

Brian Dowd-Uribe

University for Peace, Department of Environment and Development
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Education

Ph.D., 2011, Environmental Studies, University of California Santa Cruz

Dissertation: “Engineered Outcomes: The State and Agricultural Reform in Burkina Faso”

Dissertation Committee: Daniel Press, David Goodman, Jim Bingen, and Carol Shennan

M.A., 2008, Environmental Studies, University of California Santa Cruz

B.S., 1999, Ecology, Behavior, and Evolution, Revelle College, University of California San Diego

B.A., 1999, Latin American Studies, Revelle College, University of California San Diego

Research and Teaching Interests

Interdisciplinary social scientist with research and teaching interests in agroecology, food systems, political ecology, international development, and water security. Regional interests include sub-Saharan Africa (Burkina Faso), Latin America (Costa Rica) and the USA (California and New York City).

Professional Work Experience

University for Peace, October 2012 - Current

- **Chair**, Department of Environment and Development, August 2014 - current
- **Assistant Professor**, Department of Environment and Development
 - Courses
 - Sustainable Agriculture: People, Practices and Policies
 - Food Security and Food Sovereignty
 - Water, Security and Peace
 - Human Vulnerabilities and Climate Change Adaptation
 - Environment and Development
 - Advanced Research in Environment and Society

American University, August 2014 – Current

- **Adjunct Professorial Lecturer**

Columbia University, September 2011 – Current

- **Adjunct Research Scientist**, Earth Institute, Center for Research on Env. Decisions (current)
- **Postdoctoral Research Scientist**, Earth Institute, Center for Research on Env. Decisions
 - Lead researcher on two projects; one explores decision processes in decentralized water governance committees in Burkina Faso; the second examines the environmental and social impacts of community gardens in East Harlem, NYC.

Santa Clara University, July 2010, August 2011

- **Lecturer**, Environmental Studies Institute
 - Introduction to Environmental Science, Summer 2010, 2011

University of California, Santa Cruz, March 2008 – August 2011

- **Lecturer**, Environmental Studies Department
 - Sustainable Development in Africa, Summer 2008 – 2011
 - Environmental Interpretation, Spring 2008 – 2011

Mountains Recreation and Conservation Authority, February 2002 – January 2004

- **Urban Parks Program Specialist**, Los Angeles, CA

United States Peace Corps, September 1999 – November 2001

- **Environmental Protection Volunteer**, Togo, West Africa

Publications

A. Edited Journal Issues

Dowd-Uribe B., Glover, D., and M. Schnurr, 2014. “Seeds and places: The geographies of transgenic crops in the global south.” *Geoforum* 53: 148-194.

Dowd-Uribe B., 2013. “Key Debates in Food and Agriculture.” *Peace and Conflict Monitor*. Available at: http://www.monitor.upeace.org/innerpg.cfm?id_article=992

B. Refereed Journal Articles

Dowd-Uribe B., 2014. “Liberalization Failed: Understanding persistent state power in the Burkinabè cotton sector.” *Development Policy Review*. 32(5): 545-566.

Hilimire, K., S. Gillon, B. McLaughlin, **B. Dowd-Uribe**, and K. Monsen, 2014. “Food for thought: Developing curricula for sustainable food systems education.” *Agroecology and Sustainable Food Systems*. 38(6): 722-743.

Dowd-Uribe B., Schnurr, M. and D. Glover, 2014. “Seeds and places: The geographies of transgenic crops in the global south.” An Introduction to the Special Issue. *Geoforum* 53: 145-148.

Dowd-Uribe B., 2014. “Engineering yields and inequality? How institutions and agro-ecology shape Bt cotton outcomes in Burkina Faso.” *Geoforum* 53: 161-171.

Gray, L., & **B. Dowd-Uribe**, 2013. A political ecology of socio-economic differentiation: debt, inputs and liberalization reforms in southwestern Burkina Faso. *Journal of Peasant Studies*, 40(4), 683-702.

Zerbe N., and **B. Dowd-Uribe**, 2012. “Reclaiming Food Sovereignty in Africa Introduction to the Special Issue of the ACAS Bulletin on Food Sovereignty.” Association of Concerned Africa Scholars (ACAS) Bulletin #88, Food Sovereignty in sub-Saharan Africa, pgs 1-3.

Dowd-Uribe B., C. Roncoli, and B. Orlove, 2012. “Water grows food: dry season farming, food sovereignty, and integrated water resource management in Burkina Faso.” Association of Concerned Africa Scholars (ACAS) Bulletin #88, Food Sovereignty in sub-Saharan Africa, pgs 11-19.

- Dowd-Uribe B.M.**, and J. Bingen, 2011. "Debating the merits of biotech crop adoption in sub-Saharan Africa: distributional impacts, climatic variability and pest dynamics." *Progress in Development Studies* 11(1): 63-67.
- Dowd B.M.**, 2008. "Editorial: A March to a Better Future for Africa's Poor? The Introduction of Genetically Engineered Cotton in Burkina Faso." *African Geographical Review* 27: 17-21.
- Dowd B.M.**, D. Press, and M. Los Huertos, 2008. "Agricultural non-point source pollution policy: the case of California's Central Coast." *Agriculture, Ecosystems, and the Environment* 128: 151-161.

C. Book Chapters

- Orlove, B., C. Roncoli, and **B. Dowd-Uribe**, *In Press*. "Fluid entitlements: water politics in Burkina Faso, West Africa." In: *Waterworlds: Anthropology in Fluid Environments*, edited by Kirsten Hastrup and Frida Hastrup, University of Copenhagen
- Dowd B.M.** 2008. "Organic Cotton in Africa: A New Development Paradigm?" In Moseley W.G. and Gray L. (eds): *Hanging by a Thread: Cotton, Globalization and Poverty in Africa*. Athens, OH: Ohio University Press.

D. Refereed Journal Articles *In Preparation*

- Gray, L.C., and J. Kaminski and **B. Dowd-Uribe**, "Weaving cotton-led development?: Liberalization, cotton farmer organizations and rural development in Burkina Faso" Target Publication: *Journal of Agrarian Change* (projected submission, February 2015).
- Dowd-Uribe B.**, and R. Fletcher, "Transgenics and Society: Closing the Conceptual Gap," Target Publication: *Development and Change* (projected submission, June 2015).
- Dowd-Uribe B.**, C. Roncoli, M. Jackson and B. Orlove, "The role of stakeholder participation in water conflict: A comparative analysis of integrated water resource management" Target Publication: *Society and Natural Resources* (projected submission, August 2015).
- Roncoli, C., **B. Dowd-Uribe** and B. Orlove, "Participation and Boundary Organizations: Exploring whether IWRM addresses equity in southwestern Burkina Faso." Target Publication: *Environmental Science and Policy* (projected submission, September 2015).
- Orlove, B., C. Roncoli and **B. Dowd-Uribe**, "Fluid entitlements: constructing and contesting water allocations in Burkina Faso, West Africa." *American Ethnologist* (projected submission December 2015).
- Petrovic, N., T. Simpson, **B. Dowd-Uribe**, and B. Orlove, "The environmental and social dimensions of community gardens: Insights from a case study of East Harlem." Target Publication: *Annals of the Association of American Geographers* (projected submission, December 2015).
- Dowd-Uribe B.**, C. Roncoli, and B. Orlove,, "Is market gardening compatible with food sovereignty? Insights from a case study of small-scale micro-irrigated vegetable production in southwest Burkina Faso." Target Publication: *Agriculture and Human Values* (projected submission, December 2015).

E. Book Reviews * I co-authored these reviews as part of the CenTREAD working group

- 2007 * The Center for Tropical Research in Ecology, Agriculture and Development (CenTREAD) Working Group. 2007 A Book Review of Zimmerer, K. S. (Ed.). (2006). Globalization & New Geographies of Conservation. Chicago: University of Chicago Press. In *The Journal of Environment & Development* 16: 345-346.
- 2005 * The Center for Tropical Research in Ecology, Agriculture and Development (CenTREAD) Working Group. 2005. *Farmers and the Forest: Can Agroforestry Actually Conserve Biodiversity?* A Book Review of Schroth, G., G. A. B. da Fonseca, C. A. Harvey, C. Gascon, H. L. Vasconcelos, and A-M. N. Izac, (eds) 2004. Agroforestry and Biodiversity Conservation in Tropical Landscapes. Island Press, Washington, D.C. In *Conservation Biology* 19: 2043-2045.

Grants/Awards

- 2010 Student Paper Award, African Specialty Group of the Ass. of American Geographers
- 2010 Participant, African Studies Multi-Campus Research Group, Dissertation Workshop
- 2009 National Science Foundation Doctoral Dissertation Research Improvement Award, Geography and Regional Sciences, Award number: BCS-0902588
- 2009 Earthbound Farm Environmental Stewardship Award, and Renewal Award
- 2009 Center for Tropical Research in Ecology, Agriculture and Development (CenTREAD) Award (also awarded in 2005, and 2007)
- 2008 Environmental Studies Teaching Assistant Award
- 2008 UC Santa Cruz Graduate Division TA Sabbatical Fellowship
- 2008 Environmental Studies Departmental Award (also awarded 2005-2007)
- 2004 University of California Santa Cruz, Dean's Fellowship
- 1997 Ernest L Mott Leadership Award, Revelle College, UC San Diego

Conference Activity and Presentations

A. Conference Papers, Posters and Presentations

- 2014 **Dowd-Uribe, B.**, C. Roncoli, and B. Orlove, "Exploring linkages between agricultural sectors and agroecological practices: how cash crop-led development affects small-scale irrigated dry season production." *International Symposium on Agroecology for Food Security and Nutrition*, UN FAO Headquarters, Rome, September 18th and 19th, 2014.
- 2013 Jackson M. and **B. Dowd-Uribe**, "Participatory Processes in Global Perspective." *Water Security and Peace Conference*, The Peace Palace, the Hague, Netherlands, November 14th and 15th, 2013.
- Dowd-Uribe B.**, C. Roncoli, B. Orlove, and C.T. West, "Is market gardening compatible with food sovereignty? Insights from a case study of small-scale micro-irrigated vegetable production in southwest Burkina Faso." *Food Sovereignty: A Critical Dialogue*, Yale University, September 14th and 15th, 2013.
- 2012 Roncoli C., **B.M. Dowd-Uribe** and B. Orlove "Currents of change: Local and transboundary issues in integrated water resource management in Burkina Faso (West Africa)." *The Society for Applied Anthropology Annual Meeting*, Baltimore MD, March 27th 2012.

- Roncoli C., **B.M. Dowd-Uribe**, B. Orlove, M. Sanon, L. Somé, J. Sanfo, J. Zougrana, P. Kirshen, D. Etkin, G. Hoogenboom. 2012. Addressing Scarcity and Conflict over Water Resources in Southwest Burkina Faso." Paper presented at a Seminar on *Regards Croisés sur les Enjeux du Changements Climatiques en Afrique de l'Ouest. GIS Climat-Environnement-Société, Université Pierre et Marie Curie, Paris, France, March 5th 2012.*
- Gray L.C., and **B.M. Dowd-Uribe**. "Agrarian Changes in Cotton Growing Regions of Burkina Faso." *Annual Meeting of the Association of American Geographers*, New York, February 26th, 2012.
- Dowd-Uribe B.M.**, "Exploring the institutional and agro-ecological dimensions of Bt cotton adoption in Burkina Faso." *Annual Meeting of the Association of American Geographers*, New York, February 24th, 2012.
- 2011 **Dowd-Uribe B.M.** "A paradox of liberalization. Understanding persistent state power in the Burkinabè cotton sector." *African Studies Association 54th Annual Meeting*, Washington DC, November 17th 2011.
- Dowd-Uribe B.M.** "Transgenic poverty reduction in Burkina Faso: How institutions and agro-ecology mediate outcomes for smallholder producers." *African Livelihoods Conference, Supplementing/Supplanting the Harvest*, University of Rochester, February 25th 2011.
- 2010 **Dowd-Uribe B.M.** "Genetically Engineered (GE) cotton in Burkina Faso: How domestic governance shapes outcomes for rural producers." *African Studies Association Annual Meeting*, San Francisco, November 20th 2010.
- Dowd B.M.** "The political ecology of Bt cotton introduction in Burkina Faso: informal politics, seed royalties, ginning ratios, and producer outcomes." *Annual Meeting of the Association of American Geographers*, Washington DC, April 14th 2010.
- 2007 **Dowd B.M.**, D. Press, and M. Los Huertos. "Agricultural non-point source pollution policy: the case of California's Central Coast." *4th Annual Water Resources Research Conference*, University of Massachusetts Amherst, April 9th 2007.
- Dowd B.M.**, D. Press, and M. Los Huertos. "Agricultural non-point source pollution policy: the case of California's Central Coast." *10th Annual Global Conference of Environmental Science and Technology*, Kos Island, Greece, September 4, 2007.

B. Conference Panels

- 2014 - Panelist - Empowering Change Agents for Sustainability. *Institute for Global Education Annual Conference*, UPEACE, March 3, 2014.
- 2013 - Panelist – Technology, seed, water and food sovereignty. *Food Sovereignty: A Critical Dialogue*, Yale University, September 14th and 15th, 2013.
- 2012 - Co-Chair – 2 sessions – Genetically Engineered Geographies of the Global South. *Annual Meeting of the Association of American Geographers*, New York, February 24th 2012.
- 2011 - Panelist – The Political Economy of Agricultural Reforms in Africa. *African Studies Association 54th Annual Meeting*, Washington DC, November 17th 2011.

- 2010 - Chair – African Agricultural Change: Power, Technology and Local Livelihoods. *African Studies Association 53rd Annual Meeting*, San Francisco, November 20th 2010.
- Chair – African Political Geographies. *Annual Meeting of the Association of American Geographers*, Washington DC, April 14th 2010.
- Panelist – Field Work in an African Setting III. *Annual Meeting of the Association of American Geographers*, Washington DC, April 14th 2010.

C. Invited Presentations

- 2013 **Dowd-Uribe, B.** “Engineering Yields and Inequality? Bt cotton in Burkina Faso.”
International Institute for Social Studies, The Hague, July 8th, 2013.
- 2012 **Dowd-Uribe, B.** “GMOs in Africa, Villain or Savior?: Exploring the pro’s and con’s of Africa’s largest GM crop introduction.” San Jose State University, March 1st, San Jose, CA.
- 2010 **Dowd-Uribe B.** “Genetically Engineered Politics: The State, GE crops and rural outcomes”
American University, November 9th, Washington DC.
- Dowd-Uribe B.** “Genetically Engineered Politics: The State, GE crops, and rural outcomes in Burkina Faso.” Colby College, November 3rd, Waterville, ME.
- 2005 **Dowd B.M.** “Organic Cotton in sub-Saharan Africa: a New Development Paradigm?” The Environmental Studies Institute, Santa Clara University, December 10th, Santa Clara, CA.

Professional Activities / Service

A. Editorial Service

- Journal of Agroecology and Sustainable Food Systems, 2013, 2014
- Peace and Conflict Monitor, 2013, 2014

B. Peer Review – Academic Journals

- Conservation and Society, 2014
- Environment, Development and Sustainability, 2012
- Environmental Science & Policy, 2012
- Geoforum, 2013
- Journal of Sustainable Agriculture, 2007, 2008, 2010, 2012
- Agroecology and Sustainable Food Systems, 2013(2), 2014

C. Peer Review – Grant Proposals

- National Geographic Society, 2012

D. Referee for Awards

- Student Paper Award, African Specialty Group of the Ass. of American Geographers, 2011

E. University Service

- Department Chair, University for Peace, 2014 - present
- Vice-Chair, Academic Council, University for Peace, 2013-2014
- Program Coordinator, Water, Cooperation and Peace, 2013-present

- Program Coordinator, Sustainable Food Systems Specialization, 2013-present
- Program Coordinator, Environmental Security Master Degree, 2013-present
- Member, Promotions and Evaluation Committee, University for Peace, 2013-present
- Faculty Coordinator, UPEACE Demonstration Farm, University for Peace, 2012-present
- Member, Doctoral Standing Committee, University for Peace, 2012-2013

F. Professional Affiliations

- Co-founder, The New Roots Institute for the Study of Food Studies, 2009
- Association of American Geographers, 2006 to present
- African Studies Association, 2006 to 2011
- Association of Concerned Africa Scholars, 2011 to present
- Political Ecology Working Group (PEWG), UC Santa Cruz, 2005 to 2011

Guest Lectures / Seminars

- 2014 Human Security, University for Peace and University of Technology Sydney, “Climate, Food and Water Security,” July 9th – July 11th.

Problems without Passports: Human Security Issues for the 21st Century, University for Peace and UC Berkeley, “Food Security, History and Scale,” “Food Sovereignty: The New Food Security,” and “Water Security: Mitigating Water Conflicts,” June 4th – 6th

Focus on the Future, Empowering Agents of Change, University for Peace, Institute for Global Education Annual Conference. Keynote Panel with Alicia Jimenez and Neils Christensen, “Empowering Change Agents for Sustainability.” March 3, 2014.

Social Justice, Conflicts and Peace-building in the Global South, University for Peace, “Green Growth, Green Economy: The Road To Sustainable Futures?” Panel discussion with Dr. Swee-Hin Toh, February 19th, 2014.

- 2013 Problems without Passports: Human Security Issues for the 21st Century, University for Peace and UC Berkeley, “Climate Change and Human Vulnerabilities, Core Themes.”

Social Justice, Conflicts and Peace-building in the Global South, University for Peace, “Green Growth, Green Economy: The Road To Sustainable Futures?” Panel discussion with Dr. Swee-Hin Toh.

Redes y Temas Transversales en Estudios de Paz y Conflicto, University for Peace, “Puede la Gestión Integrada de Recursos Hídricos (GIRH) mitigar los conflictos hídricos? El caso de la cuenca del Comoé, Burkina Faso.”

- 2011 Climate and Society, Columbia University, “Building Adaptive Capacity? Current trends in agricultural and health reform and their influence on climate change adaptation in Africa.” Co-presented with Derek Willis.

- 2010 Sustainable Food Systems, UC Santa Cruz, “Organic standards in Africa: Not always what they may seem.”

- 2008 Political Economy and the Environment, UC Santa Cruz, “How to conduct a political economic analysis of an environmental issue, a participatory approach.”

- 2007 Political Economy and the Environment, UC Santa Cruz, “Locating the Political in Political Economy: Subsidies, Liberalization and GEOs in the West African Cotton Sector.”
- Conservation Biology, UC Santa Cruz, “Social Science Perspective of Conservation: Local people and Big Conservation in the global South.”
- 2006 National Environmental Policy, UC Santa Cruz, “Bioplastics: Incorporating Environmental Standards into the New Federal Procurement Program for Bio-Based Goods.”
- 2003 California State Park Rangers Association Annual Conference, invited presentation, “Sensory activities: a practical way to understanding place,” Lake Tahoe, California.

Languages

- Spanish (Fluent speaking, Highly Advanced reading/writing)
- French (Highly Advanced speaking, Highly Advanced reading/writing)

International Experience

- Costa Rica, 10/2012 - Current
- Burkina Faso, 6/2013 – 7/2013, Research Visit
- Burkina Faso, 6/2012 – 7/2012, Research Visit
- Burkina Faso, 1/2012 – 2/2012, Research Visit
- Burkina Faso, 7/2010, Research Visit
- Thailand, Laos, Cambodia, Vietnam, 9/2009 – 12/2009
- Burkina Faso, 7/2009 – 8/2009, 12/2009, Dissertation Research
- Burkina Faso, Niger, Togo, 09/2008 – 03/2009, Dissertation Research
- Burkina Faso, Togo, 10/2007 – 03/2008, Dissertation Research
- France and England, 09/2007 – 10/2007, Dissertation Research
- Benin, Burkina Faso, Mali, Togo, 08/2005 - 09/2005, Graduate Research Visit
- Togo, 12/2003 - 01/2004, Research Visit
- Togo, 09/1999 - 11/2001, Peace Corps Service
- Costa Rica, 03/1999 - 07/1999, Undergraduate Study Abroad Program
- Costa Rica, Nicaragua, Panamá, 01/1997 - 08/1997, Undergraduate Study Abroad

References

- Daniel Press, Professor in the Department of Environmental Studies, and Executive Director of the Center of Agroecology and Sustainable Food Systems, UC Santa Cruz
dpress@ucsc.edu, (831) 459-3263
- Ben Orlove, Professor of International and Public Affairs, and Co-Director of the Center for Research on Environmental Decisions, Columbia University
bs05@columbia.edu, (212) 854-1543
- Leslie Gray, Associate Professor, Department of Environmental Studies and Sciences, Santa Clara University
lgray@scu.edu, (408) 551-7054

- Carla Roncoli, Senior Research Scientist with the Department of Anthropology and the Associate Director of the Master's in Development Practice at Emory University
carla.roncoli@emory.edu, (404) 727-4394