

GCE / Seminar: climate change and sustainable flood management, WS 2009/2010

Extend of the seminars: 12 teaching units in 4 sessions and

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1. Objective

Try to develop in teamwork the pieces of the jigsaw for a sustainable and balanced flood protection concept taking into account economic, ecologic and social demands. Develop a companying PR.

- part A: adaptation strategies – technical approach
- part B: adaptation strategies – "soft", natural approach and private precaution
- part C: project management (time management, budgeting), communication, raising awareness and presentation of the finale results

2. TopicsPart A: Adaptation strategies – technical approach

- A1: technical urban flood protection: Problems, prospects and consequences, as well seen from the perspective of public awareness of floods
- A2: Retention – keeping floods outside the city?: possible concept, prospects and consequences
- A3: Flood protection taking into account the requirements of the european water framework directive
- A4: Possible concept for flood protection as one essential contribution to the bavarian Garden Festival in the year 2016

Part B: Adaptation strategies – soft an ecological approach and private precaution

- B1: Renaturation of the river in the city – the city at the river: Combining flood protection, ecology and quality of life in the city

- B2: Private precautionary measures: Alone with floods or prospects? Create a possible concept.
- B3: Improvement of flood-forecasting linked with mobile temporary flood protection systems

Part C: Projectmanagement, communication and raising awareness

- C1: Raising awareness: How aware ist the urban public of problems linked to climate change and floods? Create a questionnaire, make a survey in Bayreuth and analyse it under the point of view of the other arranged topics
- C2: Developpe an accompanying communication concept taking into account topic C1

3. Schedule

Nr., Date and location	Extend (UE)	Topic	Tutor
1 8.5.12, 13:15 Uni BT	2	Introduction <ul style="list-style-type: none"> • Organisation, schedule • Opening prsentation • Topics, discussion 	Hr. Belau, WWA Hof
2 15.5.12, 13:15 Raum S70 (NW II) and in situ	4	Kick-off in situ <ul style="list-style-type: none"> • Introduction • Excursion 	Hr. Fischer, WWA Hof Hr. Belau, WWA Hof
3 31.5.12, 14:00 Raum S 011	3	Presentation of drafts, preparation of final presentation, discussion	Hr. Belau, WWA Hof
4 28.6.12, 15:00 Town hall of Bayreuth	3	Final presentation	NN, City of Bayreuth Hr. Strehler, WWA Hof Hr. Fischer, WWA Hof Hr. Belau, WWA Hof