

Term Paper Topics – CE421/521 Fall 2005

- 1-1 Lindsay Beamen, Use of human waste as fertilizer
- 2-1 Tom Bruton, Bioremediation of chlorinated solvent contamination
- 3-1 Iris Caldwell, Use of constructed wetlands to treat water
- 4-1 Aaron Carranza, Biodegradation of phenolic compounds
- 5-1 Jason Carroll, Wetlands treatment in petroleum industry
- 6-1 Nathan Casey, Use of chlorophyll degradation product as a marker for fecal contamination
- 7-1 Ed Engle, Multiple antibiotic resistance as a fecal contamination source identification method
- 8-1 Lidia Esteve, Composting of urban solid wastes
- 9-1 Shyam Goswami, Optimization of methane production from livestock waste
- 10-1 Melanie Hinnah, Treatment of hog wastes
- 11-1 Sarah Inman, Bioremediation of stormwater runoff
- 12-1 Xi Jiang, Application of constructed wetland for wastewater treatment
- 13-1 Bishnu Karki, Genetically modified organisms and future challenges
- 14-1 Alice Keene, Aerobic bioreactors for wastewater treatment
- 15-1 Ling Li, Biodegradation of perchlorate
- 16-1 Brent Mayhew, Impact of antibiotics on environmental systems
- 17-1 Rebekkah Nelson, Methane generation from anaerobic digesters: Considering different substrates
- 18-1 Jeremy Nichols, Microorganisms in Colorado mountain water
- 19-1 Julie Radziwon, Water reclamation and reuse
- 20-1 Katie Scharfe, Bioremediation of explosive contaminated soil using bioslurry techniques
- 21-1 Sankaran Sindhuja, Thermophilic treatment of wastewater
- 22-1 Stacy Souders, Leachate treatment
- 23-1 Fernando Trevino, Waste stabilization ponds for wastewater treatment, anaerobic ponds
- 24-1 Elke Vermoesen, In situ bioremediation of high nitrate concentration in shallow waters caused by non-point sources.
- 25-1 Casey Webb, Microbes and oil spills
- 26-1 Steven White, Waste treatment using wetlands
- 27-1 Bin Xie, Bioremediation of oil spills