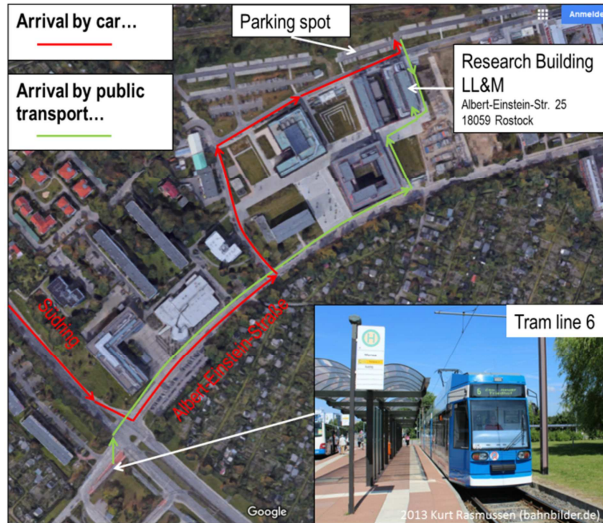


Journey description



Arrival by car:

Highway A 20, Exit 14 "Rostock-West" to B 103, direction Rostock-Warnemünde; Exit "Kritzow", direction Rostock; straight on from "Satower Straße" to "Südring", then Exit left into "Albert-Einstein-Straße".

Arrival by public transport:

Rostock Main Station, Tram line 6 direction "Mensa" until final destination "Mensa"

Contact

University of Rostock

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VENUE

LL&M RESEARCH CENTER

University of Rostock

Albert-Einstein-Straße 25
18059 Rostock
GERMANY

MultiDikes Workshop

Possibilities for the
Multifunctional Use of
Dikes

Rostock,
LL&M Research Center

10th May 2017



The MultiDikes preparatory project

Sea and river dikes are generally restricted to their primary function: flood protection. In addition to this main function, dikes and flood protection dams could serve other relevant functions depending on the location of the dike, such as commercial and residential development, infrastructure and transport, economic and agricultural use, intensive touristic use, use in the context of nature or landscape protection, urban development as well as active or passive use for energy production. Although such ideas are already subject of research and development, multiple functions are still difficult to implement. Research shows, that in contradiction to general concerns regarding multifunctionality, even positive effects may be triggered, for example an increase in structural stability, an improvement of sealing as well as sustainable prevention against overflow and overtopping due to a potential increase of the crest height.

To deal with the current knowledge deficit about the multifunctional use of dikes in Europe the preparatory project "MultiDikes"¹ was initiated. The project objective is the investigation of possibilities for multifunctional uses of dikes in Europe to finally prepare an international cooperation project, based on available knowledge from a recent EU project and Dutch research on multifunctional flood protection in general. Thereby a special attention is given to include different stakeholders from science, authorities and the private sector to discuss possibilities, assets and drawbacks. Furthermore, possibilities of national and international research/ cooperation funding shall be discussed. For this purpose the international MultiDikes workshop "Possibilities for the Multifunctional Use of Dikes" has been organized.

The workshop language is English.

¹ MultiDikes preparatory project, funded by BMBF; Project partner: University of Rostock (DE), Vilnius Gediminas Technical University and Aleksandras Stulginskis University (LTU), J.P.E. University in Usti Nad Labem (CZ), Gdansk University of Technology (PL), The Danish Coastal Authority (DK), DELTARES (NL)

Workshop Program

09:00 – 09:30 Arrival
 09:30 – 09:40 Welcome and Introduction
Prof. Fokke Saathoff, Prof. Rüdiger Köhling & Anne-Katrin Große, University of Rostock

Session 1 – Key projects and EU funding possibilities *Prof. Fokke Saathoff, University of Rostock*

09:40 – 10:10 "FloodProBE: Using levees (and other technologies) for the cost-effective flood protection of the built environment"
Dr. ing. Mark Morris, HR Wallingford

10:10 – 10:35 „Multifunctional dikes in the rural area: A sustainable adaption option with mutual benefits for safety and landscape and nature values"
Dr. ir. Jantsje M. van Loon-Steensma, Wageningen UR

10:35 – 11:00 "Possibilities for project funding in the EU"
Stephan Redlich, University of Rostock

11:00 – 11:30 *Coffee break*

Session 2 – European MultiDikes perspectives – Part 1 *Dr. hab. inz. Lech Balachowski, Gdansk University of Technology*

11:30 – 11:50 "MultiDikes – The project idea"
Anne-Katrin Große, University of Rostock

11:50 – 12:10 "Past experiences and possible future trends in the multifunctional use of existing dikes in Northern Italy"
Associate Prof. Laura Tonni, Alma Mater Studiorum Università di Bologna

12:10 – 12:30 "The way of using dikes in the Pomeranian Voivodeship area"
Dr. inz. Janusz Augustynowicz, Pomeranian Head of Melioration and Hydraulic Structures, Gdansk

12:30 – 13:30 *Lunch*

Session 3 – European MultiDikes perspectives – Part 2 *Anne-Katrin Große, University of Rostock*

13:30 – 13:50 „The development of shrubby willows on dikes and levees on the example of a ten-year-old test dike“
Manuel Sokopp, BOKU Wien

13:50 – 14:10 "The multifunctional use of dike in Kaunas Piliamiestis"
Prof. Raimondas Sadzevicius, Aleksandras Stulginskis University, Kaunas

14:10 – 14:30 *Discussion*

14:30 – 15:00 *Coffee break*

Session 4 - Workshop Program

Dr.-Ing. Stefan Cantre, University of Rostock

15:00 – 16:50 *Group work and further project preparation*

16:50 – 17:00 *Summing up and Closure*

Accommodation

Hotel rooms (single rooms) are reserved from 9th – 11th May 2017 for all registered project partners, speakers and invited experts. For these participants costs for the accommodation will be covered by the project.

All other participants please take care of their accommodation. Further information about good-value hotels can be provided by the project coordinator.

Registration and Fees

Registration is possible until 30th April 2017. No registration fee will apply.

Costs for the workshop including lunch and two coffee breaks will be covered by the project for all registered participants.