*, CNRS, UMR 8591 LGP, University Paris 1, UPEC, Meudon (France)

2 WORKSHOPS ON FRIDAY 18 MARCH 2022

- Archaeology and palaeosismology, in collaboration with Failles actives France (FACT) Group of the ATS-RESIF (Action Transverse Sismicité _ Réseau sismologique et géodésique français) Consortium
- 12 000 years of palaeonvironments and landscape archaeology in the Upper Rhine Graben and neighbouring regions

ORGANISATION

LABORATOIRE IMAGE VILLE ENVIRONNEMENT/UMR 7362, CNRS, UNIVERSITÉ DE STRASBOURG, ÉCOLE NATIONALE DU GÉNIE DE L'EAU ET DE L'ENVIRONNEMENT DE STRASBOURG

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Eileen Eckmeier — Institut für Ökosystemforschung, University of Kiel
Magali Fabre — Antea, UMR 7044 - Archimède, CNRS and University of Strasbourg

MORE INFORMATION COMING UP SOON!

01.09
Registration opens
Abstract submission opens

15.11
Deadline for abstract submission

01.12
Deadline for "early bird" registration (reduced fee)

15.12
Notification of abstract acceptance

01.01
Full program available

15.01
Registration ends

14-17.03
Conference

18.03
Workshop

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