AnthroFlor
SQS-sponsored International Symposium on the Anthropocene

Florence
8–10 September 2022

International Commission on Stratigraphy
Subcommission on Quaternary Stratigraphy
**SCIENTIFIC PROGRAMME**

**Aula Magna/Sala Strozzi, Florence, Italy - September 8–10, 2022.**

**Day 1: 8th September – Aula Magna**

9:15 – 9:45  Registration

9:45 – 9:55  Opening remarks (Adele Bertini)

9:55 – 10:20  Introduction and scope of meeting (Colin Waters, Simon Turner)

10:20 – 11:00  Introduction to the Anthropocene concept (Colin Waters)

11:00 – 11:30  Coffee break

11:30 – 12:30  Key markers in very-high-resolution stratigraphy (each 20 minutes presentations)
   a) Radionuclides (Andy Cundy*)
   b) Combustion products (Neil Rose*)
   c) Palaeontology of the Anthropocene (Mark Williams*)

12:30 – 13:00  Discussion

13:00 – 14:30  Lunch break

14:30 – 15:30  Visit to Natural History Museum – Geology and Paleontology collections (University of Florence) (guide: Andrea Savorelli, Curator)

15:30 – 17:10  Presentation of six GSSP candidate sites (each 15 minutes + 5 minutes questions)
   a) Beppu Bay  (Mich Kuwae*)
   b) East Gotland Basin (Jerome Kaiser* & Juliana Ivar do Sul*)
   c) Crawford Lake (Francine McCarthy)
   d) Sniezka peat (Barbara Fialkiewicz-Koziel)
   e) Flinders Reef and West Flower Garden Bank Reef (Kristine DeLong*)

17:10 – 17:40  Coffee break

17:40 – 17:55  Modification of fluvio-deltaic systems in the Anthropocene (Jaia Syvitski*)


(The Sala Strozzi with the posters will also be open to participants between 8:30 and 9:30 on 9 September and during the coffee breaks too)
**Day 2: 9th September – Aula Magna**

9:30 – 9:45 Recap and scope for the day (Jan Zalasiewicz*, Martin Head)

9:45 – 10:00 Evidence for, and implications of, the termination of the Holocene (Colin Waters)

10:00 – 10:15 Linking the Anthropocene with the Great Acceleration (Martin Head)

10:15 – 10:45 Discussion of previous talks

10:45 – 11:15 Coffee break

11:15 – 11:40 Evidence for early effects of *Homo sapiens* on terrestrial biodiversity (Guido Chelazzi)

11:40 – 12:05 Early transformations (Erle Ellis*)

12:05 – 12:30 The geological footprint of Pisa and Firenze: the flood hazard perspective (Marco Benvenuti)

12:30 – 14:00 Lunch break

14:00 – 15:00 Anthropocene as an ‘Event’ (15 minute presentations, one in favour of Gibbard et al. proposal Erle Ellis* and one by Colin Waters against, plus 30 minutes discussion)

15:00 – 15:15 Arguments against formalization (Speaker to be announced)

15:15 – 15:30 Arguments in favour of formalization (Jan Zalasiewicz*)

15:30 – 16:00 Coffee break

16:00 – 17:00 Open session, including specific themes to be explored based on responses to the first two days’ discussion (second part). Broad feedback and discussion about concerns/questions that SQS members may have about the concept of a formalized Anthropocene, the process being followed by the AWG, and subsequent developments (All involved)

17:00 – 17:30 Closing remarks (Colin Waters and Simon Turner)

17:30 – 19:00 Visit to Natural History Museum (University of Florence) - Botanical Garden (guided tour)
Day 3: 10th September – Excursion

9:00 – 12:00  A walk across the Roman, Middle Age and Renaissance Florence’s downtown (guide: Marco Benvenuti)

* Speakers online

Symposium ACCESS:
Free access but a pre-registration is required at both the following addresses: adele.bertini@unifi.it; anthroflor@gmail.com
Participation in guided tours is limited. The speakers will not need to book; for all the others the participation is subject to the availability established by the registration order.

• For In-Person Attendance: registration in front of the AULA MAGNA
• For Online Attendance: you will receive the link before the Conference

THE EVENT WILL BE BROADCASTED IN LIVE STREAMING (AULA MAGNA) ON 8 (9:45-13:00; 15:30-17:55) AND 9 (9:30-12:30; 14-17:30) SEPTEMBER 2022 AT:

https://www.unifi.it/webtv