

***"CLEANING UP OUR MESS: REMEDIATION OF TERRESTRIAL AND
AQUATIC ENVIRONMENTS"
(EESD15H3-F L01)***

Instructor: Dr. Silvija Stefanovic

Lecture: Friday 12–3pm; BV363

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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.

Prerequisite: Students must have successfully completed BGYA01H & BGYA02H &

11. *Biological method:* Biodegradation in pile, Composting, Land farming, Bioventing and biosparging
Biobarriers and biological screens.