

CURRICULUM VITAE

Chet A. Rock
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Orono, ME 04473

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EMPLOYMENT EXPERIENCE

Associate Dean

College of Engineering, University of Maine, Orono, ME
July 1999 to Present

Department Chair

Department of Civil and Environmental Engineering, University of Maine,
Orono, ME (7/89 -6/90 and 7/91 - 12/96)

Department of Civil and Environmental Engineering (8/79-present)

Environmental Engineer

Washington State Department of Ecology, Olympia, WA (5/74 - 8/79)

Environmental Engineer

Environmental Sanitation Program, U.S. PHS, Cincinnati, OH (2/68 - 5/70)

EDUCATION

University of Washington, Seattle, WA: Ph.D., Department of Civil
Engineering: Dissertation Title "The Rate of Eutrophication and Its
Relationship to Nutrient Income Change," 1974

Stanford University, Stanford, CA: MSCE (Environmental), 1971

Washington State University, Pullman, WA: BSCE, 1968

RELEVANT PUBLICATIONS

Rock, C. A. and J. Boyer. 1996. Influence of Design on Septic Tank Effluent Quality, pp. 45-62. In Seabloom (ed), Proceedings of the 8th NW Onsite Wastewater Treatment Short Course, Seattle, WA

Boyer, J. and C. A. Rock. 1993. Performance of Septic Tanks, Insights, 1 (2): 9-16.

Boyer, J. and C. A. Rock. 1992. Performance of Septic Tanks, pp. 36-50. In Seabloom (ed), Proceedings of the 7th NW Onsite Wastewater Treatment Shortcourse, Seattle, WA

Rock, C. A., S. Irrinki, and P. S. Pinkham. 1992. Elimination of Groundwater Contamination by Septic Tank Effluent. In Bogardi (Ed), Nitrate Contamination: Exposure, Consequence, and Control, Springer-Verlag, Berlin.

Rock, C. A. and P. S. Pinkham. 1987. Development of an artificial drainfield to enhance onsite nitrogen removal, pp. 277-289. In Waller, D. H. and A. R. Townshend (eds.), *Appropriate Wastewater Management Technologies for Rural Areas Under Adverse Conditions*, Tech Press, Halifax, N.S.

McLellan, J.K. and C.A. Rock. 1986. The application of peat in environmental pollution control: A review. *J Int. Peat Society* 1(1):1-14.

Brooks, J.L., C.A. Rock, and R.A. Struchtemeyer. 1984. The use of peat for onsite wastewater treatment. II. Field studies. *J. Env. Qual.* 13 (4): 524-530.

Rock, C.A., J.L. Brooks, S.A. Bradeen, and R.A. Struchtemeyer. 1984. The use of peat for onsite wastewater treatment. I. Laboratory evaluation. *J. Env. Qual.* 13 (4): 518-523.

RELEVANT PRESENTATIONS

Influence of Design on Septic Tank Effluent Quality. Invited presentation at the 8th Northwest Onsite Wastewater Treatment Short Course, Seattle, WA , September, 1995.

Septic Tank Project Status Report. Invited presentation at the National Precast Concrete Association Annual Meeting, San Diego, CA, February, 1995.

Performance of Septic Tanks. Invited presentation at the 7th Northwest Onsite Wastewater Treatment Shortcourse, Seattle, WA , September, 1992.

The Influence of Septic Tank Design on Effluent Quality. Invited presentation at the National Precast Concrete Association Annual Meeting, San Antonio, Texas, February 1991.

Elimination of Groundwater Contamination by Septic Tank Effluent. Presented at NATO Advanced Research Workshop Nitrate Contamination: Exposure, Consequence, and Control, Lincoln, Nebraska, September 1990.

Development of Artificial Drainfields. Invited presentation at Workshop on Appropriate Environmental Engineering Technologies for Rural Areas Under Adverse Conditions, Halifax, Nova Scotia, October 1986.

Feasibility of sphagnum peat to treat septic tank effluent. Poster presented at the Seventh International Peat Congress, Dublin, Ireland, June, 1984.

Experimentation with peat for wastewater treatment. Presented at Maine Association of Site Evaluators Workshop, Augusta, ME, December, 1983.

The utilization of peat in onsite wastewater disposal systems: Interim project report. Presented at 1982 Research Grant Seminar in Environmental Engineering and Pollution Control Processes, Southern Pines, NC, July, 1982.

Treatment of septic tank effluent in a peat bed. Presented at Third National Symposium on Individual and Small Community Sewage Treatment, Chicago, IL, December, 1981.

MEMBERSHIPS

American Society of Civil Engineers (ASCE)

American Society of Engineering Education (ASEE)

Association of Environmental Engineering and Science Professors (ASEESP)
Tau Beta Pi and Chi Epsilon (Engineering Honor Societies)

PROFESSIONAL ACTIVITIES

Licensed Professional Civil Engineer (Maine License Number 4148)

ACEC/Maine

Board of Directors (2006-present)

AEEP

Board of Directors (1995-1998)

Co-Chair, Organizing Committee, National Environmental Engineering Education
Conference (1995-96)

Newsletter Editor (1991-96)

ASCE

Delegate, Department Heads Council (1991-93)

New England Council Delegate (1987-89)

President, Maine Section (1986-87)

President Elect and Public Relations Chairman, Maine Section (1985-86)

Vice President and Program Chairman, Maine Section (1984-85)

Environmental & Energy Technology Council of Maine (E2Tech)

Board of Directors (2000-present)

Maine Engineering Promotion Council

Board of Directors (1999-present)