

"CONTAMINANTS HYDROGEOLOGY"
(EESD02 H3-S L01)

Instructor: Dr. Silvija Stefanovic

Lecture: Monday 10–1pm; HW214
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The Intent of the Course:

Natural hydrochemical processes; the use of major ions, minor ions, trace metals and environmental isotopes in studying the occurrence and nature of groundwater flow. Point and non-point sources of ground water contamination and the mechanisms of contaminant transport.

Prerequisite: At least 1 full credit in Environmental Science at the C-level.

Suggested Readings:

“Contaminant Hydrogeology”, C. W. Fetter, Thomas Boving, David Kremer, 2017, 3rd Edition, Waveland Press

Lecture Notes:

The lecture slides will be posted in *.pdf format on the Quercus. You will require Adobe Reader to open the files (available free of charge at www.adobe.com).

Course Email Policy:

Email is not an effective way of teaching and email inquiries regarding course materials will not be answered. Dr. Stefanovic will be available during designated in-person office hours to answer questions regarding course material. If you have questions, please see instructor during office hours – this time is for you so please do not hesitate to use it.

TA will also be available during the designated in-person office hours and will respond on the emails pertaining assignments.

Grading:

Assignments (3)	35% (10+15+10 %)
Seminar	15%
Seminar Attendance	3%
Final Examination:	47%

Assignments:

You will have three individual assignments during the term. You will be able to access the problem sheets on the Quercus at the times detailed below. More details on the assignments will be circulated during the term.

Topic

