

Polycentric Circles

Indiana University, 513 North Park
Bloomington, IN 47408-3895

phone: 812.855.0441
fax: 812.855.3150

workshop@indiana.edu
http://www.indiana.edu/~workshop

Co-directors: Elinor Ostrom & Amos Sawyer
Founding director: Vincent Ostrom



Assistant director & editor: Jacqui Bauer
Layout & design: Patty Lezotte

Reintroducing the Theories of Vincent Ostrom

Following in part from the conference in honor of Vincent Ostrom held in May/June 2006, and in part from the extensive archiving work done by Visiting Scholar and Workshop alumni Barbara Allen over the past year, two of the foundational works behind the Workshop's research will be re-published in the coming year.

The first book will be a third edition of Vincent Ostrom's *The Intellectual Crisis in American Public Administration* (University of Alabama Press, 2007), first published in 1973 as a series of five lectures given at the University of Alabama. This



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foundational work challenged the widely held belief in public administration and political science that increased centralization in government implied increased efficiency. Such ideas, Vincent indicated, reflected a basic misunderstanding of the foundations of American federalism and an acceptance of dogmas of centralization that had gained increasing currency since the late nineteenth century. This way of thinking was codified by Woodrow Wilson in his *Constitutional Government in the United States*, published in 1908.

Vincent Ostrom challenged Wilson's main proposition—that the point of political science and public administration studies is to locate (or establish) the center of power and set policy from a vantage point that allowed maximum opportunity to assert command and control. In countering the majority who held such views, Vincent showed how the “characteristics of fragmentation of authority and overlapping jurisdictions are essential attributes of constitutional rule and of a federal system of government.” Although Wilson's view of the world was accepted as “intuitively obvious,” Vincent wryly observed that, at one point in human history, the “rising” and “setting” of the sun as it rotates around the earth, too, seemed “intuitively obvious.” It is only over time, he pointed out, “that a counterintuitive explanation about the earth spinning in daily rotation and orbiting around the sun in an annual ellipse has been accepted as a plausible explanation.”

Vincent distinguishes between “democratic”—or, in Wilson's terms, fragmented

and ineffective—and “bureaucratic”—or highly centralized and hierarchical—administration, and argues that the framers of the U.S. Constitution deliberately designed the country as the former and not the latter. Here, he presents the concepts of polycentricity and presages central claims that would be more fully developed in later works, including his contention that “democracy” must be defined in terms of “self-government”: citizens who call upon the “art and science of association” to address many shared concerns directly in an open public realm. The work aims to move the field of public administration from its primarily reactive preoccupation with problems and policy responses toward inquiries that contemplate the theoretical foundations of governance. In short, he hoped to engage other students of public administration in a discussion of the constitutional choices that lay a foundation for subsequent “administrative” decisions, many of which might be “managed” by public entrepreneurs, citizens, and officials who addressed problems in polycentric rather than bureaucratic arenas of choice.

The Watergate Crisis and several U.S. Supreme Court decisions, which effectively consolidated administrative authority in an increasingly centralized executive bureaucracy, prompted Vincent to add a chapter showing how faulty ideas—an intellectual crisis—have dramatic consequences in politics and society. A second edition, linking Watergate, the Iran-Contra Affair, and other assaults on constitutional limits to authority with a now chronic misunderstanding of institutional design in public

(continued on p. 2)

Reintroducing (cont.)

administration pedagogy and practice, appeared in 1987. The new third edition considers the present effort to centralize authority in a “unitary” executive and the threat to polycentric institutional designs, particularly to metropolitan government, posed by security policies that envision all manner of political activity as a potential threat in an unbounded war on “terror.”

Vincent pushed his challenge to the field of public administration still further in the second book to be re-published next year, *The Political Theory of a Compound Republic: Designing the American Experiment* (Lexington Books, 2007), first published in 1971 and followed by a second edition in 1987. In this book, Vincent engaged in two conversations in political science: the first, among colleagues who saw federalism as a major impediment to “democracy” and the second, among friends of federalism who, nonetheless, dismissed the possibility that the federal idea could be applied to relations among “sub-national units” of government, that is, colleagues who primarily understood federalism as a “decentralization”—or, at best as a “division of sovereignty” between national and state governments. These advocates of the federal idea had missed the essential design principle of polycentricity in the designs for a republic that was not only extended across many jurisdictions (states and territories of the continent), but also compounded in the sharing of authority within every arena of authoritative action, large and small. The original work examines the conception of a compound republic in a close textual reading of *The Federalist*. By presenting the essays of James Madison and Alexander Hamilton as a series of propositions that state a logical argument for a particular design, Vincent not only exposed the architecture of a compound republic but also elaborated the design principles that may be employed in contexts other than the 1787 Philadelphia Convention that brought the U.S. Constitution into existence.

Most importantly, the book suggested a way of reading and analyzing texts such as *The Federalist* as an inventory of design principles and deep logic that could be restated in propositional forms enabling hypothesis testing or other empirical inquiry. The second edition included chapters exploring the more general concept of constitutional choice, for which Vincent would soon become more widely known. The third edition will revise chapters eight and nine, which consider twentieth-century activities in the U.S. and Europe pertaining to confederation, federation, and theories of compounding and extending republican principles, and adds a new chapter on the potential for citizen-sovereigns and a new millennium of self-government in the twenty-first century.

The response to the point of view articulated in both of these works calls to mind, for scholar Barbara Allen, “the reception of Darwin’s theory of evolution”—that is, it was viewed as heresy, pitting “science” against “religion.” According to Barbara, Vincent has always challenged the dogmas of social science, and the nearly reactionary response to his arguments—especially in the case of *The Intellectual Crisis*—seems to have entirely missed the point. In these works, we see not only a revolutionary way of thinking about public administration and governance—paradoxically by returning to revolutionary thinkers from the eighteenth century—but also a revolutionary way of reading texts for logical analyses that should offer opportunities for empirical consideration.

By overseeing the re-publication of these books, Barbara hopes to reintroduce this way of thinking to both political science and public administration, and to revitalize the world’s approach to governance.

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Inaugural article by Elinor Ostrom published in *PNAS*

In recognition of Elinor Ostrom’s appointment to the National Academy of Sciences in 2001, her inaugural article—co-authored with Harini Nagendra of the Ashoka Trust for Research in Ecology and Environment and titled “Insights on Linking Forests, Trees, and People from the Air, on the Ground, and in the Laboratory”—has been published in the *Proceedings of the National Academy of Science (PNAS)*. The online version of this article appeared on November 6, 2006, and the print version will be forthcoming in the next 3-5 weeks.

The article uses findings from long-term, interdisciplinary, multiscale, international research to analyze interactions between forests and institutions, and specifically draws on remotely sensed imagery, field research, and laboratory experiments to examine a variety of land tenure arrangements. The authors find that no single governance arrangement will control overharvesting in all settings, and that users are more likely to adhere to rules and assist with monitoring when they were genuinely engaged in decisions regarding those rules.

See <http://www.pnas.org/cgi/doi/10.1073/pnas.0607962103> for a copy of the article.

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If so, please send updates to:
workshop@indiana.edu

Thank you!

Thoughts about the conference in Bogota in August 2006

by Elinor Ostrom

In August, Vincent and Lin attended a very exciting conference organized at Javeriana University in Bogota, Colombia. The conference was entitled “Collective Action in the Commons: Theoretical and Empirical Approaches.” It was organized to bring together some of the research that was started at the University of Massachusetts, Amherst, the Workshop in Political Theory and Policy Analysis at IU, and at Javeriana University.

What was very exciting was seeing the cumulative impact of the theoretical developments that Juan-Camilo Cardenas, a long-time Workshop colleague, started at UMASS combined with experiments designed by Jimmy Walker here at IU, and then adapted and translated into Spanish in a manner that would be meaningful to *campesinos* (farmers). While undergraduate students at IU find it meaningful to invest tokens, that concept does not translate easily. Campesinos who have been making decisions about their harvesting practices in local forests do find it meaningful to be asked to decide in a hypothetical situation how many months of harvesting should be undertaken.

Students at Javeriana and at UMASS have taken these experiments still further by working with communities extensively to apply the lessons learned from experiments to helping them improve their harvesting practices, their levels of cooperation with one another, their income, and their long-term, future outlooks. We heard directly from a participant in one of the early experiments how the discussion with the community after the experiment changed her life and the lives of other resource users in her community. It was very exciting to hear about the science that has been produced as a result of these collaborations and to hear directly from the communities how much difference the experiment and later follow-up discussions made in their lives.



Meeting on Robustness in Institutions held October 19-20

As most of our colleagues and affiliates are aware, the Workshop has since its inception worked to understand the foundations of human institutions in the hopes of improving institutional analysis and design. In October, Workshop scholars met in Bloomington to discuss the use of the term “robustness” to encompass many of the institutional design principles explored in previous Workshop research. Derived from the field of engineering, robustness describes the ability of a designed—as opposed to an evolved—system to withstand internal and external disturbances.

The October meeting was attended by Marco Janssen, Marty Anderies, Oguzhan Ciflidoz, and Tony Rodriguez of Arizona State University; Visiting Scholar James Nachbaur of UC-Santa Barbara; Bill Blomquist and Daniel Cole of IUPUI; Lin Ostrom and Workshop graduate students Eric Coleman, Brian Steed, Rob Holahan, Gustavo Garcia-Lopez, Ashok Regmi, Prakash Kashwan, Michael Cox, and Evan Dennis.

The group began to develop a model of a simple irrigation system in Zapotec, Mexico, based on the discussions of robustness, in hopes of eventually modeling a series of archetypal ecosystems and institutions. Colleagues from ASU will continue to develop this model, while participants on the Bloomington campus will continue with regular group meetings twice a month to review literature and examine the applicability of the robustness concept to various contexts. A follow-up meeting of the entire group is expected to take place within the next year.

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The Challenge of Self-Governance in Complex, Globalizing Economics:

Interdisciplinary PhD School
with Elinor & Vincent Ostrom

Freiburg, Germany, April 17-26, 2007

The Institute of Forestry Economics, the Walter Eucken Institute, and the Faculty of Economics and Behavioral Sciences of the Albert-Ludwigs-University are proud to organise a PhD school with Elinor and Vincent Ostrom.

The PhD school will be divided into two parts (roughly four days each). One part will be more lecture/reading seminar-based. The participants will prepare those sessions by reading the relevant texts in advance.

Twelve to fifteen students will participate. They will be divided into three to four coherent groups for discussing the papers more intensively. In the middle of the seminar, we will visit a "commons" nearby.

Application: Please apply electronically by sending an email to Achim Schlueter (a.schlueter@ife.uni-freiburg.de) by the 30th of November 2006.

We are trying to gather a group of scholars, who are working closely with Elinor or Vincent Ostrom's work. We are trying to recruit people from various disciplines, which will enrich our discussions. Applications from foresters are particularly encouraged, but will not be favoured over other disciplines. We will try to somehow build clusters of people with common interests, within the broad contribution of the Ostroms. Otherwise, we will just try to invite people with interesting topics. We will inform you by the 31st of December if your application has been successful. The full paper should be submitted by the 1st of April so that participants have a chance to read other contributions in advance.

For any further information, please contact:

Dr. Achim Schlueter, Institute of Forestry Economics, Tennenbacher Str. 4, 79085 Freiburg, T. +49 761 203 2688, a.schlueter@ife.uni-freiburg.de

Website: http://portal.uni-freiburg.de/ife/conferences/PhDS_org/

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*Best wishes to all
for a wonderful and safe holiday season!*



ANNOUNCEMENTS

■ Elinor Ostrom was awarded the William Riker Prize for the best book in political economy published in 2005 for her book *Understanding Institutional Diversity*. In their article announcing the award in their Spring-Summer 2006 newsletter, the Section on Political Economy of the American Political Science Association indicated that the book "culminates a life-time effort devoted to the study of human interaction and cooperation." They also predict that "this book will energize the dialogue that the community of political scientists and political economists are sustaining over how to understand and model human behavior and social life." See announcement in: *The Political Economist* 13(2) (Spring/Summer 2006): 20–22. http://www.apsanet.org/~polecon/The_Political_Economist_Spring-Summer_06.pdf

■ Elinor Ostrom was interviewed for a documentary film commissioned by the Royal Swedish Academy of Sciences (the institution behind the Nobel Prize) in honor of the 300th anniversary of Carl Linnaeus's birth. Others interviewed for the film include Al Gore, Kofi Annan, Sir David Attenborough, and Edward O. Wilson. We will share more details on the film once it is released (particularly if portions of Lin's interview make the final cut).

■ Mark your calendars! The Workshop on the Workshop (WOW4) conference will be held in Bloomington from June 3 through 7, 2009.

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Consortium for the Study of Change in Western Water Institutions

In August, the Workshop hosted the inaugural meeting of a proposed consortium to research groundwater institutions in the American West. Participants at that meeting included Elinor Ostrom and graduate student Brian Steed from the Workshop; Visiting Scholar James Nachbaur of UC-Santa Barbara; Edna Loehman from Purdue University; Bill Blomquist of IUPUI; and John Wilkins-Wells and Troy Lepper of Colorado State University. In October, the Workshop hosted a follow-up meeting with additional interested partners, particularly Marty Anderies and Marco Janssen, of the newly formed Center for the Study of Institutional Diversity at Arizona State University.

After the kick-off meeting in August, members reconvened in October to further develop ideas and discuss common interests. At this meeting, they identified several possible themes, including:

- modeling complex urban-agricultural relationships, dealing with data, and experiments;
- institutions to promote trust and good information and common agreement;
- groundwater-surface water links;
- municipal strategies (demand management, investment, infrastructure);
- public-private changes and changing preferences; and
- rural impacts, agricultural-urban links, water banking, subsidies and distortions.

Current plans are to submit a proposal centered on one or more of these themes to the Natural Resources Institute and/or Hewlett Foundation within the next two to three months.

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IFRI Update by Elinor Ostrom & Arun Agrawal

Members of the International Forestry Resources and Institutions (IFRI) Research Network were fortunate to be invited to hold their biennial meeting at the Center for International Forestry Research (CIFOR) in Bogor, Indonesia, from June 24-27, 2006. More than 20 IFRI network members attended the meeting. This was an excellent opportunity to share some of our ongoing research with colleagues at CIFOR and to learn about some of their new projects. There has been great progress in terms of the maturing of the network and the kind of research we are now able to do. IFRI will be issuing working papers jointly with CIFOR in the future and hopes to engage in several joint activities.

It is always a great joy to meet face-to-face with our colleagues from Africa, Latin America, and Asia. We enjoy our email discussions with colleagues, but it is wonderful to sit down across a cup of coffee and get into a thorough discussion. One of the topics discussed was the transfer of the coordination of our IFRI Network from IU to the University of Michigan. Arun Agrawal has taken on immense responsibilities related to sustaining the network over time.

The database is still in Bloomington and will move to Michigan in another 6 months or so. We now have 259 forests located around the world due to the hard work of all of the colleagues in the network, and are beginning to share more widely the techniques for conducting statistical analyses of institutions and resource governance based on our data.

We also discussed the possibility of moving to permanent forestry plots so that we have the advantage of a panel data as contrasted to random samples over time. Forester and IU faculty member Burney Fischer is working with IFRI in Bloomington to set up the first permanent plots as a pilot study.

The first IFRI study in Michigan was completed this fall. A report based on that study will soon be circulated to all the IFRI network members. Anyone interested in a copy should write to nadushan@umich.edu. Future newsletters will have additional reports.

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CONGRATULATIONS!!!

Eric & Jennifer Coleman, on the birth of their daughter, Jefferson Sofia Agnes, on October 16, 2006.

Shaun & Tammy MacMahon, on the birth of their son, Maximilian Augustus, on September 21, 2006.

Kunle & Sarah Oyerinde, on the birth of their daughter, Ayooluwa Ruth, on July 22, 2006.

Sujai & Rama Shivakumar, on the birth of their daughter, Tara, on August 9, 2006.

Earl Singleton, who is featured in IU's magazine *Teaching & Learning* 2(2) (Fall/Winter 2006), http://www.indiana.edu/~tandlpub/story.php?story_id=43

Insa Theesfeld & her husband, on the birth of their daughter, Rosa Magdalena, on June 27, 2006.

Amos Sawyer, Workshop, and *Jeanette Carter*, University of Liberia, “The Road from Plunder: Outlines of Liberia’s Governance Reform Agenda and Challenges,” 8/28

Stefan Jungcurt, Department of Resource Economics, Humboldt University Berlin, Germany, & Workshop Visiting Scholar, “Consolidation, Delimitation and Stalemate: Conflict and Strategic Incentives in the Interplay between International Institutions,” 9/11

Luis Miller, Institute for Advanced Social Studies of Andalusia, Córdoba, Spain, & Workshop Visiting Scholar, “The Double Nature of Conventions: An Experimental Analysis,” 9/18

Amartya Sen, Department of Economics and Philosophy, Harvard University, Cambridge, MA, “The Need for a New Theory of Justice,” 9/20

Itai Sened, Department of Political Science, Washington University, St. Louis, MO, “What To Do?,” 9/25

Janne Hukkinen, Laboratory of Environmental Protection, Helsinki University



of Technology, Espoo, Finland, “Cross-Scale Vulnerability in Lapland Ecosystem Governance,” 10/2

Robert Keohane, Woodrow Wilson School of Public and International Affairs, Princeton University, Princeton, NJ, “Anti-Americanisms in World Politics,” 10/9

Bobbi Low, School of Natural Resources & Environment, and *Carl Simon*, Center for the Study of Complex Systems, University of Michigan, Ann Arbor, “Rules and Emergent Phenomena in Modern Women’s Lives,” 10/16

Ali Galaydh, Hubert H. Humphrey Institute of Public Affairs, University of Minnesota, “Re-inventing a New Somali State: Problems and Prospects,” 10/23

Eric McLaughlin, Department of Political Science, University of Illinois, Urbana-Champaign, “The Political Economy of Language Regime Change: Lessons from the New South Africa,” 10/30

Magalie Bourblanc, Political Studies Institute of Paris; Radboud University Nijmegen; & Workshop Visiting Scholar,

“The Challenges of Problem Construction for Common-Pool Resources’ Governance: Insights from Manure Policies in France and the Netherlands,” 11/6

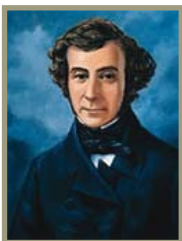
James Nachbaur, Donald Bren School of Environmental Science and Management, University of California, Santa Barbara, & Workshop Visiting Scholar, “Factors That Promote or Deter Community Organizing to Address Common-Pool Problems with Groundwater: Evidence from a Cross-Section,” 11/13

Anna Zachrisson, Department of Political Science, Umeå University, Sweden, & Workshop Visiting Scholar, “Protected Areas as a Complex Common-Pool Resource: Polycentric Governance?,” 11/16

Howard Rheingold, School of Information, University of California, Berkeley, & Department of Communication, Stanford University, CA, “Toward An Interdisciplinary Understanding of Cooperation and Collective Action,” 11/27

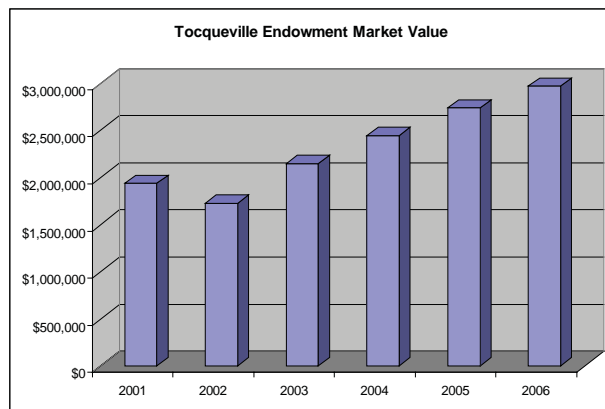
Rick Harbaugh, Business Economics and Public Policy, IU Kelley School of Business, “Opportunistic Discrimination,” 12/4

Tocqueville Endowment for the Study of Human Institutions

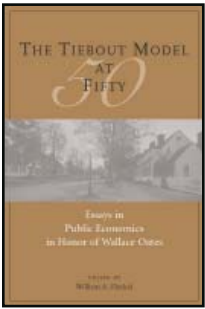


Contributions from colleagues are always appreciated in helping us bolster this essential source of support for the Workshop’s activities. Please send donations (payable to Indiana University Foundation) to the attention of Jacqui Bauer at the Workshop. Donations to the Endowment are tax deductible.

	Oct-01	Oct-02	Oct-03	Oct-04	Oct-05	Oct-06
Market value	\$1,936,410	\$1,730,004	\$2,146,899	\$2,443,920	\$2,737,665	\$2,967,214
Estimated income market value (loss)	\$108,036	\$105,438	\$102,283	\$106,115	\$110,851	\$135,419



PUBLICATIONS — Books & Monographs

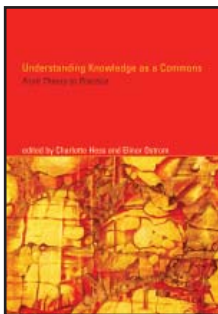


Fischel, William, ed. 2006. *The Tiebout Model at Fifty: Essays in Public Economics in Honor of Wallace Oates*. Lincoln Institute of Land Policy. ISBN: 1-55844-165-4

This book commemorates the 50th anniversary of Charles Tiebout's enormously influential 1956 article, "A Pure Theory of Local Expenditures," and honors the contributions of Wallace Oates as expositor and popularizer of the Tiebout model. While Tiebout's hypothesis is the touchstone for the economic analysis of local government, Oates gave the theory empirical content and brought the idea into the realm of public economics. This insightful volume is edited by William Fischel, who also organized the conference in June 2005 at which the papers and commentaries were first presented.

Guha-Khasnobis, Basudeb, Ravi Kanbur, & Elinor Ostrom, eds. 2006. *Linking the Formal and Informal Economy: Concepts and Policies*. Oxford University Press. ISBN-13: 9780199204762

This volume brings together a significant new collection of studies on formality and informality in developing countries. The volume is multidisciplinary in nature, with contributions from anthropologists, economists, sociologists, and political scientists. It contains contributions from among the very best analysts in development studies.

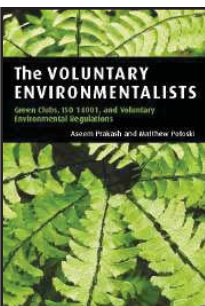
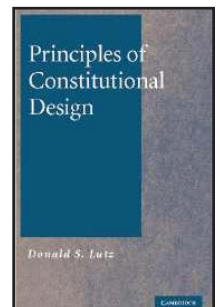


Hess, Charlotte, & Elinor Ostrom, eds. 2007 (forthcoming December 2006). *Understanding Knowledge as a Commons: From Theory to Practice*. MIT Press. ISBN-10: 0-262-08357-4

Knowledge in digital form offers unprecedented access to information through the Internet but at the same time is subject to ever-greater restrictions through intellectual property legislation, overpatenting, licensing, overpricing, and lack of preservation. Looking at knowledge as a commons—as a shared resource—allows us to understand both its limitless possibilities and what threatens it. In this book, experts from a range of disciplines discuss the knowledge commons in the digital era—how to conceptualize it, protect it, and build it.

Lutz, Donald S. 2006. *Principles of Constitutional Design*. Cambridge University Press. ISBN 0-521-86168-3

This book is written for anyone, anywhere sitting down to write a constitution. The book is designed to be educative for even those not engaged directly in constitutional design but who would like to come to a better understanding of the nature and problems of constitutionalism and its fundamental building blocks—especially popular sovereignty and the separation of powers. Rather than a "how-to-do-it" book that explains what to do in the sense of where one should end up, it instead explains where to begin—how to go about thinking about constitutions and constitutional design before sitting down to write anything.



Prakash, Aseem, and Matthew Potoski. 2006. *The Voluntary Environmentalists: Green Clubs, ISO 14001, and Voluntary Environmental Regulations*. Cambridge University Press. ISBN-13: 9780521677721

Can businesses voluntarily adopt progressive environmental policies? Most environmental regulations are based on the assumption that the pursuit of profit leads firms to pollute the environment, and therefore governments must impose mandatory regulations. However, new instruments such as voluntary programs are increasingly important. Drawing on the economic theory of club goods, this book offers a theoretical account of voluntary environmental programs by identifying the institutional features that influence conditions under which programs can be effective.

(continued on p. 8)

Forthcoming Books & Monographs



Mwangi, Esther. June 2007. *Socioeconomic Change and Land Use in Africa: The Transformation of Property Rights in Kenya's Maasailand*. New York: Palgrave Macmillan.

Ostrom, Vincent. 2007. *The Intellectual Crisis in American Public Administration*. 3rd rev. ed. Tuscaloosa: University of Alabama Press.

Ostrom, Vincent. 2007. *The Political Theory of a Compound Republic: Designing the American Experiment*. 3rd rev. ed. Lanham, MD: Lexington Books.

Webb, Edward, & Ganesh Shivakoti, eds. February 2007. *Decentralization, Forests and Rural Communities: Policy Outcomes in South and Southeast Asia*. New Delhi: Sage.

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Polycentric Circles is published bi-annually, in MAY and NOVEMBER.



We welcome information regarding research projects, recent publications, conference announcements, photographs, etc. **For the May 2007 issue, the deadline is April 13.** Please submit your items to the editor, Jacqui Bauer: jacmbaue@indiana.edu

Thank you!

PUBLICATIONS — Articles

Andersson, Krister. 2006. "Understanding Decentralized Forest Governance: An Application of the Institutional Analysis and Development Framework." *Sustainability: Science, Practice, & Policy* 2(1):25–35.

Andersson, Krister, & Diego Pacheco. 2006. "Turning to Forestry for a Way Out of Poverty: Is Formalizing Property Rights Enough?" In *Linking the Formal and Informal Economy: Concepts and Policies*, ed. Basudeb Guha-Khasnobis, Ravi Kanbur, and Elinor Ostrom, 195–211. Oxford, UK: Oxford University Press.

Apestequia, Jose, & Frank Maier-Rigaud. 2006. "The Role of Rivalry: Public Goods versus Common-Pool Resources." *Journal of Conflict Resolution* 50(5):646–63.

Barrett, Christopher, Clark Gibson, Barak Hoffman, & Mathew McCubbins. 2006. "The Complex Links between Governance and Biodiversity." *Conservation Biology* 20(5):1358–66.

Cardenas, Juan-Camilo, & Elinor Ostrom. 2006. "How Norms Help Reduce the Tragedy of the Commons: A Multi-Layer Framework for Analyzing Field Experiments." In *Norms and the Law*, ed. John Drobak, 105–36. New York: Cambridge University Press.

Dorji, Lam, Edward Webb, & Ganesh Shivakoti. 2006. "Forest Property Rights under Nationalized Forest Management in Bhutan." *Environmental Conservation* 33(2):141–47.

Janssen, Marco, Michael Schoon, Weimao Ke, & Katy Börner. 2006. "Scholarly Networks on Resilience, Vulnerability and Adaptation within the Human Dimensions of Global Environmental Change." *Global Environmental Change* 16(3):240–52.

Journal of Institutional Economics 2(2) (August 2006). Special issue on institutions and ecosystems derived from papers presented at the WOW3 conference held at IU, June 2–6, 2004. Introduction by Marco Janssen. Contributors: John Anderies, Esther Mwangi, Theo Toonen, Gerrit Dijkstra, Frits van der Meer, Wai Fung Lam, Ganesh Shivakoti, and Ram Bastakoti.

Kashwan, Prakash. 2006. "Why Harda Failed: A Response." *Economic and Political Weekly*, June 17, pp. 2497–99.

Mwangi, Esther. 2006. "The Footprints of History: Path Dependence in the Transformation of Property Rights in Kenya's Maasailand." *Journal of Institutional Economics* 2(2):157–80.

Mwangi, Esther. Forthcoming 2007. "Subdividing the Commons: Distributional Conflict in the Transition from Collective to Individual Property Rights in Kenya's Maasailand." *World Development*.

Ostrom, Elinor. 2006. "12 Questions To . . . Elinor Ostrom." *GAIA—Ecological Perspectives for Science and Society* 15(4):246–47.

Ostrom, Elinor. 2006. "The Value-Added of Laboratory Experiments for the Study of Institutions and Common-Pool Resources." *Journal of Economic Behavior & Organization* 61(2):149–63.

Ostrom, Elinor, & Harini Nagendra. 2006. "Insights on Linking Forests, Trees, and People from the Air, on the Ground, and in the Laboratory." *Proceedings of the National Academy of Sciences (PNAS)*, online early edition November 6.

Ostrom, Vincent. 2007. "Some Developments in the Study of Market Choice, Public Choice, and Institutional Choice." In *Handbook of Public Administration*, 3rd ed., ed. J. Rabin, W. B. Hildreth, and G. Miller, 1101–21. New York: CRC Press.

Sawyer, Amos. 2006. "Social Capital, Survival Strategies, and Their Potential for Post-Conflict Governance in Liberia." In *Linking the Formal and Informal Economy: Concepts and Policies*, ed. Basudeb Guha-Khasnobis, Ravi Kanbur, and Elinor Ostrom, 230–45. Oxford, UK: Oxford University Press.

Young, Oran, Frans Berkhout, Gilberto Gallopin, Marco Janssen, Elinor Ostrom, & Sander van der Leeuw. 2006. "The Globalization of Socio-Ecological Systems: An Agenda for Scientific Research." *Global Environmental Change* 16(3):304–16.

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VISITORS



Long-term

Magalie Bourblanc (Fall 2006) is a Ph.D. student in political science at the Political Studies Institute of Paris (Sciences Po Paris) and the research group for Environmental Politics and Policies, Department of Management Sciences, Radboud University of Nijmegen (Netherlands). Her research activities deal with policy arrangements and institutional change, especially concerning environmental issues and agricultural sector. At the Workshop, she focused on two main topics: (1) the crucial question of policy integration in multi-level and multi-arena dynamics, especially in the European context and (2) the social-ecological systems approach in comparison with current conceptual and theoretical developments in the field of environmental sociology.

Junho Gang (January 2007-July 2008) is Assistant Professor, Division of International Commerce and Maritime Administration, Korea Maritime University, South Korea. His scholarly interests are in the areas of new institutionalism. He has studied various topics about public affairs and public policies. While at the Workshop, he will be working on public budgeting and ocean natural resources (coast, oil, fish, etc.) from the perspective of new institutionalism.

Gustavo Gordillo de Anda (November 2006-May 2008), is a retiree from the UN Food and Agriculture Organization where he acted from 1995 to 1997 as Director of Rural Development at FAO's headquarters and from 1997 to 2005 as Regional Representative serving the 33 Latin America and the Caribbean member nations based in Santiago de Chile. He has been former Deputy Secretary at the Ministry of Agriculture and Water Resources and Undersecretary for Agrarian Organization at the Ministry of Land Reform in Mexico from 1988 to 1994. At the Workshop, he will be developing his research project Incentives for Political Cooperation in fragile democracies in Latin America focusing on Brazil, Bolivia, Chile, and Mexico. This research has two objectives: revise the impact that mores and social norms have had in shaping the institutional arrangements that brought democracy back from authoritarian regimes and military dictatorships in those countries, and secondly, the impact Left parties once they are elected into national governments have on facilitating or obstructing political cooperation.

Stefan Jungcurt (Fall 2006) is a Ph.D. candidate, Department of Resource Economics, Humboldt University, Berlin. In his research, he investigates the causes and consequences of interplay between institutions for international cooperation in different policy fields, such as environment and trade. His work focuses on conflicts between international agreements that regulate the conservation and use of plant genetic resources for food and agriculture. He has researched international negotiation processes to analyze strategic interaction among international actors and its impact on institutional interplay. Stefan gave a colloquium presentation on the strategic behavior of actors in international negotiations in the presence of institutional interaction. At the Workshop, he has also studied the relationship between different property-rights systems applying to suppliers and users of genetic resources and its impact on the sustainable use of those resources.

James Nachbaur (Fall 2006) is a Ph.D. candidate in Economics at the University of California, Santa Barbara. His research deals with the patterns of rules people put in place to manage groundwater use where higher-level policies allow such governance. He is also active in the robustness working group and the working group on changes in institutions dealing with water in the American West.

Anna Zachrisson (Fall 2006) is a Ph.D. candidate at the Department of Political Science, Umeå University, Sweden. In her dissertation, she examines changes in the Swedish nature conservation policy, in particular the causes, nature, and impacts of participatory protected area designation processes. While at the Workshop, she is working on a paper of Fulufjället National Park and polycentric governance. She is also finalizing a paper about public attitudes to the management of protected areas in Sweden.

Short-term

T. K. Ahn, Department of Political Science, Florida State University, September 23-25

Barbara Allen, Department of Political Science, Carleton University, September 29-Oct. 13

Eduardo Araral, NUS-LKY-SPP, Terrace, Singapore, November 29-30

Alfred Cuzán, Department of Government, University of West Florida, October 18

Wal Duany, Republic of Sudan, Southern Sudan Legislative Assembly, Juba, July 28-September 3

Forrest Fleischman, Amherst, MA, August 23-25

Thaung Htun, Policy Think Tank of the National Coalition Government of the Union of Burma, August 29

Jacqueline Knörr, Max Planck Institute, Halle, Germany, November 13-15

Luis Miller, Spanish Council for Scientific Research (CSIC), Córdoba, Spain, September 9–November 11

Esther Mwangi, Environment Production & Technology Division, International Food Policy Research Institute, Washington, DC, November 12-18

Sanjeev Prakash, Centre for Development Studies and Department of Comparative Politics, University of Bergen, Norway, September 30-October 13

Maja Schlüter, Department of Ecology and Evolutionary Biology, Princeton University, October 15-18

Thomas Stewart, retired judge, Superior Court, State of Alaska, First Judicial District, Juneau, September 24-December 15

Horia Terpe, National School of Political Studies and Public Administration, Bucharest, Romania, November 13-24

Dustin Tingley, Department of Politics, Princeton University, October 9-11.

Emil Uddhammar, School of Social Sciences, Växjö University, Sweden, September 24-October 13

Sein Win, Prime Minister of the National Coalition Government of the Union of Burma, August 29

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