

TU Delft Climate Institute

Summer School on “Sea-level change: observations, processes and modelling”

Date: 28 August – 1 September 2017.

Venue: TU Delft campus, Delft, The Netherlands.

Programme (preliminary titles, coffee/tea breaks not listed)

Monday 28 August

9:00 – Introduction to the School and overview of sea level science (Riccardo Riva)

10:00 – The geological record I (Roland Gehrels)

11:00 – The geological record II (Roland Gehrels)

12:00 – The tide-gauge record I (Svetlana Jevrejeva)

13:00- Lunch

14:00 – The tide-gauge record II (Svetlana Jevrejeva)

15:00 – Student poster sessions

17:00 – End of activities

18:30 – Dinner

20:00 – Delft tour

Tuesday 29 August

9:00 – The Solid Earth contribution I (Wouter van der Wal)

10:00 – The Solid Earth contribution II (Wouter van der Wal)

11:00 – Vertical land motion I (Alvaro Santamaría)

12:00 – Vertical land motion II (Alvaro Santamaría)

13:00 – Lunch lecture about the Sand Motor (Sierd de Vries)

14:00 – Field trip to the Sand Motor (Sierd de Vries)

17:00 – Drinks and dinner at the beach

21:00 (indicative) – Return to Delft

Wednesday 30 August

- 9:00 – Glacier mass changes I (Ben Marzeion)
- 10:00 – Glacier mass changes II (Ben Marzeion)
- 11:00 – Ice sheet mass changes I (Tony Payne)
- 12:00 – Ice sheet mass changes II (Tony Payne)
- 13:00 – Lunch
- 14:00 - Computer exercises with an ice sheet model (Sarah Bradley)
- 17:00 – End of activities
- 18:30 – Dinner

Thursday 31 August

- 9:00 – Introduction to ocean dynamics I (Francisco Calafat)
- 10:00- Introduction to ocean dynamics II (Francisco Calafat)
- 11:00 – Satellite altimetry I (Marc Naeije)
- 12:00 – Satellite altimetry II (Marc Naeije)
- 13:00 – Lunch
- 14:00 – Computer exercises with the Broadview Radar Altimetry Toolbox (Marc Naeije)
- 17:00 – End of activities
- 18:30 – Dinner

Friday 1 September

- 9:00 – Global climate and sea level I (Anders Levermann)
- 10:00 – Global climate and sea level II (Anders Levermann)
- 11:00 – Global and regional sea level projections I (Aimée Slangen)
- 12:00 – Global and regional sea level projections II (Aimée Slangen)
- 13:00 – Lunch
- 14:00 – Workshop on climate science communication (Roy Meijer, TUD Comm. Office)
- 16:00 – School wrap-up (Riccardo Riva, Miren Vizcaino)
- 17:00 – End of activities

18:30 – Dinner