

GEOARCHAEOLOGICAL RECONSTRUCTION OF HOLOCENE COASTAL LANDSCAPES ALONG THE NORTH SEA

The [PROSPECT international thematic network](#), the [High Tide - Low Tide CRA](#) at Ghent University and the Bruges archaeological service [RAAKVLAK](#) are hosting an international workshop on the 'Geoarchaeological reconstruction of Holocene coastal landscapes along the North Sea' at the Groeningemuseum in Bruges, Belgium.

The event kicks off on 16/01/2023 with a welcome reception and guided tour of the exhibition and AR table *Bruges and the sea* in Bruges' City Hall. On 17/01/2023, a wide range of presentations will address innovative approaches for reconstructing (pre)historic coastal peat and tidal landscapes. During the last day of this workshop (18/01/2023), we organize practical training sessions during which we will share state-of-the-art practices in coring, describing, sampling and interpreting Holocene coastal sediment sequences.

Agentschap Onroerend Erfgoed The workshop qualifies as *verdiepende opleiding voor erkende archeologen*. Please, provide your recognition number if you're an archaeologist recognized by the Flemish heritage agency.

REGISTRATION: The number of participants is limited. To register, please purchase your tickets before 11 January via this link: [https://www.museabrugge.be/en/tickets raakvlak](https://www.museabrugge.be/en/tickets_raakvlak) (please mention your dietary requirements and/or *erkenningsnummer* in the remarks field during checkout.)

FEE: Entire workshop: €100
Tuesday 17/01/2023: €50 (max. 60 participants)
Wednesday 18/01/2023: €50 (max. 40 participants)
Students pay half price (€25/50 – bring your student card for verification)

FURTHER INFO & CONTACT: PROSPECT@UGent.be

WEB PAGE: https://www.prospect.ugent.be/workshop_geoarchaeological_reconstruction_coastal_landscapes

PRELIMINARY PROGRAMME:

MONDAY 16/01/2023

Opening reception and guided visit to the exhibition and AR table *Bruges and the sea*

LOCATION: City Hall – Gothic Hall (Burg 12, Bruges)

TIME: 17h-20h

TUESDAY 17/01/2023

LOCATION: Groeningemuseum – Vriendenzaal (Dijver 12, Bruges)

08.30-09.00 Registration and welcome

09.00-09.30 Peter Vos *Keynote: Paleolandscape and geoarchaeology of the Holocene coastal plain with particular focus on Zeeland (NL)*

09.35-09.55 Annelies Storme *et al.* *Peat as a window to the past: Synthesis of research into peat landscapes in the Eastern Belgian coastal plain*

10.00-10.20 Wim De Clercq *et al.* *Reviving Bruges' lost outer harbours. From survey and excavation to augmented and virtual reality*

10.25-10.45 Coralie André & Dante de Ruijsscher *The reconstruction of the palaeoenvironment at Aardenburg during the Roman period using pollen and diatoms*

10.50-11.20	Coffee break	
11.20-11.40	Marjolein Gouw-Bouman	<i>The challenges of and solutions for vegetation reconstructions in the coastal area using palynological, archaeological and landscape data</i>
11.45-12.05	Harm Jan Pierik	<i>Peat as a driver of coastal change: the evolution of the Old Rhine estuary</i>
12.10-12.35	Kay Koster	<i>3D modelling of Holocene peat in the Netherlands: applications in archaeology and beyond</i>
12.40-14.00	Lunch break with visit to the exhibition <i>Pieter Pourbus – Master of Maps</i>	
14.00-14.30	Annet Nieuwhof <i>et al.</i>	<i>Keynote: A miserable people? Human habitation in the coastal salt marsh landscape of the northern Netherlands from 600 BC.</i>
14.35-14.55	Roy Van Beek, Cindy Quik & Marjolein van der Linden	<i>Drowning landscapes revisited. Correlating peatland expansion, human habitation trends and vegetation dynamics in the Northwest European mainland</i>
15.00-15.20	Svea Mahlstedt, Martina Karle & Annette Siegmüller	<i>Mesolithic landscape prospection in Northwest Germany</i>
15.25-15.45	Dennis Wilken, Bente Sven Majchczack & Wolfgang Rabbel	<i>Geophysical and geoarchaeological prospection in North Frisia's tidal flats</i>
15.50-16.10	Samuel Desoutter, Mathieu Lançon <i>et al.</i>	<i>The reclamation process of the Denna tidal channel: First results of 900 hectares led-archaeology survey around Dunkirk (France)</i>
16.15-16.45	Coffee break	
16.45-17.05	Soetkin Vervust <i>et al.</i>	<i>Searching for the lost peninsula of Testerep: how integrated land-sea research is uncovering the evolution of the Belgian Middle Coast (5000 BP -present)</i>
17.10-17.30	Immo Trinks	<i>High-resolution underwater archaeological prospection using sonar measurements</i>
17.35-18.00	Plenary discussion and closing remarks	

WEDNESDAY 18/01/2023

LOCATION: Groeningemuseum – Vriendenzaal (Dijver 12, Bruges)

09.30-10.00	Jari Mikkelsen, Frieda Bogemans, Annelies Storme, Luc Allemeersch & Coralie André	<i>An introduction to sediment and soil description, paleo-ecological sampling and macroscopic peat description</i>
10.00-13.30	Frieda Bogemans, Annelies Storme, Jari Mikkelsen, Luc Allemeersch & Geosonda Environment n.v.	<i>Practical workshop in small groups: demonstration mechanical coring, pedological & sedimentological core description, macroscopic peat analysis, paleo-ecological and radiocarbon sampling</i>
13.30-15.00	Participants	<i>Group assignment: pedological & sedimentological core description, macroscopic peat analysis, paleo-ecological and radiocarbon sampling of a coastal or estuarine sequence</i>
15.00-16.00	Participants	<i>Short presentations of group assignment results</i>