AE2223-I Scientific Writing
Assignment lecture 2 (week 3.6)
Literature Review

Deadline: Friday 9 March 2018, 23:59

Required content

1. Use articles provided by your tutor as a starting point. Additionally, try to find and read more relevant articles. (Useful advice: look in the reference lists of the articles provided by your tutor; these often contain other relevant sources you can then look up).

2. Define a research question for reading the articles: what is your focus? What do you want to learn from them? In most cases, you will want to learn about the state-of-the-art in your field of research. Reflect with your group on what it is that you want to find out exactly.
   Remember that the research question or purpose statement for your literature review is not equal to the research question of your project; the literature review is one of the steps you need to take in your research to be able to answer your project research question.

3. Develop a helicopter view on the content of the articles:
   - What is the main issue per article?
   - How can you combine the various main issues?
   - What approach to testing, data analysis or simulation do the articles show (theory, method)?
   - What are the differences in these approaches?
   - Which advantages or disadvantages can you see in these approaches?

4. Can you identify a 'scientific gap' in which your research is going to play a role? You should be able to connect the information gathered from the articles to your research in the project. You can use this scientific gap/problem later as a starting point in your scientific article.

Required format
The literature review **should not exceed 4 pages (app. 2000 words)**, *excluding* abstract and reference list. You *may* use the scientific article template on Brightspace, but that is not mandatory for this assignment. Use the following guidelines for writing articles:

1. Structure your text, using at least the following report elements:
   - Title, group number and group members
   - Abstract (max. 250 words)
   - Introduction
   - Sections and subsections showing the content elements: use a clear paragraph structure and make sure you refer to sources in the text
   - Conclusion
   - List of References

2. Make sure your abstract is informative and comprehensible on its own (without the rest of the article); it should contain in a concise manner:
   - background information and problem
   - purpose statement or research question
   - main conclusion(s).

3. Make sure your introduction contains the following elements:
   - background information and problem
   - purpose statement
   - brief overview of the review article's structure

4. Make sure you clearly link the conclusions to your purpose statement or research question

5. Make sure your references are correct, that in-text references correspond to the reference list and your reference list is complete.

6. Be concise and clear.

Handing in the assignment
Appoint one student per project group to hand in your Literature Review via Assignments on Brightspace.