

## Faculty - Dennis B. McLaughlin

### Faculty

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### Dennis B. McLaughlin

H.M. King Bhumibol Professor

MIT  
Parsons Laboratory  
Room 48-327/329  
15 Vassar Street  
Cambridge, MA 02139

Telephone: 617.253.7176

Email: [dennism@mit.edu](mailto:dennism@mit.edu)

Research Website: <http://web.mit.edu/dennism/www/>

Assistant: James M. Long / [jmlong@mit.edu](mailto:jmlong@mit.edu)

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### Education

- B.S.E.E. 1966, Purdue University
- M.S.E. 1967, Princeton University
- Ph.D. 1985, Princeton University

### Research Interests

- Estimation and control, data assimilation
- Surface and groundwater hydrology
- Water resources systems

### Teaching Interests

- Ecology II: Engineering for Sustainability
- Water Resource Systems

### Selected Publications

1. Moore, S. and D. McLaughlin, Design of field experiments to determine the ecological effects of petroleum in intertidal ecosystems", *Water Resources Research*, 12(12), 1091-1099, 1978.
2. McLaughlin, D. and W. Johnson, Comparison of three groundwater modeling studies, *ASCE Journal of Water Resources Planning and Management*, 113(3), 405-421, 1987.
3. Moughamian, M., D. McLaughlin, and R.L. Bras, Estimation of flood frequency: A comparison of physically based procedures, *Water Resources Research*, 23(7), 1309-1319, 1987.
4. McLaughlin, D. and E.F. Wood, A distributed parameter approach for evaluating the accuracy of groundwater predictions, 1. Theory, *Water Resources Research*, 24(7), 1037-1047, 1988

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