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Contents:

Spring 2007 Schedule
Spring 2007 Courses
Brief Resume
Publications and Presentations
Research Interests

Spring 2007 Schedule

Dr. Margaret Lang

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-9:00	ENGR 333	E333 Lab	ENGR 333	#####	ENGR 333
9:00-10:00	#####	E333 Lab	#####	#####	#####
10:00-11:00	Office Hours	E333 Lab	Office Hours	Chairs Mtg	*****
11:00-12:00	Office Hours	#####	Office Hours	Chairs Mtg	*****
12:00-1:00	#####	Dept Mtg	#####	#####	#####
1:00-2:00	*****	#####	#####	Office Hours	#####
2:00-3:00	*****	#####	#####	Office Hours	#####
3:00-4:00	*****	#####	#####	#####	#####
4:00-5:00	*****	#####	*****	#####	#####

- indicates unavailable times

***** - hours available for appointments

If you can not attend scheduled office hours, contact me by phone or email for an appointment.

[Back to Contents](#)

Spring 2007 Courses

Course links provide the course lecture and lab schedule and reading assignments. Complete course syllabi and all supplemental materials are available on the course Moodle site.

- [*Engineering 333: Fluid Mechanics*](#)

[Back to Contents](#)

Brief Resume

Education

- B.S., Civil Engineering, University of Illinois at Urbana-Champaign, 1983.
- M.S. Environmental Engineering and Science, Stanford University, 1984.
- PhD, Environmental Engineering and Science, Stanford University, 1995.

Work Experience

- 2000-present Associate Professor, Environmental Resources Engineering, Humboldt State University, California
- 1995-'00 Assistant Professor, Environmental Resources Engineering, Humboldt State University, California
- 1989-'94 Research Assistant, Department of Civil Engineering, Stanford University, California
- 1985-'89 Engineer, Tetra Tech, Inc. Environmental Systems, Lafayette, California
- 1984-'85 Research and Development Engineer, Austgen-Biojet, Inc., San Francisco, California
- 1983-'84 Research Assistant, Department of Civil Engineering, Stanford University, California
- 1983 Engineer, Alaska Environmental Control Services, Anchorage, Alaska
- 1979-'83 Laboratory technician, University of Illinois at Urbana-Champaign

[Back to Contents](#)

Publications and Presentations

- "Monitoring Fish Passage at Culverts on Coastal Streams." Lang, M. M., M. Love, and B. Trush. American Fisheries Society-California/Nevada Division Annual Meeting. March 30 - April 1, 2000. Ventura, California.

- **"Incorporating Laboratory Experience and Service Learning into an Introductory Water Quality Course."** Lang, M. M. American Society for Engineering Education National Conference. Seattle, Washington, June 28 - July 1, 1998.
- **"Model Simulations in Support of Field Scale Design and Operation for Cometabolic Degradation."** Lang, M. M., Roberts, P. V., and Semprini, L. *Ground Water*. Vol 35(4). p.565. July/Aug 1997
- **"In situ bioremediation using a recirculation well."** Lang M. M., Semprini, L. and Roberts, P. V. (1993) *Proceedings of the ASCE Hydraulics Division Symposium*. San Francisco, California. July 25-30, 1993.
- **"Design and treatability study of in situ bioremediation of chlorinated aliphatics by methanotrophs at St. Joseph, Michigan."** Semprini, L., McCarty, P. L., Dolan, M., Lang, M., MacDonald, T., Bae, J., Kitanidis, P. In *Bioremediation of Hazardous Wastes*. (1992) EPA/600/R-92/126. 43-50.
- **"In-Situ Biotransformation of Carbon Tetrachloride Under Anoxic Conditions".** Semprini, L., Hopkins, G. D., Janssen, D. B., Lang, M. M., Roberts, P. V., and McCarty, P. L. U. S. Environmental Protection Agency technical report, US EPA Kerr Environmental Research Laboratory. (1991) EPA/2-90/060.
- **"Biotransformation of Carbon Tetrachloride in batch-exchanged laboratory soil columns under anoxic conditions."** Lang, M. M., Semprini, L., Roberts, P. V., McCarty, P. L., and Janssen, D. B.. *EOS, Transactions of the American Geophysical Union* 71(43), p. 1323, 1990. Presented at the Fall 1990 AGU Meeting, San Francisco, California.
- **"MYGRT Code Version 2.0: An IBM Code for Simulating Migration of Organic and Inorganic Chemicals in Groundwater".** Summers, K. V., Gherini, S. A., Lang, M. M., Unga, M. J., and Wilkinson, K. J. Electric Power Research Institute technical report. (1989) EPRI EN-6531.
- **"Future Effects of Long Term Sulfur Deposition on Surface Water Chemistry.** Church, M. R. et al. (1989) US EPA. Office of Research and Development, Corvallis, Oregon. Technical Report Nos. (1989) EPA/600/3-89/061a, 061b, 061c, 061d.

[Back to Contents](#)

Research Interests

- fish passage (Check out the [FishXing](#) page.)
- surface and groundwater hydrology
- contaminant transport
- water quality

[Back to Contents](#)

Some useful HSU sites:

- [ERE Homepage](#)

- [HSU Homepage](#)
- [Library/Media Services](#)
- [Computing and Telecommunications Services](#)
- [HUG Help Desk](#)

This page is maintained by Margaret Lang.
Last Updated: *August 16, 2005*

From: Margaret Lang <mm11@humboldt.edu>
To: Gerald Bowes <gbowes@waterboards.ca.gov>
Date: 8/28/07 11:36:36 AM
Subject: Re: Conflict of Interest Disclosure Form Related to Proposed Instream Flows Policy

Dr. Bowes-

Thank you for the update, I was wondering about the proposal. I have not recently updated my CV but as you noticed it is time to. I will send an updated CV version soon.

As for significant additions to the information I provided in May, I have added two externally funded projects:

- 1) Updating Part VII of the California Dept. of Fish and Game's California Salmonid Restoration Manual to reflect current practice and design methods for culvert retrofits to improve fish passage. This work is being funded through a grant issued by the Pacific Coast Fish, Wildlife and Wetlands Association.
- 2) Evaluating the impacts of daily peaking flows on fish habitat and populations in the Green River below Flaming Gorge Dam. This work is for the Western Area Power Administration and is funded through Argonne National Laboratories. My responsibility is field measurements and hydraulic modeling.

I am on sabbatical this academic year and have plans to spend several 4-5 week periods with different research groups in the US and elsewhere. However, I should remain in email contact.

Best regards,
Margaret

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