

## PROMOTION RECOMMENDATION

The University of Michigan  
School of Natural Resources and Environment

Maria Carmen Lemos, Assistant Professor of Natural Resources and Environment, School of Natural Resources and Environment, is recommended for promotion to Associate Professor of Natural Resources and Environment, with tenure, School of Natural Resources and Environment.

### Academic Degrees:

1995 Ph.D., Political Science, MIT  
1990 M.Sc. Political Science, Massachusetts Institute of Technology, MIT  
1980 B.S., Economics, Universidade Federal de Juiz de Flora – UFJF

### Professional Record:

2002-present Assistant Professor of Natural Resources and Environment, U. Michigan  
2003-present Faculty Associate, Program of the Environment, U. Michigan  
2001-2002 Assistant Professor of Latin American Studies, U. Arizona  
2000 Senior Policy Scholar, U. Arizona  
1995-2000 Visiting Scholar, U. Arizona  
1999-2001 Faculty Fellow, Global Environmental Assessment Project, Kennedy School of Government, Harvard University  
1998 Visiting Professor, Columbia University Biosphere II Earth Semester

### Summary of Evaluation:

Teaching – Professor Lemos’s teaching focuses on environmental policy and development in less-developed nations. Her courses add important new dimensions. She exhibits a strong capacity to work together with colleagues in developing courses, but also is able to craft high quality pedagogic offerings by herself. She is currently engaged in the development of the Integrated Problem Solving (IPS) course for the SNRE core curriculum, which is certain to be a large lecture class. Her courses taught in 2004 and 2005 consistently score in the top quartile or top half. In addition to her formal teaching, Professor Lemos has come to excel in mentoring Masters’ and Ph.D. students. She is serving or has served as the chair of the Ph.D. committees of three students, and is a member of the Ph.D. committee for six students. In the Masters’ program, she has advised or is advising 11 students as chair or co-chair of thesis committee, and two students as a member of the committee.

Research - Professor Lemos’s research examines the relationship between science and policy, especially the role of scientific and technical knowledge in shaping both public policy and public processes. Her research in these fields is relevant to a large constituency both within and outside the U.S. The gravity and significance of her research goes beyond the clarification of an abstract relationship between science and policy making. For example, since arriving at the University of Michigan in September 2002, Professor Lemos has published (including forthcoming articles) eight peer-reviewed journal articles and four additional papers in other outlets. She is clearly a productive scholar. Professor Lemos has been exceptionally successful in obtaining extramural support for her research program. In the past three years, she has raised more than \$1.25 million in grants for which she serves as PI or Co-PI. Almost all her grants have been from national agencies such as NOAA, NIH, and NSF. Her record is exceptional for a social scientist at such an early stage.

### Recent and Significant Publications:

- Eakin, H. and M.C. Lemos. 2006. Adaptation and the state: Latin America and The challenge of capacity-building under globalization. *Global Environmental Change*, vol. 16, no. 1, pp. 7-18.
- Lemos, M. C., and B. Morehouse. 2005. The co-production of science and policy in integrated climate assessments. *Global Environmental Change* 15(1): 57-68.
- Lemos, M. C., and J. L. F. Oliveira. 2004. Can water reform survive politics? Institutional change and river basement management in Ceara, Northeast Brazil. *World Development* (32)12: 2121-2137.
- Lemos, M. C. 2003. A tale of two policies: The politics of seasonal climate forecast use in Ceara, Brazil. *Policy Sciences* 32(2): 101-123.
- Lemos, M. C., T. Finan, R. Fox, D. Nelson, and J. Tucker. 2002. The use of seasonal climate forecasting in policy making: Lessons from Northeast Brazil. *Climatic Change* 55(4): 479-507.
- Lemos, M. C. 1998. The politics of pollution control in Brazil: State actors and social movements cleaning up Cubatao. *World Development* 26(1): 75-87.

Service – Since coming to the University of Michigan, Professor Lemos has contributed service in SNRE, in other UM units, and in the University-wide context, as well as nationally. Within the University of Michigan, Professor Lemos has served on the Life Sciences Values and Society Program Advisory Board, and the Faculty Senate. She has served on committees in units other than SNRE, reflecting her interdisciplinary expertise: the FLAS (Foreign Language and Area Studies) Scholarship Committee, the LACS (Latin American and Caribbean Studies) Summer Research Grants, Fulbright Interview Committee, and the International Institute's Travel Award for Masters' students. Within SNRE, she has been very active in working on the Global Climate Change theme. Nationally, she serves as reviewer on peer-reviewed journals such as *World Development*, *Climatic Change*, *Journal of Environment and Development*, and the *Journal of Policy Studies*. She has reviewed proposals to NOAA, UN Environmental Program, and NSF. She has served on review panels for both NSF and NOAA and served on the advisory board of the environmental section of the Latin American Studies Association. She regularly gives invited papers in national and international meetings.

### External Reviewers:

#### Reviewer (A)

"Lemos' grants and contracts record is dazzling, and reflects her strongly interdisciplinary work."  
"All indications point to the conclusion that Maria Carmen Lemos will be an increasingly visible important scholar in the interdisciplinary study of environmental policymaking in Brazil and beyond."

#### Reviewer (B)

"Maria Carmen Lemos is a leading figure in the field of science and international environmental policy."  
"Maria Carmen Lemos' work on decentralization and watershed management in Brazil has placed her at the forefront of international water scholars."

#### Reviewer (C)

"Dr. Lemos' work on water issues in N.E. Brazil is both cutting edge scholarship and useful templates for policy action...this dual-use quality of her work distinguishes her from virtually all in the field."

#### Reviewer (D)

"Dr. Lemos has achieved a remarkable balance, depth and diversity in her academic career. She has strong academic contributions in the areas of science-policy, global environmental change, water resources, and environmental policy in Latin America."

"Dr. Lemos has become a leading scholar in the study of the science-policy interface in Brazil. Her publications on this topic highlight the need for multidimensional approaches to address these complex issues."

Reviewer (E)

"The quality and nature of her publications are of the highest quality. She develops theoretical and applied knowledge in her scholarly work and she has contributed to important advances in our understanding of how climate information is used by society and how it could be done better."

"I judge her to be among the top few, if not at the top, of the social scientists working on regional climate and policy in her cohort."

Reviewer (F)

"have for nearly a decade now found her research extremely important, insightful, and innovative."

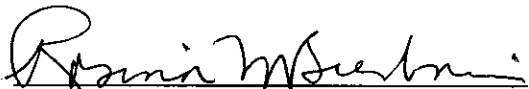
"Maria Carmen's work through a decade has gained her substantial respect and recognition in the field of political science and environmental management."

Reviewer (G)

"Maria Carmen Lemos' work is already well known and well respected among scholars of Latin American environmental policy. I believe very strongly that she is only just coming into her own, and that her reputation and research are likely to grow significantly over the next five years."

Summary of Recommendation:

Professor Lemos is an innovative and productive scholar specializing in the interactions of scientific information and policy, with particular reference to environmental policy and development in less-developed nations. Her work is beginning to garner both national and international attention. Her teaching adds great value to SNRE's international offerings. She contributes service at the School, University, and national/international levels. It is with the support of the Promotion and Tenure Committee that I recommend her for promotion to Associate Professor of Natural Resources and Environment, with tenure.



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

May 2006