

## " FUNDAMENTALS OF SITE REMEDIATION " (EESD15H3F L01)

Instructor: Dr. Silvija Stefanovic

Lecture: Friday 12:30pm; MW110  
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Intent of the course:

This course consists of a study of the ways in which hazardous organic and inorganic materials can be removed or attenuated in natural systems. The theory behind various technologies, with an emphasis on bioremediation techniques and their success in practice. An introduction to the unique challenges associated with the remediation of surface and ground water environments, soils, marine systems, and contaminated sediments.

y Alok Bhandari ... [et al.]. Reston, Va. :

American Society of Civil Engineers, c2007.

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Lecture notes:

The lecture slides will be posted in \*.pdf format on the Blackboard. You will require a PDF Reader to open the files (available free of charge [at www.adobe.com](http://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 office hours to answer questions regarding course material. If you have questions, then please see instructor during office hours. This time is for you ( )10(y)30(o)10(y)30(o)10(y)30(o)

Final Project Report:	15%
Final Project Presentation:	10%
Participation:	5%
Final Exam:	40%



Lecture topics:

1. Introduction, ground rules, expectations and course structure.  
What is contaminated site? Introduction to soil and groundwater remediation.
2. Basic soil and groundwater properties (ew)
3. Properties of Contaminants

Sept.2<sup>nd</sup>  
Sept.9<sup>th</sup>Sept.