

PROMOTION RECOMMENDATION

May 17, 2007

The University of Michigan
School of Natural Resources and Environment

Michael R. Moore, associate professor of environmental economics, with tenure, School of Natural Resources and Environment, is recommended for promotion to professor of environmental economics, with tenure, School of Natural Resources and Environment.

Academic Degrees:

Ph.D.	1986	University of Michigan, Natural Resource Economics, Ann Arbor
B.A.	1977	University of Colorado, Economics, Boulder

Professional Record:

2001 to present	Associate Professor, with tenure, School of Natural Resources and Environment, University of Michigan
1996 to 2001	Associate Professor, without tenure, School of Natural Resources and Environment, University of Michigan
1995	Team Leader, Water and Wildlife Resource Economics Team, Economic Research Services (ERS), U.S. Department of Agriculture
1993	Acting Branch Chief, Water Branch, ERS, U.S. Department of Agriculture
1993 to 1994	Section Leader, Western Water Policy Section, ERS, U.S. Department of Agriculture
1990 to 1992	Section Leader, Water Supply and Demand Section, ERS, U.S. Department of Agriculture
1986 to 1990	Natural Resource Economist, Water Supply and Demand Section, ERS, U.S. Department of Agriculture
1983 to 1986	Lecturer, Water Resource Economics, School of Natural Resources and Environment, University of Michigan

Summary of Evaluation:

Teaching -- Dr. Michael Moore is known to be a dedicated teacher who truly cares about his students and devotes time to their academic development. In the classroom Dr. Moore creates a supportive environment that provides encouragement and confidence to students. Dr. Moore teaches two economic courses in the School of Natural Resources and Environment, one of which is cross-listed with Economics. Evaluations from his students show consistent improvement over the years and his median scores tend to be higher than similar courses in other units (Public Policy and Economics). Dr. Moore excels as a mentor to graduate students. His style seems to strike the perfect balance between guiding students through the process of finding a research question and allowing them to develop their own ideas. The best evidence of Dr. Moore's outstanding mentoring skills is the success of his former graduate students, some of whom have tenure-track positions in excellent universities and are beginning to develop their own reputation in the field of resource economics.

Research -- Dr. Moore is widely recognized as one of the top water resource economists in the U.S. His research skillfully combines theory, empirical work and policy analysis, resulting in a body of work that is "intellectually rigorous and practically relevant" (Select Committee). After joining the faculty in SNRE, Dr. Moore expanded his research on water resource economics to the economics of relicensing of hydropower dams, the economic valuation of ecosystems goods and services, and more recently, to green markets. These works have been published in the premier journals of environmental economics and have been praised as solid combination of

theoretical and empirical research with important practical and policy implications (Reviewers and Select Committee). Dr. Moore's scholarly output, although not voluminous, has been constant and has been recognized as insightful, innovative, important, and of very high quality. Dr. Moore's impact in the field of water resource economics cannot be overstated. His work has been described as "seminal" and "classic." Throughout his tenure in SNRE Dr. Moore has demonstrated the ability to secure extramural funding for his research and that of his students.

Recent Significant Publications:

- Moore, M.R., and A. Dinar, "Water and Land as Quantity-Rationed Inputs in California Agriculture: Empirical Tests and Water Policy Implications," *Land Economics*, Vol. 71 (November 1995), p. 445-461.
- Aillery, M., M.R. Moore, M. Weinberg, G. Schaible, and N. Gollehon, "Salmon Recovery in the Columbia River Basin: Analysis of Measures Affecting Agriculture," *Marine Resource Economics*, Vol. 14, No. 1 (Spring 1999), p. 15-40.
- Moore, M.R., "Estimating Irrigators' Ability-to-Pay for Reclamation Water," *Land Economics*, Vol. 75, No. 4 (November 1999), p. 562-578.
- Moore, M.R., N.R. Gollehon, and D. Hellerstein, "Estimating Producer's Surplus with the Censored Regression Model: An Application to Producers Affected by Columbia River Basin Salmon Recovery," *Journal of Agricultural and Resource Economics*, Vol. 25, No. 2 (December 2000), p. 325-346.
- Moore, M.R., E.B. Maclin, and D.W. Kershner, "Testing Theories of Agency Behavior: Evidence from Hydropower Relicensing Decisions of the Federal Energy Regulatory Commission," *Land Economics*, Vol. 77, No. 3 (August 2001), p. 423-442.
- Clark, C.F., M.J. Kotchen, and M.R. Moore, "Internal and External Influences on Pro-Environmental Behavior: Participation in a Green Electricity Program," *Journal of Environmental Psychology*, Vol. 23, No. 3 (September 2003), p. 237-246.
- Holland, S.P. and M.R. Moore, "Cadillac Desert Revisited: Property Rights, Public Policy, and Water-Resource Depletion," *Journal of Environmental Economics and Management*, Vol. 46, No. 1 (July 2003), p. 131-155.
- Kotchen, M.J. and M.R. Moore, "Private Provision of Environmental Public Goods: Household Participation in Green Electricity Programs," *Journal of Environmental Economics and Management*, Vol. 82, No. 3 (August 2006), p. 384-403.
- Kotchen, M.J., M.R. Moore, F. Lupi, and E. Rutherford, "Environmental Constraints on Hydropower: An Ex-Post Benefit-Cost Analysis of Dam Relicensing in Michigan," *Land Economics*, Vol. 53, No. 1 (January 2007), p. 1-16.

Service -- Dr. Moore has been a good citizen in SNRE, the University of Michigan and the academic community at large. One of his main contributions to service has been his role in the establishment of a dual degree program between SNRE and Economics (LSA). Within SNRE Dr. Moore has served on several committees. Dr. Moore serves these committees in a conscientious and collegial manner. At the professional level Dr. Moore has been an active member of the community contributing editorial services to two journals and reviewing promotional packages for several faculty members at other institutions.

External Reviewers:

Reviewer (A)

"I would characterize Michael Moore's research as applied and rigorous. ...This combination of applied and rigorous is not common. Professor Moore's research brings it to perfection."

Reviewer (B)

"The quality of his scholarship is excellent. He uses sound theories and methods to address important issues in water and other resource areas."

Reviewer (C)

"This research record shows that Dr. Moore has established a distinguished research program that has a coherent logic and approach, without losing the empirical policy motivation for the research. ...The rate of publication is slightly below my expectations, but is offset by the quality and originality of the papers."

Reviewer (D)

"He has become a well recognized world leader on the interface between agriculture and water. ...I fully expect him to remain an active researcher for years to come and a faculty member that is going to increase the prestige of the School over the years."

Reviewer (E)

"I believe the record is clear that he will continue to show creativity and initiative in his research - --whether on his own or in conjunction with others. ...His work with which I am familiar is insightful and original, and he brings national visibility to your program."

Reviewer (F)

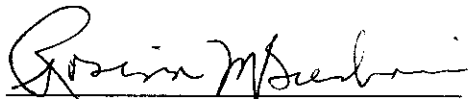
"...'Water and Land...' is definitely a classic...This paper is a great example of the need to take a more comprehensive and systematic approach to modeling more complicated policy issues, especially in addressing water policy. ...'Cadillac Desert...' only with such insightful policy efforts as Professor Moore has contributed will we move in the direction of more efficient water policy with both important private and social benefits."

Reviewer (G)

"...Professor Moore ranks among the top of his peers in water, resource, and environmental economics. ...His work on the economic dynamics of surface and ground water exploitation remains among the best analytical work done in water economics. ...I have no doubt that Professor Moore will continue to be highly productive."

Summary of Recommendation:

Dr. Moore is a highly accomplished researcher, teacher and mentor who has made his strongest mark on the area of water resource economics. His scholarly work is rigorous, innovative and relevant to a variety of environmental policy issues. Dr. Moore has excelled in his mentoring of PhD students, whom he guides, encourages, and stimulates to excel. Throughout his 10-year tenure at the University of Michigan Dr. Moore has consistently contribute to the teaching, research and service mission of the School and the University. It is with the support of the Promotion and Tenure Committee and the Executive Committee that I recommend him for promotion to professor of environmental economics, with tenure, School of Natural Resources and Environment.



Rosina M. Bierbaum
Dean, School of Natural Resources and Environment

May 2007