**Course 1112**

**Integrated Water Management**

**November 2011**

**Monday November 7th**

Lector: Prof. dr. Toine Smits

Room: HG00.310 (08:30 – 12:30 h)

Room: HG00.308 (13:30 - 17:30 h)

*Contents:*

-Introduction to Integrated Water Management; objectives, learning goals, schedule of activities.

-Basic principles of river basins

-Mis-management of river basins; international examples.

-Lessons learned; Rhine river basin (Europe)

-Framework for strategic sustainable development

*Afternoon*

Self study peer reviewed articles.

**Tuesday November 8th**

Lector: Prof dr Toine Smits

Excursion to the Deltaworks

**Start: 7:15 a.m. !!!!** Departure in front of Huygens building (main entrance) with coach bus.

Arrival c. 10:00 a.m. Neeltje Jans (prov of Zeeland).

For detailed schedule see appendix “Provisional programme 8 November 2011”.

Return to Nijmegen Radboud University; Arrival Nijmegen c. 20:00 p.m

**Wednesday November 9th**

Lector: Irene Dankelman & Prof dr Toine Smits

Room: HG00.086 (08:30 – 15:30 h)

Room: HG00.137 (15:30 - 17:30 h)

*Contents*

-Gender aspects in water management

-Student’s assignment.

*Afternoon*

-Student’s presentation of results

**Thursday November 10th**

Lector: Prof dr Toine Smits

**a) Excursion to “Overdiepse Polder”**

**Start: 8:30** departure in front of Huygens building with coach bus.

Arrival c. 10:00 a.m. Overdiepse Polder

Coffee and explanation by mrs. Annemarie Hagenaars (Waterschap Brabantse Delta).

**b) Excursion to floating houses (Maasbommel)**

**c) Excursion to Plaat Ewijk**

(cyclic rejuvenation of floodplains; finding a solution for the nature-safety dilemma).

Arrival Nijmegen Radboud University c. 17:00 p.m.

**Friday November 11th**

Lector: Frans Klijn & Prof dr Toine Smits

Room: HG00.137 (08:30 – 12:30 h)

Room: LIN7 (13:30 - 17:30 h)

*Contents*

-Morning self study peer reviewed articles.

-Afternoon “Room for the River” lectures by dr. Frans Klijn (Deltares)

**Monday November 14th**

Lector: Dr Gertjan Geerling & Prof dr Toine Smits

Room: HG00.086 (08:30 – 10:30 h)

Room: HG00.023 (10:30 – 12:30 h)

Room: HG00.310 (13:30 - 17:30 h)

*Contents*

-Morning “Community based river basin management in the Philippines”.

-Afternoon: student’s assignment on Philippines case.

**Tuesday November 15th**

Lector: Prof dr Toine Smits

**Start: 8:30** departure in front of Huygens building with coach bus.

Excursion to Water Monitoring Center “Bimmen” (Netherlands-German border).

Afternoon

Room: HG00.310 (13:30 - 17:30 h)

*Contents*

Lectures; International challenges in river basin management:

Cases Mississippi (USA;), Yangtze & Yellow river basins (PRC).

**Wednesday November 16th**

Lector: Prof dr Toine Smits

Room: HG00.086 (08.30 – 09.30 h)

Room: HG00.310 (09:30 –12:30 h)
Room: LIN3 (13:30 – 17:30 h)

*Contents*

Lectures & assignment;

-Water Scarcity

-Water & War

**Thursday November 17th**

Lector: Dr Jan vd Molen & Prof dr Toine Smits

Room: HG00.307 (08:30 – 11:30 h)

Room: HG00.023 (11:30 – 12:30 h)

Room: HG00.086 (13:30 - 15:30 h)

*Contents*

Morning; Water Governance; case S-Africa (Lectures and assignment dr. Jan van der Molen.

Afternoon; Sustainable Development of River Delta’s (lecture Toine Smits)

**Friday November 18th**

Lector: Prof dr Toine Smits

**Exam**

Room: HG00.206 (13:30 – 16:30 h)