

# AnthroFlor

*SQS-sponsored International Symposium on  
the Anthropocene*

Florence  
8–10  
September  
2022



Final Program\_01



**International Commission on Stratigraphy  
Subcommission on Quaternary Stratigraphy**



## SCIENTIFIC PROGRAMME

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

### Day 1: 8<sup>th</sup> 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\*)

**17:55 – 19:45 Poster presentations** (summaries led by Simon Turner) – **Sala Strozzi.**

(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)



AnthroFlor meeting, 8 – 10<sup>th</sup>, September 2022, Florence, Italy

## Day 2: 9<sup>th</sup> 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)



AnthroFlor meeting, 8 – 10<sup>th</sup>, September 2022, Florence, Italy

### Day 3: 10<sup>th</sup> September – Excursion

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

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**\* Speakers online**

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### Symposium ACCESS:

Free access but a **pre-registration** is required at both the following addresses: [adele.bertini@unifi.it](mailto:adele.bertini@unifi.it); [anthroflor@gmail.com](mailto: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>**