

Pre-conference Field trips: **Field Trip 2**



Field Trip 2 **North Sea Intertidal Environments**

(3 days, Sept. 3 - 5, 2010)

Field Trip leaders: Dr. Joachim Schönfeld (IFM Geomar)

Participants of this field trip explore the geological evolution and sediment dynamics of the North Sea tidal flats and the foraminiferal faunal assemblages that have adapted to the various (micro-)habitats. The field trip area is located within the German National Park of the Wadden Sea (for details see the program below)

Costs:

The field trip fee is 290 € and includes all bus charter from Bonn, all entrance fees, and accommodation in double rooms with breakfast.

Programme:

Friday, 3rd September: travel to Kiel from Bonn by bus
(the bus will leave Bonn at 8:30 am).

16:00: meeting at IFM-GEOMAR, East, main entrance building 8, Wischhofstr. 1-3.

16:00 – 18:00: guided visit of IFM-GEOMAR, eastshore facilities with laboratories, core repository, and Technology and Logistics Centre. Autonomous and towed observation systems and sampling devices will be shown.

19:00 – 22:00: Dinner at "Alte Mühle" restaurant, Kiel (<http://www.altemuehle-kiel.de>).

Saturday, 4th September Excursion

9:00 Meeting at IFM-GEOMAR, East, main entrance. We will first travel to Tönning and we will have a guided visit of Multimar Wattforum to get an overview of the German National Park of the Wadden Sea. We will have our lunch at Multimaar Wattforum Cafeteria, and then we will proceed to Schobüll. Here we will meet with National Park rangers, proceed to natural saltmarshes and tidal flats, where we will traverse the floral successions on the old pier. We will examine the sedimentology and genesis of the mud flats with the opportunity to take micropaleontological samples. We will then proceed to Westerhever Lighthouse where we will demonstrate mixed and sand flats, the sedimentary structures of shore sands, and the morphology of sandy barriers and supratidal sands. The opportunity to take micropaleontological samples is given. Afterwards, we will head for Eider Barrier, where we will have a view over the Eider estuary and get an impression of the efforts of coastal management measures. Our last stop will be Lunden, NaTourCentrum, where we will have a walk through the park to Lundener Moor. We will traverse an ancient barrier island and dune fields. Afterwards, we will return to Kiel

21:00 Arrival at IFM-GEOMAR, East.

Sunday, 5th September travel to Bonn. Arrival in Bonn at around 15:00 p.m.

Participants:

The excursion will take place with 10 to 24 participants at maximum. The places will be filled on a first-come first-serve basis.

Accommodation:

We have reserved a limited number of single and double rooms from 3rd September (arrival) to 5th September (departure) at "Hotel am Segelhafen", Kiel (<http://www.am-segelhafen-hotel.com>). The hotel is in 3 minute walking distance to IFM-GEOMAR. Please make your bookings individually by using the contact details provided in the "FORAMS2010" website.

Information:

If you have any questions or need further information, please do not hesitate to contact Joachim Schoenfeld at IFM-GEOMAR, Kiel (jschoenfeld@ifm-geomar.de).

