

## Agriculture faculty – University of Hohenheim

### PhD study program – water for life

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| Guidelines | Seminar: Water – People – Agriculture (Modul 4907 – 810) | Date: February 2017 |
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The seminar “water – people - agriculture” is held in a bi-weekly modus with 7 sessions each semester. One session is 2 x 90 min. In order to fulfill the requirements to be graded the participants must at least visit 14 seminar sessions.

The grading for the participants of the seminar “water – people – agriculture” consists of

- a) the organization of one seminar session (2 x 90 min) and
- b) the preparation of a seminar paper afterwards.

Both parts count 50% to the final grade.

The participant will choose a seminar topic from a list of different themes offered at the WPA homepage. Alternative topic suggestions can be discussed with the module responsible persons. The topic should be related to water issues in a broad, integrated context and not focus on a case study or very specific aspects.

The topic presentation during the seminar should consider different didactical methods thereby promoting an interactive character of the seminar involving the participants.

The seminar paper (max. 10 pages, word document, without annex) should refer to the preparation and literature review of the topic as well as the results of the topic presentation and discussions during the seminar session. Please use the following structure to organize the seminar paper:

- 1) *Topic and introduction.* Including the motivation for the topic, define your focus and what you don't consider, mention the aims and objectives of your seminar.
- 2) *Review.* Prepare a literature review and *state of the art* of the topic.
- 3) *Materials and methods.* Describe how information were collected, how data were selected, how the topic was prepared and which didactical methods/media were chosen for the seminar session. Why are the methods used suitable to reach the aims of the seminar? Also give a brief plan (see table below) of the seminar session broken down into didactical units including unit, content and activities, media used and time spend.
- 4) *Discussion.* Reflection of the seminar. Knowledge gains of the group. Were the methods selected suitable and worked out well? What issues were discussed in the group? Please summarize the discussion results. What was the take home message?
- 5) *Conclusions.* ...from your seminar session.

- 6) Annex: please add references, homepages, your seminar ppt., pictures of the flip chart work, etc... (in digital form)

### Seminar session plan

Topic:

| Seminar unit /phase       | Content / activity  | Media used / social form   | time    |
|---------------------------|---|--|---------|
| Motivation / introduction | Brief description of the content and what is going to happen (e.g. expectations of the seminar group for topic X are collected) | e.g. movie, brain-storming, flip chart, group work, ppt. presentation, board, discussion, questions, worksheet, etc... | 10 min. |
| elaboration phase 1       | Participants read different papers and exchange opinions  | paper print outs and group discussion  | 20 min  |
| save results phase 1      | Key words pro / contra are collected  | Flip chart /board  | 10 min  |
| elaboration phase 2       | ...   | ...  | ...     |
| save results phase 2      | ...   | ...  | ...     |
| ...                       | ...   | ...  | ...     |
| Summary, conclusions      | ...   | ...  | ...     |