

## ARUN AGRAWAL

Curriculum Vitae: 2021

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- Education** Ph.D., Political Science, Duke University, 1986-1992  
M.A., Political Science, Duke University, 1986-88  
M.B.A., Indian Institute of Management, Ahmadabad, India, 1983-85 (Specialization in Development Administration and Public Policy)  
B.A., History, Delhi University, India, 1980-83.
- Positions** 2020 onward: Editor, Cambridge Elements on Sustainability  
2018 onward: Member, US National Academy of Sciences  
2013-20 Editor-in-Chief, *World Development*  
2008 onwards: Professor, University of Michigan, SEAS (Sabbatical 2011-12; 2018-19)  
2009-11: Research Associate Dean, University of Michigan, School of Natural Resources and Environment (SNRE)  
2006-17 - Coordinator, International Forestry Resources and Institutions (IFRI) Network  
2003-2008. Associate Professor, University of Michigan, SNRE.  
2002-03: Associate Professor, and William Dawson Scholar (after January 2003), McGill University, Department of Political Science and McGill School of Environment  
2000-2002: Associate Professor, Yale University, Department of Political Science  
1997-2002: Assistant Professor, Yale University, Department of Political Science  
1993-1997: Assistant Professor, University of Florida, Gainesville, January
- Major Projects** International Forestry Resources and Institutions Research Program (Comparative study of local institutions and forest governance in 12 countries in south Asia, East Africa, and Latin America) [[www.umich.edu/~ifri](http://www.umich.edu/~ifri)]  
-ICARUS – Initiative on Climate Adaptation Research and Understanding through the Social Sciences [[www.icarus.info](http://www.icarus.info)]  
-FLARE: Forests and Livelihoods: Assessments, Research, and Engagement. [<http://www.forestlivelihoods.org/>]
- H-Index** **ISI, Web of Science** – 45; Google Scholar – 70; **Total Citations** ISI > 8,000; Google Scholar > 40,000
- Publications** Authored Books  
**Agrawal, A.** 2005. *Environmentality: Technologies of Government and the Making of Subjects* (Duke University Press; Oxford University Press, Delhi). rpt. 2006.  
**Agrawal, A.** 1999. *Greener Pastures: Politics, Markets, and Community among a Migrant Pastoral People*. Durham NC: Duke University Press. (Jointly published by Oxford University Press, New Delhi).
- Monograph  
**Agrawal, A.** with Charla Britt and K. Kanel. 1999. *Decentralization in Nepal: A Comparative Perspective*. San Francisco: ICS Press.
- Edited Collections: Journals  
**Agrawal A.,** Liao C, Watkins C, Rasmussen LV, Hajjar R. 2018. Forest-Governance Interventions for Sustainability through Information, Incentives, and Institutions. *Current Opinion in Environment and Sustainability*. A1-A8, 1-140.

- Agrawal, A.**, Rasmussen LV, Hajjar, R, Watkins C. 2017. Forest Interventions. *Land Use Policy*. Articles in Review.
- Rasmussen, LV, Watkins, C., and **Agrawal A.** 2017. Forest, Food, and Livelihoods. *Forest Policy and Economics*. Vol. 84: 1-120.
- Agrawal, A.**, L. Wollenberg, and L. Persha. 2014. Governing Mitigation in Agriculture-Forest Landscapes. *Global Environmental Change*. 29: 270-326.
- Agrawal, A.** and V. Saberwal. 2005. The Future of Nomadic Agro-Pastoralism in South Asia. Special issue, *Nomadic Peoples*.
- Agrawal, A.** (ed). 2002. *Indigenous Knowledge*. Invited editor of a Special Issue of *International Social Science Journal* (September 173). (Published in English, French, and Spanish by UNESCO).

Edited Collections: Books

- Sivaramakrishnan, K. and **A. Agrawal**. 2003. *Regional Modernities: The Cultural Politics of Development*. Stanford University Press. (Also published jointly by Oxford University Press, New Delhi in Spring 2003).
- Agrawal, A.**, and C. C. Gibson (eds). 2001. *Communities and the Environment: Ethnicity, Gender, and the State in Community-Based Conservation*. Rutgers University Press (With Clark Gibson).
- Agrawal, A.** and K. Sivaramakrishnan. 2000. *Agrarian Environments: Resources, Representations and Rule in India*. Duke University Press. (Also published by Oxford University Press, New Delhi as *Social Nature: Resources, Representations, and Rule in India*).

Articles in Refereed Publications (students and mentees at time of publication have asterisk against name)

- 110.** Liao C, Erbaugh JT, Allison AC, Agrawal A. 2021. Clean energy transitions and human wellbeing outcomes in lower and middle income countries: A systematic review. *Renewable and Sustainable Energy Reviews* 145 (Jyly): 111063. <https://doi.org/10.1016/j.rser.2021.111063>
- 109.** Liao C, Nolte K, Sullivan JA, Brown DB, Lay J, Althoff C, Agrawal A. 2021. Carbon emissions from the global land rush and potential mitigation. *Nature Food*. **2**: 15-18.
- 108.** Mustalahti I & **Agrawal A.** 2020. Responsibilization in natural resource governance. *Forest Policy and Economics*, 121, 102308.
- 107.** Williams TG, Guikema SD, Brown DG, & **Agrawal A.** (2020). Assessing model equifinality for robust policy analysis in complex socio-environmental systems. *Environmental Modelling & Software*, 134, 104831.
- 106.** **Agrawal A.**, Kaur N, Shakya C, & Norton A. 2020. Social assistance programs and climate resilience: reducing vulnerability through cash transfers. *Current Opinion in Environmental Sustainability*, 44, 113-123.
- 105.** Oldekop JA, Rasmussen LV, **Agrawal A.**, Bebbington AJ, Meyfroidt P, Bengston DN, Blackman A. et al. 2020. Forest-linked livelihoods in a globalized world. *Nature Plants*: 1-8.
- 104.** Erbaugh JT, Pradhan N\*, Adams J, Oldekop JA., **Agrawal A.**, Brockington D, & Chhatre A. 2020. Global forest restoration and the importance of prioritizing local communities. *Nature Ecology & Evolution*, 4(11), 1472-1476.
- 103.** McGrath FL, Smalligan M, Watkins C, & **Agrawal A.** 2020. Exploring Environmental Attitudes and Forest Program Uptake with Nonindustrial Private Forest Owners in Michigan. *Society & Natural Resources*, 1-21.
- 102.** Xu T, Zhang X, **Agrawal A.**, & Liu J. 2020. Decentralizing while centralizing: An explanation of China's collective forestry reform since the 1980s. *Forest Policy and Economics*, 119, 102268.
- 101.** Newton P, Kinzer AT, Miller DC, Oldekop JA, & **Agrawal A.** (2020). The number and spatial distribution of forest-proximate people globally. *One Earth*, 3(3), 363-370.
- 100.** Liao C, **Agrawal A.**, Clark PE, Levin SA, & Rubenstein DI. 2020. Landscape sustainability science in the drylands: mobility, rangelands and livelihoods. *Landscape Ecology*, 1-15.
- 99.** Boone CG, Pickett STA, Bammer G, Bawa K, Dunne, JA ... **Agrawal A.**... Mallee H. 2020. Preparing interdisciplinary leadership for a sustainable future. *Sustainability Science*: 1-11.
- 98.** Williams TG\*, Guikema SD, Brown DG, **Agrawal A.** 2020. Resilience and equity: Quantifying the distributional effects of resilience-enhancing strategies in a smallholder agricultural system. *Agricultural Systems*, 182, 102832.
- 97.** Khatami R, Southworth J, Muir C, Caughlin T, Ayana, AN, Brown DG... **Agrawal A.** 2020. Operational Large-Area Land-Cover Mapping: An Ethiopia Case Study. *Remote Sensing*, 12(6), 954.

96. Liao C, Jung S, Brown DG, **Agrawal A**. 2020. Spatial patterns of large-scale land transactions and their potential socio-environmental outcomes in Cambodia, Ethiopia, Liberia, and Peru. *Land Degradation & Development*, 31(10), 1241-1251.
95. Norton A, Seddon N, **Agrawal A**, Shakya C, Kaur N, & Porras I. 2020. Harnessing employment-based social assistance programmes to scale up nature-based climate action. *Philosophical Transactions of the Royal Society B*, 375(1794), 20190127.
94. van der Meulen Rodgers Y, Bebbington A, Boone C, Dell'Angelo J, Platteau JP, & **Agrawal A**. (2020). Experimental approaches in development and poverty alleviation, (editorial for Field Experiments in Development). *World Development* 127. <https://doi.org/10.1016/j.worlddev.2019.104807>.
93. He Y\*, Baldiviezo JP, **Agrawal A**, Candaguira V, Perfecto I. 2019. Guardians of the Forests: How Should an Indigenous Community in Eastern Bolivia Defend Their Land and Forests under Increasing Political and Economic Pressures?. *Case Studies in the Environment*, 3(1), 1-14.
92. **Agrawal A**, Brown, DG, Sullivan JA\*. 2019. Are Global Land Grabs Ticking Socio-environmental Bombs or Just Inefficient Investments? 1(2): 159-62
91. Gordon IJ, Bawa K, Bammer G, Boone C, Dunne J... **Agrawal, A...** Pickett S. 2019. Forging future organizational leaders for sustainability science. *Nature Sustainability*, 2(8), 647-649.
90. Chesterman, NS, Entwistle J, Chambers MC, Liu HC, **Agrawal A**, Brown D. 2019. The effect of training in soil and water conservation on farming practices, livelihoods, and land use intensity in the Ethiopian highlands. *Land Use Policy* 87: 182-93.
89. Oldekop JA, Sims KRE Sims, Karna B, Whittingham MJ, **Agrawal A**. 2019. Reductions in deforestation and poverty from decentralized forest management in Nepal. *Nature Sustainability*. 2(5) 421.
88. Hajjar, R, Ayana, A., Rutt R., Hinde, O., Liao C., Keene, S., Bandiaky-Badji S., **Agrawal, A**. 2020. Capital, labor, and gender: The consequences of large-scale land transactions on household labor allocation. *Journal of Peasant Studies*. 47(3): 566-88.
87. \*Jung S, Liao C, **Agrawal A**, Brown DG. 2019. Evidence on Wealth-Improving Effects of Forest Concessions in Liberia. *Journal of the Association of Environmental and Resource Economics*.
86. Hajjar R, Newton P, Adshead D, Bogaerts M, Maguire-Rajpaul VA, Pinto LFG, McDermott CL, Milder JC, Wollenberg E, **Agrawal A**. 2019. Scaling up sustainability in commodity agriculture: Transferability of governance mechanisms across the coffee and cattle sectors in Brazil. *Journal of Cleaner Production* 206: 124-132.
85. **Agrawal A**, Hajjar R, \*Liao C, Rasmussen LV, Watkins C. 2018. Introduction: Forest governance interventions for sustainability through information, incentives, and institutions. *Current Opinion in Environmental Sustainability*. 32: 1-7
84. Oldekop, J, Sims, K, Whittingham, M, & **Agrawal A**. 2018. An upside to globalization: International outmigration drives reforestation in Nepal. *Global Environmental Change* 52: 66-74.
83. Brandt, J, Nolte C, & **Agrawal A**. 2018. Deforestation and timber production in Congo after implementation of sustainable management policy: A response to Karsenty et al. 2017. *Land Use Policy* 77, 375-378
82. Clay, N., Yurco, K., **Agrawal, A.**, & Persha, L. 2018. Ecosystem Services in a Transitional Forest Landscape: Shifting Trajectories in Southeast Michigan, USA. *Society & Natural Resources*, 1-16.
81. Rasmussen LV, JungS, Brites AD, Watkins C, Agrawal A. 2017. Understanding smallholders' intended deforestation behavior in the Brazilian Cerrado following environmental registry. *Environmental Research Letters* 12 (9), 094001
80. Rasmussen, L. V., \*Watkins, C, & **Agrawal, A**. 2017. Forest contributions to livelihoods in changing agriculture-forest landscapes. *Forest Policy and Economics*. 84:1-10
79. Gebara, M. F., & **Agrawal, A**. 2017. Beyond Rewards and Punishments in the Brazilian Amazon: Practical Implications of the REDD+ Discourse. *Forests*, 8(3), 66; Let's not Miss the Forest for the Trees: A reply to Pinto et al. *Forests* 2017, 8 (7), 230.
78. \*Jung S., Rasmussen LV, \*Watkins C., Newton P, & **Agrawal A**. 2017. Brazil's National Environmental Registry of Rural Properties: Implications for Livelihoods. *Ecological Economics*, 136, 53-61.
77. Rasmussen, L. V., Bierbaum, R., Oldekop, J. A., & **Agrawal, A**. 2017. Bridging the practitioner-researcher divide: Indicators to track environmental, economic, and sociocultural sustainability of agricultural commodity production. *Global Environmental Change*, 42, 33-46.
76. Mascia MB, Fox HE, Glew L, Ahmadi GN, **Agrawal A**, Barnes M, Basurto X, Craigie I, Darling E, Geldmann J, Gill D, Rice SH, Jensen OP, Lester SE, McConney P, Mumby PJ, Nenadovic M, Parks JE,

- Pomeroy RS, White AT. 2017. A novel framework for analyzing conservation impacts: evaluation, theory, and marine protected areas. *Annals of the New York Academy of Sciences* 1399 (1): 93-115.
75. Meriem Bouamrane, Marja Spierenburg, **Arun Agrawal**, Amadou Boureima, Marie-Christine Cormier-Salem, Michel Etienne, Christophe Le Page, Harold Levrel, Raphael Mathevet. 2016. Stakeholder Engagement and Biodiversity Conservation, challenges in socio-ecological systems: some insights from Western Africa and French biosphere reserves. *Ecology and Society*. 21(4): 25.  
<https://doi.org/10.5751/ES-08812-210425>
74. Hardin RD, \*Bhargava A, Bothner C, Browne K, Kusano S, Golrokhian A, Wright M, Zeng PZ, **Agrawal A**. 2016. Towards a revolution in sustainability education: Vision, architecture, and assessment in a case-based approach. *World Development Perspectives* 1: 58-63.
73. Golrokhian A, Browne K, Hardin R, **Agrawal A**, Askew K, Beny L, Larroquette B, Morse M. 2016. A national adaptation programme of action: Ethiopia's response to climate change. *World Development Perspectives* 1: 53-57.
72. Newton, P, DC Miller, MAA Byenkya, **A. Agrawal**. 2016. Who are forest-dependent people? A taxonomy to aid livelihood and land use decision-making in forested regions. *Land Use Policy* 57, 388-395.
71. CC Hicks, A Levine, **A Agrawal**, X Basurto, SJ Breslow, C Carothers, S Charnley, S Coulthard, N Dolsak, J Donatuto, C Garcia-Quijano, MB Mascia, K Norman, MR Poe, T Satterfield, KS Martin, PS Levin. 2016. Engage key social concepts for sustainability. *Science* 352: 38-40
70. \*Hajar, R, J Oldekop, **A Agrawal**, P Cronkleton, E Etue, P Newton, AJ Russell, W Zhou. 2016 The data not collected on community forestry. *Conservation Biology* DOI 10.1111/cobi.12732
69. Newton, Peter; Oldekop, Johan; Brodnig, Gernot; Karna, Birendra; **Agrawal, Arun**. 2016. Carbon, biodiversity, and livelihoods in forest commons: synergies, trade-offs, and implications for REDD+. *Environmental Research Letters* 11: 4, doi:10.1088/1748-9326/11/4/044017
68. Brandt, Jodi, Christoph Nolte, **Arun Agrawal**. 2016. Deforestation and timber production in Congo after implementation of sustainable forest management policies. *Land Use Policy* 52: 15-22.
67. Oldekop, Johan...**Arun Agrawal**... William Sutherland (44 authors total). 2016. 100 key research questions for the post-2015 development agenda. *Development Policy Review* 34: 55-82.
66. Mapfumo, Paul, M. Onyango, SK Jonkponou, EH El Mzouri...**Arun Agrawal** (12 authors). 2017. Pathways to transformational change in the face of climate impacts: An analytical framework. *Climate and Development* 7: 1-13.
65. Newton, \* Peter, Brian Schaap, \* Michelle Fournier, \* Meghan Cornwall, \* Derrick W. Rosenbach, \* Joel DeBoer, \* Jessica Whitemore, \* Ryan Stock, \* Mark Yoders, \* Gernot Brodnig, and **Arun Agrawal**. 2015. Community forest management and REDD+. *Forest Policy and Economics* 56: 27-37.  
[doi:10.1016/j.forpol.2015.03.008](https://doi.org/10.1016/j.forpol.2015.03.008).
64. **Arun Agrawal**, Elisabeth Gerber, Ashwini Chhatre. 2015. Motivational Crowding in Sustainable Development Interventions: Assessing the effects of multiple treatments. *American Political Science Review* 109: 470-87.
63. **Arun Agrawal** and Maria Lemos. 2015. Adaptive Development. *Nature Climate Change*.
62. **Arun Agrawal**, Lini Wollenberg, Lauren Persha. 2014. Governing agriculture-forest landscapes for climate change mitigation. *Global Environmental Change*. 29: 270-280.
61. \*Jodi Brandt, \*Christoph Nolte, \*Jessica Steinberg, and **Arun Agrawal**. 2014. Foreign capital, forest change and regulatory compliance in Congo Basin forests. *Environment Research Letters*. 9(4): 044007.
60. Adhikari, B. and **Arun Agrawal**. 2014. Understanding the social and ecological outcomes of PES projects: A review and an analysis. *Conservation and Society* 11(4): 359.
59. **Agrawal, Arun**. 2014. Studying the commons, governing common-pool resource outcomes. *Environmental Science and Policy* 36: 86-91. <http://dx.doi.org/10.1016/j.envsci.2013.08.012>
58. \*Peter Newton, **Arun Agrawal**, Lini Wollenberg. 2013. Enhancing the sustainability of agricultural and commodity supply chains on agriculture-forest frontiers. *Global Environmental Change* 23: 1761-1772
57. Daniel G. Brown, **Arun Agrawal**, Daniel Sass, \*Jun Wang, Jin Hua, Yichun Xie. 2013. . Social Responses to Climate Risks and Opportunities across National and Ecological Boundaries: Changing Household Strategies on the Mongolian Plateau. *Environmental Research Letters*. 8(4): [doi:10.1088/1748-9326/8/4/045011](https://doi.org/10.1088/1748-9326/8/4/045011)
56. Wang, Jun\*, Daniel Brown, **Arun Agrawal**. 2013. Climate adaptation, rural institutions, and local livelihoods: A comparative study of herder communities in Mongolia and Inner Mongolia, China. *Global Environmental Change*. 23(6): 1673–1683

55. \*Nolte, C., **Agrawal, A.**, & Barreto, P. (2013). Setting priorities to avoid deforestation in Amazon protected areas: are we choosing the right indicators? *Environmental Research Letters*, 8(1): 015039.
54. Nolte, Christoph\*, **Arun Agrawal**, B. Soares-Filho, K. Silvius. 2013. Governance regime and location influence avoided deforestation success of protected areas in the Brazilian Amazon. *PNAS* doi/10.1073/pnas.1214786110.
53. Christoph Nolte\* and **Arun Agrawal**. 2013. Linking Management Effectiveness Indicators of Protected Areas to Effects on Fire Occurrence in the Amazon Rainforest. *Conservation Biology* DOI: 10.1111/j.1523-1739.2012.01930.x
53. DeFries, Ruth S., Erle C. Ellis, F. Stuart Chapin III, Pamela A. Matson, B. L. Turner, **Arun Agrawal**, Paul J. Crutzen et al. 2012. Planetary opportunities: a social contract for global change science to contribute to a sustainable future. *BioScience* 62(6): 603-606.
52. **Agrawal, Arun**, Nicolas Perrin, Ashwini Chhatre, Catherine Benson\*, and Minna Kononen. 2012. Climate Policy Processes, Local Institutions, and Adaptation Actions: Mechanisms of Translation and Influence. *WIREs Climate Change* 3(6), 565-579
51. **Arun Agrawal**, Daniel Brown, Michael Bommarito\*, Rick Riolo, Derek Robinson, and Gautam Rao\*. 2012. Interactions between organizations and networks in common-pool resource governance: An agent-based modeling approach. *Environmental Science and Policy* 25: 138-46.
50. Daniel Miller\*, **Arun Agrawal**, J. Timmons Roberts. 2012. Biodiversity, Governance, and the Allocation of International Aid for conservation. *Conservation Letters* DOI: 10.1111/j.1755-263X.2012.00270.x
49. **Agrawal, A.**, Lemos, M., Orlove, B., Ribot, J. 2012. Cool heads for a hot world: Social sciences under a changing sky. *Global Environmental Change*. 22(2): 329-31
48. Bell, A.\* , Riolo, R. L., Doremus, J.\* M., Brown, D. G., Lyon, T. P., Vandermeer, J., and **Agrawal, A.** 2012. Fragmenting forests: The double edge of effective forest monitoring. *Environmental Science and Policy* 16: 22-30.
47. **Arun Agrawal**, Daniel Nepstad, and Ashwini Chhatre. 2011. Reducing Emissions from Deforestation and forest Degradation. *Annual Review of Environment and Resources* 76: 373-96.
46. Andersson, K. and **A. Agrawal**. 2011. Inequalities, institutions, and forest commons. *Global Environmental Change* 21(3): 866-75.
45. **Arun Agrawal**. 2011. A positive side of disaster. *Nature* 473: 291-292.
44. Persha, L.\* , **A. Agrawal**, and A. Chhatre. 2011. Social and Ecological Synergy: Local Rulemaking, Forest Livelihoods and Biodiversity Conservation. *Science* 331(6024): 1606-08.
43. **Agrawal, A.** and C. S. Benson\*. 2011. Common property theory and resource governance institutions: Strengthening the explanations of multiple outcomes. *Environmental Conservation* 38(2): 199-210. doi: 10.1017/S0376892910000925
42. **Agrawal, A.** and A. Chhatre. 2011. Strengthening causal inference through qualitative analysis of regression residuals: Explaining forest governance in the Indian Himalaya. *Environment and Planning A* 43: 328-46.
41. **Agrawal, A.** and A. Chhatre. 2011. Against mono-consequentialism: Multiple outcomes and their drivers in social-ecological systems. *Global Environmental Change* 21: 1-3.
40. Persha, L., H\*. Fischer, A. Chhatre, **A. Agrawal**, and C. Benson\*. 2010. "Biodiversity conservation and livelihoods in human dominated landscapes: Forest commons in South Asia. *Biological Conservation* 143(12): 2918-25. [Online] URL: [doi:10.1016/j.biocon.2010.03.003](https://doi.org/10.1016/j.biocon.2010.03.003)
39. Sandbrook, C., F. Nelson, W. D. Adams, and **A. Agrawal**. 2010. Forests, carbon, and the REDD paradox. *Oryx* 44(3): 330-39. With comment by S. Wunder and response.
38. Phelps, J., E. Webb, and **A. Agrawal**. 2010. Does REDD+ threaten to recentralize forest governance? *Science* 328: 312-13.
37. **Agrawal, A.** 2009. Why "Indigenous" Knowledge? *Journal of the Royal Society of New Zealand* 34(4): 157-58.
36. Chhatre A. and **A. Agrawal**. 2009. Tradeoffs and synergies between carbon storage and livelihood benefits from forest commons. *PNAS* 106(42): 17667-17670.
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34. **Agrawal, A.** and K. Redford. 2009. Place, conservation, and displacement. *Conservation and Society* 7(1): 56-58.
33. Nelson, F.\* and **A. Agrawal**. 2008. Patronage or participation: Community-based natural resource management reform in Sub-Saharan Africa. *Development and Change* 39(4): 557-85.

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30. **Agrawal, A.** and A. Chhatre. 2007. Institutions, co-governance, and forests in the Indian Himalaya. *Studies in Comparative International Development* 42: 67-86.
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23. **Agrawal, A.**, and K. Gupta\*. 2005. Decentralization and participation: The governance of common pool resources in Nepal's Terai. *World Development* 33(7): 1101-14.
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21. **Agrawal, A.** 2003. Sustainable governance of common-pool resources: Context, methods, politics. *Annual Review of Anthropology* 32: 243-62 (substantially revised version of 2001 paper in *World Development*)
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15. **Agrawal, A.** and S. Goyal. 2001. Group size and collective action: Third-party monitoring in common-pool resources. *Comparative Political Studies* 34(1): 63-93.
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13. Sawyer, S. and **A. Agrawal**. 2000. Environmental orientalism. *Cultural Critique*. #45: 71- 108.
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11. **Agrawal, A.** and J. Ribot. 1999. Accountability in decentralization: A framework with South Asian and West African cases. *Journal of Developing Areas* 33(Summer): 473-502. (with Jesse Ribot).
10. **Agrawal, A.** and C. C. Gibson. 1999. Enchantment and disenchantment: The role of community in natural resource conservation. *World Development*. 27(4): 629-49. (Reprinted in *Conflict Prevention and Resolution in Water Systems*, edited by Aaron Wolf. Cheltenham, UK: Edward Elgar).
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08. **Agrawal, A.** 1997. The politics of development and conservation: The legacy of colonialism. *Peace and Change* 22(4): 463-82.
07. **Agrawal, A.** and G. Yadama. 1997. How do local institutions mediate the impact of market and population pressures on resource use. *Development and Change* 28(3): 435-65.
06. **Agrawal, A.** 1997. Shepherds and their leaders among the Raikas of India: A principal-agent

- perspective. *Journal of Theoretical Politics* 9(2): 235-63 (Reprinted in *Polycentric Games and Institutions*, edited by Michael D McGinnis. Ann Arbor: University of Michigan Press).
- 05. Agrawal, A.** 1996. Poststructuralist approaches to development: Some reflections. *Peace and Change* 21(4): 464-77.
- 04. Agrawal, A.** 1996. The Community versus the market and the state. *Journal of Agricultural and Environmental Ethics* 9(1): 1-15.
- 03. Agrawal, A.** 1995. Dismantling the divide between indigenous and western knowledge. *Development and Change*. 26(3): 413-39.
- 02. Agrawal, A.** 1994. Mobility and control among nomadic shepherds: The case of the Raikas, II. *Human Ecology* 22(2): 131-44.
- 01. Agrawal, A.** 1993. Mobility and cooperation among nomadic shepherds: The case of the Raikas. *Human Ecology*, 21(3): 261-79.

In Progress:

Book: Kaur, N, and **Agrawal A.** Social protection and climate Resilience: India's MGNREGS and its role in reducing vulnerability (With International Institute of Environment and Development). Cambridge University Press.

Article: Agrawal A, Erbaugh, JT, Pradhan N. The Commons. *Annual Review of Environment and Resources*.

Book Chapters in Refereed Volumes

- 22. Bouamrane, M., Mathevet, R., Levrel, H., Huntington, H., & Agrawal, A.** (2017). Community participation and adaptation to Change in biosphere reserves. *Governing the Coastal Commons: Communities, Resilience and Transformation*, 120.
- 21. \*Wang, J., Brown, D.G., Agrawal, A.,** 2013. Sustainable governance of the Mongolian grasslands: comparing ecological and social-institutional changes in the context of climate change in Mongolia and Inner Mongolia, China. In: Chen, J., Wan, S., Henebry, G.M., Qi, J., Gutman, G., Sun, G., Kappas, M. (Eds.), *Dryland Ecosystems in East Asia: State, Changes, and Future*. HEP-De Gruyter. pp. 423–444.
- 20. Agrawal, A.** 2014. Food security and socio-political stability in South Asia. In Christopher B. Barrett, editor, *Food Security and Sociopolitical Stability* (Oxford: Oxford University Press).
- 19. Agrawal, Arun.** 2012. Local Institutions and the Governance of Forest Commons. In Paul Steinberg and Stacy D. VanDeveer (eds.) *Comparative Environmental Politics: Theory, Practice and Prospects*. Pp. 313-340. Cambridge: The MIT Press.
- 18. Agrawal, A.** 2010. Environment, community, government. In *In the Name of Humanity*. Eds. Ilana Feldman and Miriam Tickin. Pp. 190-217. Durham, NC: Duke University Press.
- 17. Agrawal, A.** and A. Angelsen. 2010. Using community forest management to achieve REDD+ goals. In *Realizing REDD+: National Strategy and Policy Options*. Edited by Arild Angelsen. Pp. 201-11. Bogor, Indonesia: CIFOR.
- 16. Agrawal, A.** 2009. Local institutions and adaptation to climate change. In *Social Dimensions of Climate Change: Equity and Vulnerability in a Warming World*. Eds. Robin Mearns and Andrew Norton. Pp. 173-98. Washington DC: The World Bank.
- 15. Agrawal, A.** 2009. Climate adaptation, local institutions, and rural livelihoods. In *Adapting to Climate Change: Thresholds, Values, Governance*. Eds. W. Neil Adger, Irene Lorenzoni, and Karen L. O'Brien. Pp. 350-67.
- 14. Agrawal, A.** and E. Ostrom. 2008. Decentralization and community-based forestry: Learning from experience. In *Decentralization, Forests, and Rural Communities* (eds.) Ganesh Shivakoti and Edward Webb. New Delhi: Sage Publications.
- 13. J. Ribot, A. Agrawal,** and A. Larson. 2007. Recentralizing while decentralizing: How national governments re-appropriate forest resources. In *Globalization and Self-Determination*. Edited by Gustav Ranis and David Cameron. Pp. 301-31. New York: Routledge.
- 12. Agrawal, A.** 2006. Environmental Transformations and the Values of Modernity. In *Forging Environmentalism: Justice, Livelihood, and Contested Environments*. Pp. 347-59. Edited by Joanne Bauer. Armonk: M.E. Sharpe
- 11. Agrawal, A.** 2005. The Politics of Indigenous Knowledge. In *Australian Indigenous Knowledge and Libraries*, edited by Martin Nakata and Marcia Langton. Kingston: AARL
- Agrawal, A.** 2005. The Indian Parliament as an Institution of Accountability. In *India's Political Institutions*. Eds. Devesh Kapoor and

Pratap C Mehta. Delhi: Oxford University Press.

10. Sivaramakrishna, K. and **A. Agrawal**. 2003. Regional Modernities. In *Regional Modernities: Cultural Politics of Development*. Eds. K. Sivaramakrishnan and Arun Agrawal. Stanford University Press. Fall 2003. (With K. Sivaramakrishnan).
09. **Agrawal, A.** 2003. Indigenous Decision-making and Hierarchy in Migrating Pastoralist Collectives: The Raikas of Western India. In *Nomadism in South Asia*, edited by Aparna Rao and Michael Casimir. Pp. 419-47. Delhi: Oxford University Press.
08. **Agrawal, A.** and N. Yokozuka\*. 2002 Environmental Capacity Building: India's Democratic Politics and Environmental Management. In *Capacity Building in National Environmental Policy: A Comparative Study of 17 Countries*, edited by Helmut Weidner and Martin Janicke, pp. 239-60, Berlin: Springer-Verlag.
07. **Agrawal, A.** 2002. Common Resources and Sustainable Governance. In *Institutions for Managing the Commons*. (eds) Elinor Ostrom, Thomas Dietz, Nives Dolsak, Paul Stern, Susan Stonich, and Elke Weber. Pp. 41-85, Washington DC: NAS Press (longer revised version of the paper published in *World Development* under the title "Common Property Institutions and Sustainable Governance of Resources")
06. **Agrawal, A.** and K. Sivaramakrishnan. 2001. Agrarian Environments. In *Agrarian Environments: Risks, Representations, and Rule in India*. Eds. Arun Agrawal and K. Sivaramakrishnan. Pp. 1-22. Durham, NC: Duke University Press. (With K. Sivaramakrishnan).
05. **Agrawal, A.** 2000. Community and Natural Resource Conservation. In *Nature, Production, Power: Towards an Ecological Political Economy*. Pp. 35-55. Eds. Fred Gale and R. Michael McGonigle. London, UK: Edward Elgar.
04. **Agrawal, A.** 2000. Small is Beautiful but is Larger Better? Forest Management Institutions in the Kumaon Himalaya, India. In Clark Gibson, Margaret A. McKean, and Elinor Ostrom (eds) *People and Forests: Communities, Institutions, and Governance*. pp. 57-85. Cambridge: MIT Press.
03. **Agrawal, A.** 1999. Community-in-Conservation: Tracing the Outlines of an Enchanting Concept. In Roger Jeffrey and Nandini Sundar (eds) *A New Moral Economy for India's Forests: Discourses of Community and Participation*. pp. 92-108. New Delhi : Sage Publications.
02. **Agrawal, A.** 1998. Not Having One's Cake, Nor Eating It: Intellectual Property and Indigenous Knowledges. (In German). In Michael Flitner / Christoph Goerg / Volker Heins (eds) *Die politische Entwicklung der Natur: Neue Konflikte um Biologische Ressourcen*. Opladen: Leske & Budrich.
01. **Agrawal, A.** 1994. Rules, Rule-making and Rule-breaking. In *Rules and Games*, E. Ostrom, R. Gardner and J. Walker. pp. 267-82. East Lansing: Michigan University Press.

#### Other Publications

18. Brockington D, Adams WM, Agarwal B, Agrawal A, Büscher B, Chhatre A, Duffy R, Fletcher R, Oldekop JA. Working governance for working land. *Science* 362 (6420), 1257-1257
17. N Kaur, D Steinbach, **A Agrawal**, C Manuel, S Saigal, A Panjiyar. 2018. Building resilience to climate change. IIED Working paper, London: IIED
16. Erbaugh, J.\*, & Agrawal, A. (2017). Clarifying the landscape approach: A Letter to the Editor on "Integrated landscape approaches to managing social and environmental issues in the tropics". *Global Change Biology*. 23 (11), 4453-4454.
15. Bakkegaard, R. Y., **Agrawal, A.**, Animon, I., Hogarth, N. J., Miller, D. C., Persha, L., ... & Zezza, A. (2016). National socioeconomic surveys in forestry: Guidance and survey modules for measuring the multiple roles of forests in household welfare and livelihoods (No. FAO Forestry Paper no. 179, p. 172p). FAO, CIFOR, IFRI, World Bank, Rome, Italy.
14. Liao, C., S. Jung, D. G. Brown, **A. Agrawal**. 2016. Insufficient research on land grabbing. *Science* 353: 131.
13. **Agrawal, Arun**. 2014. Matching and mechanisms in protected area and poverty alleviation research *PNAS USA* 111: 3909-10.
12. **Agrawal, Arun** and Jesse Ribot. 2014. Are Ostrom's design principles sufficient for design? *Policy Matters*.19: 112-115.
11. **Agrawal, A.** and K. Redford. 2007. Conservation and Displacement. In *Protected Areas and Displacement*. Working Paper #29. New York: Wildlife Conservation Society.
10. Lemos, M. and **A. Agrawal**. 2007. A Greener Revolution in Making? Environmental Governance in the 21<sup>st</sup> Century." *Environment* 49(5): 36-45.
09. **Agrawal, A.**, G. Yadama, R. Andrade, and A. Bhattacharya. 2006. Decentralization and Environmental Conservation: Gender Effects of Participation in Joint Forest Management. CAPRI Working Paper,

Washington DC: CAPRI.

**08. Agrawal, A.** and K. Redford. 2006. Poverty, Development, and Biodiversity Conservation: Shooting in the Dark? WCS Working Paper # 26. Bronx, NY: WCS.

**07. Agrawal, A.** 2002. Resource Institutions. Entry in the *International Encyclopedia of the Social and Behavioral Sciences*. Eds. Neil Smelser and Paul Baltes.

**06. Agrawal, A.** 2000. The Ethnographer's Kaliyugaya: A comment. *Current Anthropology*. **Agrawal, A.**

1997. Community-in-Conservation. Paper prepared for the Ford Foundation and the Conservation and Development Forum. University of Florida, Gainesville.

**05. Agrawal, A.** 1995. Indigenous and Scientific Knowledge: Some Critical Comments. Article and exchange in *Indigenous Knowledge and Development Monitor* 3(3-4), 4(1-2).

**04. Agrawal, A.** 1995. Overpopulation=Resource Degradation: An Oversimplistic equation? *Unasylva*. 46(2): 50-58.

**03. Agrawal, A.** 1994. I Don't Need it But You Can't Have it: Analyzing Institutional Conflicts Between Farmers and Pastoralists. Pastoral Development Network 36a, London: ODI, pp. 36-55.

**02. Agrawal, A.** 1993. Patenting Gene Fragments. *Economic and Political Weekly* 28(22): 1089-93.

**01. Agrawal, A.** 1992. The Grass is Greener on the Other Side," IIED Issues Paper, London: Overseas Development Institute.

#### Grants/Honors

-2016-21. Samuel Trask Dana Professor of Governance and Sustainability.

-2016: STEP Best paper award from American Political Science Association for "Arun Agrawal, Elisabeth Gerber, Ashwini Chhatre. 2015. Motivational Crowding in Sustainable Development Interventions:

Assessing the effects of multiple treatments. *American Political Science Review* 109: 470-87"

-2016-2021 (PI) CNH-L: Land transactions and investments: Impacts on agricultural production, ecosystem services, and food-energy security. **NSF-CNH** 1.6M. (Daniel Brown, Jane Southworth, Co-PIs).

-2016: (PI) Impacts of large-scale land acquisitions on local women's land and forest tenure rights: Case studies from western Ethiopia. **Rights and Resources Initiative**. 68K (Reem Hajjar, Chuan Liao, Co-PIs).

-2016-18 (Co-PI) Global Dependence of Livelihoods on Forests and the Impacts of Forest Investments:

Disaster Recovery in Nepal-**NSF RAPID**. 124K (Elisabeth Gerber, PI).

-2015-20: (Co-PI) Large-Scale Land Transactions as Drivers of Land-Cover Change in Sub-Saharan Africa. **NASA**. 891K (Dan Brown, PI)

-2014-15: (PI) Integrating forest commons and global datasets. **Center for International Forestry Research (CIFOR)** 153K

-2014-19: (PI) Forest Dependence and effectiveness of forest interventions to support livelihoods. **Department for International Development**. 3.1M.

-2014-16 (PI) International Institute for Education (State Department). Climate change mitigation, avoided deforestation and commodity agriculture. **Global Innovation Initiative**. 250K (Pete Newton, Lini Wollenberg, Co-PIs)

-2013: (PI): Enhancing causal inference for forest commons outcomes, **Rights and Resources Initiative** 60K.

-2013-16: (Research PI). Assessing the impacts of community lands protection (**NAMATI**, 50K, PI: Heather LaRue McGee)

-2013-14: (PI) Water Demand Management for Improved Adaptation by Small Farmers in Semi-Arid India, **Engility** (100K, CoPI: Heather LaRue McGee)

-2012-13: **SESYNC** Venture and Foundation grants for 5 workshops (Co-PI: Peter Newton)

-2011-12: **John Simon Guggenheim Foundation** Fellow.

-2011-13: (PI) Studying Poverty, Agricultural Risks and Coping Strategies (SPARCS), **Gates** Foundation, 146K.

-2012-2013: (PI): Mapping forest cover and poverty globally. **Rights and Resources Initiative**. 239K

-2011-13: (PI), Livelihoods, carbon, and the governance of the agro-forest frontier. (**CCAFS**) 145K

-2011-14: (UM PI). The Emergence of Adaptive Governance Arrangements for Tropical Forest Ecosystems, **NSF**, 161K (Lead Organization, UC Boulder, Lead PI. Krister Andersson)

-2011-14: (Co-PI) Great Lakes Assessment for Adaptation in Cities (GLAA-C), **Kresge** Foundation, (PI Donald Scavia), 600K.

-2011-14: (PI, with Maria Lemos) Great Lakes Assessment for Adaptation in Cities (GLAA-C), **Graham Institute**, U. Michigan (Co-PIs – Elisabeth Gerber, Larissa Larsen, Marie O'Neill, Rick Rood), 600K

-2011-13: (PI): Explaining Protected Area (PA) Outcomes in the Andes-Amazon Region. Gordon and Betty

**Moore** Foundation, 399K.

-2010-13 (Co-PI): Livelihoods, biodiversity, and carbon in forest commons in Tanzania. **3le** (PI – Lauren Persha) 399K

-2010-12 (Co-PI): “Do Institutions Affect the Attitudes and Behavior of Constituents? Evidence from an Environmental Management Program in India, **NSF, SBER** (PI- Elisabeth Gerber) 200K.

-2010-12 (PI): Passive forest management and forest quality.” (Co-PI – Lauren Persha). McIntire-Stennis, **USDA**, 60K.

-2010-11 (Co-PI): Governance, institutions and incentives for climate change mitigation and livelihoods at the forest-farm interface. (PI – Lauren Persha) **CCAFS**.117K.

-2009-12 (Co-PI): (Grassland Ecosystems and Societal Adaptations Under Changing Grazing Intensity and Climate on the Mongolian Plateau. **NASA-LCLUC** (PI -- Daniel Brown, Co- PIs -- A. Agrawal, K. Bergen, Y. Xie, W. Welsh (EMU) (900K)

-2008-10 (PI): Exploring the Conservation Investments Landscape and the Role of Aid in the effectiveness of Conservation Programs. *Advancing Conservation in a Social Context*, University of Arizona, **MacArthur Foundation** (75K)

-2007-13 (PI): “Environmental Governance, Forests, and Logging Concessions: The Effects of Institutional Complexity on Forest Systems, Cover and Change in Central Africa.” **NSF-CNH** (Co-PIs – Daniel Brown, Rebecca Hardin, Tom Lyon, and Rick Riolo) (1.5M.)

-2007-10 (PI): **Ford** Foundation. International Forest Resources and Institutions Program. (250K)

-2006-11 (PI): Supplemental Grant Proposal on Human Environmental Systems Interactions.” (Co-PIs – Daniel Brown and Rick Riolo) **NSF: HSD** (44K)

-2006-10 (PI): **MacArthur** Foundation “Training and Capacity Building for IFRI” (305K).

-2005-08 (PI): Program in Human-Environmental Systems Interactions. (with Co- PI’s: Dan Brown and Rick Riolo). **NSF-HSD** (497K)

-2005-06 (PI): Local Environmental Institutions and Participation. **CLOSUP** (UM). (24K).

-2004-06 (Co-PI): Collaborative Research on Community Management of Forests in Developing Countries. **Ford** Foundation (Elinor Ostrom (PI), Krister Andersson (Co-PI)) 300K.

-2003-04: **William Dawson Scholar**, McGill University, Canada.

-2003-2006 (PI): Institutional Regimes and Their Impact on Resource Management Outcomes in Himachal Pradesh, India. **Social Science and Humanities Research Council**, Canada (125K CA\$).

-2001-2004 (Co-PI): Globalization and Self Determination. **Carnegie Foundation** (With Geoffrey Garrett (PI) and Gustav Ranis (Co-PI)), 445K.

-2000-2001: Senior Faculty Fellowship, **Yale** University.

-2000-05 (PI): Grant from the **MacArthur** Foundation to investigate decentralization and community based resource management (with Elinor Ostrom as Co-PI), 360K.

-1999: **Arthur Greer** Memorial Research Prize (social and natural sciences) junior faculty, Yale University.

-1999-2002 (Co-PI): Rethinking Area Studies. **Ford** Foundation (Gustav Ranis (PI), Patricia Pessar, Eric Worby (Co-PIs)), 150K.

-1999-2002 (PI): Property Rights and Resource Condition. **NSF** (US\$85K).

-1999-2001 (Associate): NGO Research Training Consortium grant, **DfID**, England. (With David Mosse as PI), in collaboration with Center for Development Studies, Swansea. (Withdrawn 2000).

-1997-2000 (Co-PI): Grants from **MacArthur Foundation, UNDP**, and **FAO** to study Forest Management in Arunachal Pradesh, India and Nepal, and Decentralization of Development Administration in Nepal (Co-PI: Elinor Ostrom, (125K)

-1996-97: **Post-doctoral Fellow**, Workshop in Political Theory and Policy Analysis, Indiana University, Bloomington.

-1995-96: Senior Scholars fellowship from the **American Institute for Indian Studies** to carry out fieldwork in India on indigenous knowledge.

-1995-96: Postdoctoral fellowship, **Program in Agrarian Studies**, Yale University.

-1995-98 (PI): Research grant from the **Aspen** Institute, to support ongoing research on democratic consolidation and voluntarism in India (35K)

-1994-95 (PI): Advanced Research Grant from the **SSRC**, USA, to support research on community-based forest management in the Indian Himalayas.

-1993: **Best Dissertation in Political Economy** Award from the *American Political Science Association*.

-1991-93: **Ciriacy-Wantrup** post doctoral fellowship from the University of California at Berkeley.

-1991-95 (PI): Research Grant from the **WWF**, USA to study local institutions and resource use in Indian

and Bhutanese Himalayas. (25K)

-1990: Research Grant from **IIED**, London to study the migration patterns of Raikas, shepherds in India.

-1989-90: **Population Council** Fellowship for dissertation field research.

-1989-90: Dissertation research grant from **Forest History Society**. (Postponed until 1990-91).

-1989: Dissertation Research Grant from **Institute for the Study of World Politics** (Not availed).

## Invitations

2010: Multiple outcomes in social ecological systems. University of Alaska, Fairbanks.

2010: Social Science and people. Institute of Development Studies, Sussex (**Keynote**)

2010: Decentralization: Mechanisms of influence and control. North American IASC conference, Arizona State University (**Keynote**)

2009. Climate adaptation and rural livelihoods. Uppsala University, Sweden. 2009. National Adaptation Plans of Action. SIDA, Stockholm, Sweden.

2008. Win-Wins or tradeoffs: Carbon, community, and livelihoods on forest commons, Oslo, Norway. RRI Conference on "Forests and Climate Change".

2008: Making people and the environment. Uppsala University, Sweden. (**Keynote**)

2008. Forests and property rights. Rights and Resources Initiative, Beijing. (**Keynote**)

2008. Adaptation, and the NAPAs. Tyndall Center, London (conference)

2008. Adaptation, Institutions, Livelihoods. World Bank

2008. Environmental Governance and legal pluralism. Duke University.

2008. Adaptation and Local Institutions, Rutgers University.

2008. Indigenous Knowledge/Power. Bowdoin College. **Keynote**.

2008. Adaptation to climate change. Washington University; University of Arizona, Rutgers University.

2007 October. Communities and forest commons. ICEN Communities and Environment Conference.

### **Keynote**

2007. April. Forest commons, biodiversity, climate change, and livelihoods. Ecology/ Evolution seminar series, University of California, Davis.

2007. Do people matter in social science analyses of the environment? Paper presented at the University of Otago, New Zealand and Harvard University. **Keynote**

2007. Community institutions and resource governance. Paper presented at the World Bank, Social Development Conference on Mobilizing Rural Institutions. February 12.

2006. June. Environmental Governance, Community, and Pluralism. Paper presented at the Conference on "Facing social transformations in the 21st century: A conference on inequality, pluralism and environment. UNESCO-CERES, Utrecht University, 29-30 June.

2006. Conservation and Displacement. WCS Workshop. White Oaks, Florida. **Keynote**

2006. Institutional Choice and Resource Governance. CASA, Stanford University.

2006. Qualitative Analysis of Regression Residuals. CID, Kennedy School, Harvard University.

2006. Field research, science, and ethics: The role of randomized field trials in research on sustainable development. SSRC workshop, Cambridge.

2006. Environmental Governance. CID, Kennedy School, Harvard University.

2005. Property Rights, Politics, and Renewable Resource Governance in Developing Countries: 1980-2000. USAID, Washington DC.

2005. The Making of Environmental Subjects. SED Group. Kennedy School of Government, Harvard University, Cambridge.

2005: Indigenous Power/Knowledge. Program in Agrarian Studies, Yale University.

2005. Field Research, Science, and Ethics. FES, Yale University.

2005. Environmentality. World Bank, Washington DC.

2005 January and February: Poverty Alleviation and Biodiversity Conservation, Biodiversity: Science and Governance conference, Paris; MacArthur Foundation, Arizona meeting; University of California, San Diego (April). (**Keynote**)

2005 January: Chair and paper presenter: Biodiversity and appropriation regimes, UNESCO, Paris.

2004 June: Indigenous Knowledge and Power, International Conference on Ethnobiology, Kent University, UK. (**Keynote**)

2004 June: Decentralization of resource policies in the developing world, 1980-2005. Two seminars on presented at the CHAOS-Cambridge University Press seminar series at University of Washington, Seattle.

2002 October: Making Ethnic Subjects. Laboratory in Comparative Ethnic Processes (LICEP), UCLA.

**Workshops**

1997: Agrarian Environments (with K. Sivaramakrishnan, at Yale University). Workshop papers published as *Agrarian Environments* by Duke University Press.

1998: Regional Modernities in Stories and Practices of Development. (With K. Sivaramakrishnan, at Yale University). Workshop papers published as *Regional Modernities* Stanford University Press.

1999-2000: Decentralization and Development (With Jessica Stites and Maria Murillo at Yale University).

1999: Training program in Forest Management and Institutions, Kathmandu Nepal.

2000: The Nation-State, Development, and Decentralization (With Gautam Yadama at Washington University, St. Louis).

2000: Social Movements and Development (with Rachel Seher at Yale University).

2000: Environment and Development: Power and Place (With Eric Worby and Rebecca Hardin at Yale University).

2000: Agrarian Studies 2000 Conference (With James C. Scott).

2000-2001: South Asianist Speakers at Yale.

**Reports**

13. Changing futures, choices, and contributions of forests. Background paper prepared for UNFF10, United Nations Forum on Forests New York, UNFF (with John Hudson and Daniel Miller). 66pp.

12. 2013. Economic contributions of forests. Background Paper 1 for UNFF10, United Nations Forum on Forests: New York (with Gill Shepherd, Catherine Benson, Rebecca Hardin, Ben Cashore, Daniel Miller). 132 pp.

11. 2012. Assessing the Effectiveness of Democratic Accountability Mechanisms in Local Governance. Paper prepared for USAID, Management Systems International (with Jesse Ribot)

10. 2011. Area-based development, local institutions, and climate adaptation: A comparative analysis from West Africa and Latin America. Social Development Department, World Bank. Washington DC. (With Robin Mearns, Nicolas Perrin, and Minna Kononen.

09. 2009: Mobilizing rural institutions. Report Prepared for the Social Development Department, World Bank, Washington DC (With N. Perrin).

08. 2009: Stripe Review of the social sciences in the CGIAR. CGIAR Science Council Secretariat. FAO (with C. Barrett, O. Coomes, and J-P Platteau.

07. 2008: Adaptation, institutions, livelihoods. Report prepared for the Social Development Department, World Bank, Washington DC.

06. 2006: Evaluation report for the Rights and Responsibilities Cooperative Agreement between WRI and USAID; and a paper on "The Future of Natural Resource Governance."

05. 2003: Wildlife Conservation Society: Assessing the Requirements for Growth in the International Program. Report Submitted to the Wildlife Conservation Society, New York. (With Steven Cobb).

04. 1999: Conservation with Communities: Parks and People Program in Nepal. Report submitted to the United Nations Development Program, Nepal.

03. 1998: Decentralization in Comparative Perspective: The Participatory District Development Program in Nepal. Report submitted to the United National Development Program, Nepal.

02. 1991: The Grass is Greener on the Other Side, Report submitted to the International Institute for Environment and Development, London.

1989: Voluntary Organizations and Afforestation Programs in India, Report submitted to the Center for Philanthropy and Voluntarism, Duke University.

01. 1986: Effectiveness of Voluntary Organizations in India, report submitted to the Indo-German Social Service Society, India.

**Service**

Editor-in-Chief, *World Development*, January 2013 onward.

Research Associate Dean, SNRE, U. Michigan (2009-11)

Coordinator: International Forestry Resources and Institutions Program (2006 onward)

Lead author, IPCC AR5, chapter on Livelihoods and Poverty (2010-14).

Member, NSF-IGERT evaluation panel, 2010

Member, Fellowship selection panel, ACLS, 2009, 2010, 2011

Section Chair, Environmental Policy and Politics, MPSA, 2007

Associate Editor, *Journal of Asian Studies* (2006-08)

Co-Chair, IDRF selection committee, Social Science Research Council (2008); Member in 2006, 2007

Member, Selection panel for fellowships, American Institute of Indian Studies (2005-07) Member, evaluation panel for MacArthur Foundation's Research and Writing grants (2004)

Member, Political Science Advisory Panel (2003-05), *National Science Foundation* Member, Editorial Board, *Conservation and Society, Environment, Human Ecology, and Studies in Comparative International Development*

Member, South Asia Council Program Committee, Association for Asian Studies (2002-04) Member, LiCEP (Laboratory in Comparative Ethnic Processes) 2002-03

Member, Holdeen Board of Advisers, UUA (2001-03)

Member, Franklin L. Burdette Pi Sigma Alpha Award Committee to select the best paper presented at APSA, 2001

Member, Executive Council, International Association for the Study of Common Property, 2000-2003

Member of the Scientific Planning Committee of the IDGC project (International Human Dimensions Program), 1997-98

Member of the committee to judge Best Article in Comparative Politics for 1996-97--American Political Science Association (APSA)

Member of the executive committee of the Political Economy Section in 1994-95 (APSA)

Member of the committee to judge the "Best Dissertation in Political Economy, 1994-95 (APSA)

Panel organizer at meetings of the American Political Science Association, American Anthropology Association, Association of American Geographers, International Association for the Study of Common Property, Association for Asian Studies, and South Asian Studies Association

Book Reviewer for Chicago, Columbia, Duke, Minnesota, Princeton, and Yale University Presses, and Plenum Press

Journal article reviewer for *Ambio, American Anthropologist, American Journal of Agricultural Economics, Asian Survey, Bioscience, Biodiversity Conservation, Capitalism, Nature, Socialism, Comparative Political Studies, Conservation Society, Conservation Biology, Conservation Ecology, Cultural Anthropology, Current Anthropology, Development and Change, Economic Geography, Economic Development and Cultural Change, Human Ecology, Human Organization, Journal of Asian Studies, Journal of Conflict Resolution, Journal of Development Studies, Peace and Change, PNAS, Science, Society and Natural Resources, Studies in Comparative International Development, Unasylva, and World Development*

Grants and proposals reviewer for the American Council of Learned Societies, Conservation International, International Foundation for Science, MacArthur Foundation, National Science Foundation, Research Council of Norway, Shastri Institute, Canada, Social Science and Humanities Research Council, Canada, Social Science Research Council, and Wildlife Conservation Society.

## Teaching

### Graduate

International Environmental Governance, Social Theory and the Environment; Politics of Natural Resources; Imperialism, Conservation and Development; Common Property Resources; Politics of Development; Politics of Agrarian Societies; Analytic Comparative Politics, Environment and Development; Qualitative Research Methods; Politics and Change in South Asia; Writing Research Proposals.

### Undergraduate

Introduction to Comparative Politics; Politics of Development and Environment; Modernity and Ethnicity; Introduction to Asian Politics; Indian Politics, Environment and Development, Society and Environment, Sustainable Development: Dilemmas of Power and Place; Climate Change and Adaptation.

### Selected Supervision (current)

*Postdoctoral Fellows: Year 3: Sarah Wilson; Year 2: Chuan Liao, Suhyun Jung; Year 1: Wenman Liu, Alison Kelly, Francesca McGrath.*

*PhD committee Chair: James Erbaugh, Jennifer Zavaleta; Co-chair: Jonathan Sullivan, Raghav Reddy*

*MS Committee Chair: Andrew Kinzer*