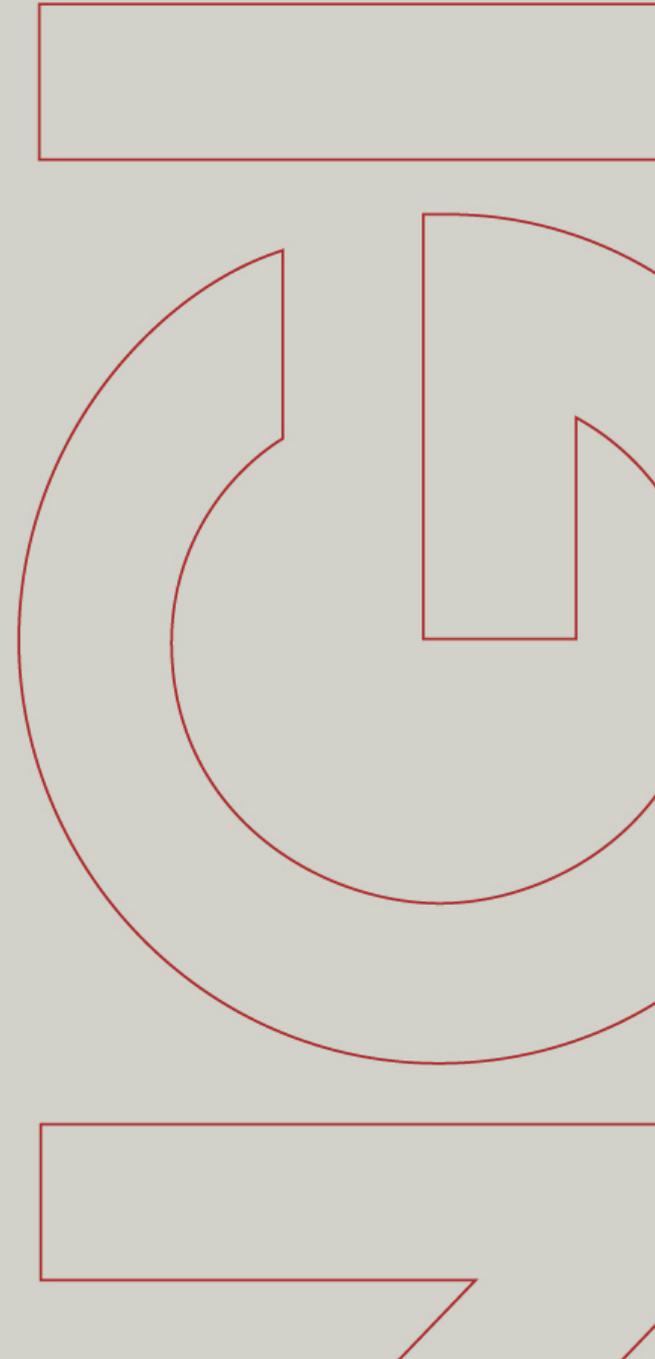


RAPSODI final workshop

@TU-BS, Braunschweig
March 5-6, 2015

CB Harbitz



Agenda Thursday

March 5th (Thursday)

- 9:00 Meeting at the lobby of the Best Western City-Hotel Braunschweig
- 9:00-9:30 Arrival at the Leichtweiß-Institute (transport arranged by TU-BS), refreshments
- 9:30-12:30 RAPSODI Meeting
- 9:30-10:00 Welcome by Prof. Kortenhaus/Dr. Strusinska-Correia, by Dr. Harbitz
Presentation of the workshop schedule, organizational issues
- 10:00-10:45 Presentation and discussion of deliverable D5, D6 and alternatively D1, D3, D4 in case of any changes made (METU)
- 10:45-11:30 Presentation and discussion of deliverable D2 (PARI)
- 11:30-11:45 Coffee break
- 11:45-12:30 Presentation and discussion of deliverable D7 (TU-BS)
- 12:30-13:45 Lunch at the canteen of the Braunschweig University of Technology (within walking distance of ca. 10 minutes)
- 13:45-17:00 Excursion to the Great Wave Flume at FZK in Hanover (http://www.fzk.uni-hannover.de/fzk_start.html?&L=1)
Transport by LWI cars ca. 1 hour one way / leaving to Hanover at 13:45 from the parking in front of the institute / leaving to Braunschweig at ca. 17:00
- 19:00-open end Dinner at restaurant "Zu den 4 Linden" (Address: Wiesenstrasse 5)



Agenda Friday

March 6th (Friday)

- 9:00 Meeting at the lobby of the Best Western City-Hotel Braunschweig
- 9:00-9:30 Arrival at the Leichtweiß-Institute (transport arranged by TU-BS), refreshments
- 9:30-12:00 RAPSODI Meeting
- 9:30-10:15 Presentation and discussion of deliverable D8 (NGI)
 - 10:15 -11:00 Presentation and discussion of deliverable D9 (PARI and TU-BS)
 - 11:00-11:15 Coffee break
 - 11:15-12:00 Discussion on future activities (e.g. deliverables D10 and D11)
- 12:00-13:30 Lunch at the canteen of the Braunschweig University of Technology (within walking distance of ca. 10 minutes)
- 13:30-15:00 Visit of the experimental facilities at the Leichtweiß-Institute
- 15:00-17:00 Guest lecture with discussion:
- Stefan Leschka (DHI-WASY): The influence of macro-roughness elements on the propagation of a bore over an initially dry bottom - Framework and first results
- 17:00-17:15 Closing of the workshop by Dr. Harbitz, Dr. Kortenhaus/Dr. Strusinska-Correia
- 19:00-open end Dinner at restaurant "Brodocz" (Address: Stephanstraße 2), walking distance from the hotel



Status Deliverables 1/3

D.1: Report on existing tools, data, and literature on tsunami impact, loads on structures, failure modes and vulnerability assessment (month 3, METU).

Revised. Contributions from NGI on storm surge/flooding defenses in NL pending.

D.2: Database on post-tsunami field surveys (run up, flow depth, flow velocities, fluxes), damages, and fatalities of the 2011 Tohoku tsunami (month 3, PARI).

Revised (uploaded to 'backup'), some new comments to be considered

D.3: Report on the comparison of coastal structures in Europe and Japan (month 6 METU).

Revised, some new comments to be considered

D.4: Report on comparison of mitigation strategies in Europe and Japan (month 12, METU).

Revised, some new comments to be considered



Status Deliverables 2/3

D.5: Report on computed tsunami parameter values in shallow waters and around structures (month 16, METU)

Work in progress, draft report uploaded

D.6: Report on numerical modelling of tsunamis in harbours and bays (month 18, METU)

Draft report uploaded

D.7: Report on results of the laboratory analysis and wave flume tests (month 16, TU-BS)

Draft report uploaded. One chapter should summarize the PARI experiments

D.8: Report on a GIS tsunami vulnerability and risk assessment model (month 20, NGI)

Work in progress. Report to be completed based on conclusions from D1 (matrix), D7?, lab experiments and final workshop discussions

D.9: Guidelines for design of structures and risk management strategies (month 22, PARI, TU-BS).

Draft from PARI in November, waiting for technical guideline of breakwaters in English
Contribution from TU-BS and others pending

Status Deliverables 3/3

D.10: Dissemination (workshops, exchange of researchers, joint publications, etc.)
(month 7-24, NGI)

On track

D.11: Documents for end-users, preferably web-based
(month 24, NGI)

All Deliverables and publications to be uploaded. Other documents?

Suggestions on how to link the Deliverables

D.2: Database on post-tsunami field surveys (run up, flow depth, flow velocities, fluxes), damages, and fatalities of the 2011 Tohoku tsunami (month 3, PARI).

Refer to D1, D3?, D4

D.7: Report on results of the laboratory analysis and wave flume tests (month 16, TU-BS)

Based on conclusions from D1 (failure matrix) and on design of Haydarpasa breakwater used at PARI. Also refer to D8 for use of the design?

D.8: Report on a GIS tsunami vulnerability and risk assessment model (month 20, NGI)

Based on conclusions from D1 (matrix), D7 lab experiments, and final workshop discussions. Incorporate mitigation structure (with caution – noted)? Urban roughness?

D.9: Guidelines for design of structures and risk management strategies (month 22, PARI, TU-BS)

Based on D1, D2, D3, D4, D5, D6, D7, D8?

Journal papers? Already 2; probably more from NGI+METU+PARI (?).

Overview paper summarizing RAPSODI insight?



Time schedule → July 2015

Completion of Deliverables – linking – when?

Financial situation? Other obstacles?

Third UN World Conference on Disaster Risk Reduction will be held in Sendai, Japan, from 14 to 18 March 2015
<http://wcdrr.org/conference/programme>

EGU General Assembly 2015, Vienna, Austria, from 12 to 17 April 2015
<http://www.egu2015.eu/>

4th International Tsunami Field Symposium, to be held on 23-27.03.2015 in Phuket, Thailand
<http://www.geo.sc.chula.ac.th/itfs2015/index.html>

