

Allyson Beall King, Ph.D.

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Education

- 2007 **Ph.D. in Environmental and Natural Resource Science**, Washington State University, Pullman, WA.
- 2004 **MS in Environmental Science**, Washington State University, Pullman, WA
- 2003 **BS in General Biology**, Washington State University, Pullman, WA.

Academic and Professional Appointments

- 2016 - 2018 Associate Director, School of the Environment, Washington State University, Pullman, WA
- 2012 - present Clinical Assistant Professor, School of the Environment, Washington State University, Pullman, WA.
- 2010 - present Graduate faculty, School of the Environment, Washington State University, Pullman, WA
- 2009 - 2010 Expert to the Education and Outreach Lead, Ecosystem Services Research Program, Office of Research and Development, National Center for Environmental Assessment, US Environmental Protection Agency.
- 2008 - 2012 Instructor, School of Earth and Environmental Sciences, Washington State University, Pullman, WA.
- 2008 - 2010 Participatory Modeler, Waters of the West, University of Idaho, Moscow, ID.

Related Professional Experience

- 2017-2018 Program Co-Chair International System Dynamics Society 2018 Conference, Reykjavik, Iceland.

- 2015 - Tidal Leadership Certificate, Washington State University
- 2014 - Proposal Reviewer for Water 2014 STW Collaboration program, Technology Foundation STW, Utrecht, The Netherlands.
- 2011 - present Collaborative Modeling for Decision Support steering committee, sponsored by IWR, USACE.
- 2008 - 2014 Co-Chair for the Environment and Ecology Thread, International System Dynamics Society Conferences. Responsible for the peer review process for conference submissions and session scheduling for papers related to ecology and the environment.
- 2011 - 2013 International System Dynamics Society Policy Council
- 2009 - 2011 American Society of Civil Engineers, Environmental and Water Resources Institute Task Force on Best Practices for Collaborative Modeling
- 2009 - 2011 Guest Editor for Sustainability: Special issue on System Dynamics Simulation of Environmental and Resource Sustainability
- 2009 - present Editorial Board, International Journal of Sustainable Society
- 2009 - present Editorial Board, International Journal of Information Systems and Social Change
- 2008 - 2009 President, Environmental Special Interest Group, International System Dynamics Society
- 2004 - 2007 Teaching assistant Program in Environmental Science and Regional Planning, Washington State University
- 1981 - 2002 500k/yr small business owner. Handled all aspects of business operation including financial oversight, sales, marketing, service delivery, event management, customer relations, and staff supervision.

Other positions

- 2008 - 2011 Board member Palouse Clearwater Environmental Institute, Moscow Idaho.

Academic and Professional Awards

- 2016 **Excellence in Teaching by a Clinical Faculty Member Award**, College of Arts and Sciences, Washington State University.
- 2013 **Washington State University Graduate and Professional Students Advisor Award**
- 2011 **Samuel H. and Patricia W. Smith Teaching and Learning Grant**. University College, Washington State University.
- 2010 **ASCE Journal of Water Resources Planning and Management Engineering Best Policy-Oriented Paper Award** for the paper "Exploring the Implications of Climate Change on Water Resources Columbia," September/October 2009. Authors: Stacy Langsdale, Allyson Beall, Jeff Carmichael, Stewart J. Cohen, Craig B. Forster, and Tina Neale.
- 2006 **Robert Lane Fellowship in Environmental Sciences**

Program in Environmental Science and Regional Planning, Washington State University, Pullman, Washington.

Academic Courses

- WSU ENVR SCI 101 (4cr) Humans and the Natural Environment – Introductory course for environmental science majors and biological science w/lab course for non-majors.
- WSU Global Campus ENVR SCI 101 (4cr) Humans and the Natural Environment: Introductory course for environmental science majors and biological science w/lab course for non-majors.
- WSU ENVR SCI 310 (4cr) Modeling the Environment - System Dynamics Modeling for undergraduates
- WSU ENVR SCI 444/544 (4cr WSU/UI coop program) Environmental Assessment - Course covers the National Environmental Policy Act, Washington State Environmental Policy Act, and related environmental assessments and policy.
- WSU ENVR SCI 550 (3cr)– Dynamic Models of Environmental Systems - System Dynamics Modeling for graduate students.

Academic Development

- 2017- 2022 WSU Student Success Initiative for Transforming Education Faculty
- 2012 Strengthening Sustainability across the Curriculum on our Campuses. February, Spokane Community College, Spokane WA
Leadership Development Camp – WSU College of Education and Coeur D’Alene Tribe Partnership Program for youth ages 14-17. Pullman WA
Process Oriented Guided Inquiry Learning Workshop (POGIL). Seattle Pacific University, Seattle WA
- 2011 The Palouse Project. May, Washington State University, Pullman WA
Process Oriented Guided Inquiry Learning Workshop. February, Washington State University, Pullman WA
- 2010 - Idaho National Lab faculty exchange program
- 2008 - present First Year Focus program, Washington State University

Graduate students

Current Graduate Advisees

Jennifer Johnson, PhD student expected completion April 2018
Kayla Wakulich MS student. Expected completion April 2017

Current committees

Kakali Chakrabarti, PhD candidate expected completion May 2017
Karen Tribetz, PhD student University of Idaho. Expected completion Dec 2017
Jason Walters, PhD student University of Idaho. Expected completion Dec 2017

External reviewer

Julius Kotir, PhD candidate University of Queensland, Brisbane, Queensland Australia. Review submitted, thesis in revision.

PhD complete

Melanie Thornton, PhD 2017 (advisor) Environmental and Natural Resource Science. *Advancing Water Resources Planning, Education and Outreach Through Collaborative Modeling and Stakeholder Engagement Methods.*

Kate Bittinger, PhD 2017 Sociology. *Proud of the Cloud: Social Factors that Influence Perceptions of the Hanford Nuclear Complex.*

Elizabeth Allen, PhD 2016 (advisor) Environmental and Natural Resource Science. *Assessing Approaches to Stakeholder Engagement in Regional Climate Impacts Modeling: A Case Study Analysis.*

Kate Tillotson, PhD 2015 Environmental and Natural Resource Science. *Campaigns, Perceptions and Consumption: A mixed Methods Study of Fresh Water management in the Inland Northwest.*

Kara Whitman PhD 2013 (advisor). Environmental and Natural Resource Science. *Regional Sustainability Assessment: Improving Collaboration and Coordination Across Watershed Plans in the Spokane River Basin*

Bobby Jeffers, PhD, 2013 Environmental and Natural Resource Science. *Dynamic Simulation for Integrated Water and Energy Resource Planning*

Thuy Nguyen, PhD 2012 Environmental and Natural Resource Science. *System Dynamics Simulation for Park management A Case Study of Glacier National Park, Montana*

Mark Rivers, PhD 2011 **External reviewer** University of Western Australia. School of Environmental Systems Engineering and Centre of Excellence in Natural Resource Management. *Determination of in-farm water and nutrient use, incorporation and loss mechanisms on Western Australian Grazing Properties.*

MS/MA complete

Korey Southerland, 2016 (advisor) MS Environmental Science Collaborative System Dynamics Modeling Techniques to Promote Education and Assist in Water Management Decisions

Jason Sampson, 2015 (advisor) MS Environmental Science. Waste Management and Behavioral Change.

Amy Speargas, 2015 Masters of Science Civil Engineering.

Eric Page, 2014 (advisor), MS Environmental Science. *Evaluation of the 2012 "True Puffin" mortality event, as observed along the coastline of Northern California, Oregon, and Washington.*

Shane Carnohan 2014 MS Environmental Science. *Simulating Pelletization Strategies to Reduce the Biomass Supply Risk at America's Biorefineries*

Mikko McFeely MS 2014 Environmental Science. *Identifying opportunities for coordinating environmental planning in the Tri-Cities Metropolitan Statistical Area*

Karen Trebitz 2013 (advisor), MS Environmental Science. *Determining “public interest” in permitting liquefied natural gas export to non-Free Trade Agreement countries*

Louise Shirley, 2013 (advisor), MS Environmental Science. *The reintroduction of the Eurasian Lynx (Lynx lynx) to the East of England: Ecological and social aspects*

Kate Cornwall, 2013 (advisor), MS Environmental Science. *Reconnecting with Nature: Salvaging our bonds with the environment through urban design and experiential learning*

Jon Treasure, 2013 Master of Science with a Major in Water Resources, Univ of Idaho. *Prescribed Streamflow to Improve Juvenile Steelhead Habitat.*

Melanie Thornton, 2012 MS Environmental Science. *Wind Integration Challenge: Pumped Hydro Energy Storage in the Pacific Northwest*

Brianne Tice, 2012 MA Communication. *Assessing Typologies of Mental Models in Irrigation Practices: Possibilities for Communication and Barriers to Water Conservation in the Spokane Coeur D’Alene Corridor*

Tyler Llewellyn, 2011 MS Environmental Science. *System dynamics simulation of Banks Lake and John W. Keys III pump-generating plant pumped storage operations for wind integration*

Karen Trout, 2011 MS Environmental Science. *Expanding agricultural curriculum through experiential education: a case study of indoor gardening for non-agricultural majors*

Amphone Sivongxay 2010 MS Environmental Science. *A System Dynamics Study of Tourism in Alice Springs, Australia’s Northern Territory.*

Kate Tillotson 2010 MS Environmental Science. *Adaptive Education: Going with the Flow in Stream Restoration*

Alison Wesockes - 2010 MS Environmental Science. *Measuring the environmental sustainability of farmers' markets: two case studies from Clark County, Washington*

Undergraduate researchers

Corrin Hamburg – BS Environmental Science 2014

Rebecka Bence - BS student. Environmental and Ecosystem Sciences 2018

Madeline Gray - BS student. Environmental and Ecosystem Sciences 2017

Natisha Hutchinson - BS student. Environmental and Ecosystem Sciences 2016

Abigail Poelstra - BS student. Environmental and Ecosystem Sciences 2019

Grantsmanship

3/16 National Science Foundation Innovations for Food Energy and Water. PI: *System Dynamics for Nexus Innovations (SD4NEXI)*. \$2,952,759. *Not funded, reviewed well. Resubmit next call.*

1/16 National Estuarine Research Reserve System Science Collaborative 2016 Reserve Manager Research/Integrated Assessment Pre-Proposal Co-PI. Funding to support graduate students and post doc. *Not funded.*

- 11/15 Water Resources Professional Consulting Services. Co-PI with Cadmus Group W912HQ-15-R-0003 DoA, USACE. IDIQ. Funding to support graduate student projects and internships. *Not funded.*
- 8/12 - 8/17 current USDA NIFA: Water, Sustainability and Climate Category 3 Co-PI Watershed Integrated Systems Dynamics Modeling (WISDM). \$1,490,378**
- 9/10 - 9/12 completed National Science Foundation: Water, Sustainability and Climate CAT 1 WSU/UI collaboration. Co-PI: Sustainability Dynamics for Water Resources in a Rapidly Urbanizing and Climatically Sensitive Region. \$149,729.**
- 2012 National Science Foundation Dynamics of Coupled Natural and Human Systems (CNH-Ex) Co-PI on UI led *Exploring Dynamic Processes of the Sagebrush-Steppe Using Philosophy and System Dynamics Modeling.* \$245,598. *Not funded*
- 2012 NSF: Interdisciplinary Graduate Education, Research and Traineeship senior personnel. *Transforming Water Resource Management through integrated training in social and biophysical sciences for collective action solutions.* \$3,000,000 *Not funded*
- 2011 National Science Foundation Coupled Natural and Human Systems Co-PI: Coupled Human and Natural Systems. *Water Availability, Demand and Recharge Systems.* \$1,499,833. *Not funded but reviewed well.*
- 2011 NSF: Interdisciplinary Graduate Education, Research and Traineeship senior personnel *Collective Action in Complex Human-Environmental Systems (CACHES)* \$3,261,867. *Not funded*
- 2010 NSF WSC-Category 3: Watershed Integrated System Dynamics Modeling (WISDM). Co-PI: Feedbacks among biogeochemical simulations, stakeholder perceptions, and behavior. *Not funded but reviewed well and established foundation for funded NSF WSC Cat 3*
- 2009 NSF ULTRA WSU/UI collaboration. Co-PI. Shaping the Trajectory of Urban and Regional use of Nature toward Sustainable communities. *Not funded; established foundation for funded NSF WSC Cat 1.*

Research Publications

- Beall King, A** and Thornton, M. 2016. Staying the Course: Collaborative Modeling to Support Adaptive and Resilient Water Resource Management. Invited paper *Water: Special Issue "Water Governance, Stakeholder Engagement, and Sustainable Water Resources Management"*.
- Jacobson, J.J., Carnohan, S., Ford, A., and **Beall, A.** - 2014 Simulating Pelletization Strategies to Reduce the Biomass Supply Risk at America's Biorefineries. Idaho National Lab.
- Langsdale, S., **Beall, A.**, Bourget, L., Hagen, E., Kudlas, S., Palmer, R., Tate, D., and Werrick, B. **2013** Collaborative Modeling for Decision Support in

- Water Resources: Principles and Best Practices. *Journal of the American Water Resources Association* (49), 629-638.
- Beall, A.**, Fiedler, F. Boll, J., and Cosens, B. **2011** Sustainable Water Resource Management and Participatory System Dynamics. Case study: Developing the Palouse Basin Participatory Model. Sustainability: Special issue on System Dynamics Simulation of Environmental and Resource. *Sustainability* **2011**, 3(5), 720-742.
- Langsdale, S., **Beall, A.**, Bourget, L., Hagen, E., Kudlas, S., Palmer, R., Tate, D., and Werrick, B. **2011**. Collaborative Modeling for Decision Support in Water Resources: Principles and Best Practices. Task Committee for Water Resources & Environmental Planning & Management Committee. Planning & Management Council Environmental Water Resources Institute, American Society of Civil Engineers. Peer review complete; Institute for Water Resources, USACE
<http://www.computeraideddisputeresolution.us/bestpractices/index.cfm>
- Beall, A.** and Ford A., **2010**. Reports from the Field: Assessing the art and science of participatory environmental modeling. *The International Journal of Information Systems and Social Change*, 1(2), 72-89.
- Langsdale, S., **Beall A.**, Carmichael, J., Cohen, S., Forster, C., and Neale, T. **2009**. Exploring the Implications of Climate Change on Water Resources Through Participatory Modeling: Case Study of the Okanagan Basin, British Columbia. *Journal of Water Resources Planning and Management*. p. 373-381. Awarded the 2010 **ASCE Journal of Water Resources Planning and Management Engineering Best Policy-Oriented Paper Award**
- Beall, A.** and Zeoli, L. **2008**. Participatory Modeling of Endangered Wildlife Systems: Simulating Sage grouse and Land Use in Central Washington. *Ecological Economics* 68 p. 24-33.
- Beall, A.** **2007**. Participatory Environmental Modeling and System Dynamics: Integrating Natural Resource Science and Social Concerns. Ph.D. Thesis. Washington State University, Pullman Washington.
http://www.dissertations.wsu.edu/Dissertations/Fall2007/a_beall_2111907.pdf
- Cited in** Ford, A. 2009 *Modeling the Environment*. Second edition. Island Press.
- Langsdale, S., **Beall A.**, Carmichael, J., Cohen, S., and Forster, C. **2007** An Exploration of Water Resources Futures Under Climate Change Using System Dynamics Modeling. *Integrated Assessment*, Vol 7, no 1.
- Langsdale, S., **Beall A.**, Carmichael, J., Cohen, S., and Forster, C., and Neale, T. **2006**. Shared Learning Through Group Model Building. Chapter 4 *In* Participatory Integrated Assessment of Water Management and Climate Change in the Okanagan Basin, British Columbia, edited by S. Cohen and T. Neale. Vancouver: Environment Canada and University of British Columbia.

Textbook and lab manuals

Beall, A., 2012. *Environmental Science and Sustainable Solutions*. Kendall Hunt, Great River Technologies. Dubuque IA.

Beall, A., Trout, K., and Whitman, K., 2011. *The Environment, Human Life and Sustainability: Lab, Field and Reference Manual*. Pearson Publishing.

Beall, A., Hays, B., Morrison, D., Tillotson, K., Trout, K., and Whitman, K., 2010. *Humans and the Natural Environment. Field and Laboratory Manual*. Pearson Publishing.

Beall, A., Gill, R., Andrus, H., Bier, A., Greenwood, R., Hamblin-Hart, K., Pell, C., Saavedra, C., Stahl Tyson, A., Wesockes, A., and Whitman, K., 2009. *Humans and the Natural Environment. Field and Laboratory Manual*. Pearson Publishing

Gill, R., Andrus, H. **Beall, A. 2008.** *Humans and the Natural Environment. Field and Laboratory Manual*. Pearson Publishing.

Conferences and Presentations

2016 American Water Resource Association, Orlando FL *Institutional change in water resource governance in the Inland Northwest.* **Beall King, A.**

Palouse Basin Water Summit, Pullman WA **Invited presentation.** *An interactive dialogue about water in the Palouse Basin.* **Beall King, A.**

Spokane River Regional Toxics Task Force Workshop **Invited Keynote Speaker**

Spokane River Forum **Invited Keynote Co-Speaker.** *Does our Future Include Enough Water?* **Beall King, A** and Porcello, J.

Innovations for Collaborative Modeling Conference. Experiences from engaging stakeholders in the Spokane Basin. Thornton, M. and **Beall King, A.**

2015 Innovations in Collaborative Conference **Invited Keynote Speaker** *Staying the Course: Collaborative Modeling as an Adaptive Process Over Time.* Beall King, A.

American Water Resource Association Annual Conference. Denver Colorado. **Invited Panel Speaker** *Stakeholder Engagement.*

American Water Resource Association Annual Conference. Denver Colorado. *Collaborative Modeling in the Spokane Basin.* Thornton, M., **Beall King, A.**

American Water Resource Association Annual Conference. Denver Colorado. *Collaborative modeling experiences: Addressing regional water resource strategies* Thornton, M., **Beall King, A.**

Palouse Basin Water Summit, Pullman WA **Invited presentation.** *An interactive dialogue about water in the Palouse Basin.* **Beall King, A.**

- 2014 Spokane River Forum **Invited presentations.** (1) Interactive panel session: *Hydrology 101: Truth, Fiction and Values.* Beall King, A. Miller, N., Gregory, G., Wick, T., Galante, M. (2) *Assessing Values and Changing Behavior.* Beall King, A. (3) Panelist - *Creating Idaho/Washington Water Resource Collaboration*

American Water Resource Association Annual Conference, Washington DC. *Collaborative Modeling in the Spokane River Basin: Engaging Stakeholders to Explore Basin-wide Water Management Strategies.* Thornton M. and Beall King, A.

Palouse Basin Water Summit, Pullman WA **Invited presentation.** *An interactive dialogue about water in the Palouse Basin.* **Beall King, A.**

- 2013 American Water Resource Association Annual Conference, Portland OR. *Collaborative modeling in the Columbia Basin: First stop, the Spokane Valley Rathdrum Prairie Aquifer system.* **Beall King, A.**, Thornton M., Allen, L.

American Water Resource Association Annual Conference, Portland OR. *Creating Opportunities for Exploring Innovative Groundwater Governance* **Beall King, A.**, Allen, L., Thornton, M., Trebitz, K.

American Water Resource Association Annual Conference, Portland OR. Symposium: *Lessons from 30 Years of Collaborative Modeling for Decision Support.* Co-chair and session moderator.

Palouse Basin Water Summit, Pullman WA **Invited presentation.** *An interactive dialogue about water in the Palouse Basin.* **Beall King, A.**

International System Dynamics Society, Cambridge, MA. **Presentation:** *Teaching top-down modeling to bottoms-up thinkers: A report form the initial phase of a collaborative watershed modeling project.* Allen, L., Thornton M., **Beall, A.**

Spokane River Forum, Spokane WA. *WISDM Watershed Integrated System Dynamics Modeling. An interactive outreach session*

2012 American Geophysical Union Poster presentation. San Francisco, CA. *Using linked models to study interactions between water use decisions and climate change-driven watershed processes in the Pacific Northwest region.* Huyck Orr, C., Adam, J., **Beall, A.**, Barber, M. and T. Nguyen.

6th World Water Forum. Marseille, France Invited presentation:
Advancing Integrated Water Resource Management in systems with high levels of scientific and social uncertainty: Lessons from the Palouse Basin. **Beall, A., Boll, J., Cosens, B., and Fiedler, F.**

The Palouse Project. Pullman WA. **Invited Presentation** *Water Issues in an Era of Climate Change – Watersheds and Communities: Learning to Live with a New Normal.* Beall, A. Washington State University.

2011 AWRA Summer Specialty Conference. Snow Bird, UT. Integrated Water Resource Management. **Invited presentation:** *Advancing Integrated Water Resource Management in systems with high levels of scientific and social uncertainty: Lessons from the Palouse Basin.* Beall, A., Boll, J., Cosens, B., and Fiedler, F.

Spokane River Forum Conference. Spokane, WA. **Presentation:** *Your Vote Counts in our Near Nature, Near Perfect Community.* Beall, A.

International System Dynamics Society, Washington, DC. **Presentation:** *Learning from System Dynamics Simulations: Simulations for Time Compression or for Time Dilation.* Ford, A and Beall A.

Senior Seminar. School of Earth and Environmental Sciences. Washington State University, Pullman WA. Modeling Groundwater Using System Dynamics. Case study: The Palouse Basin.

2010 Palouse Basin Water Lecture Series. Moscow ID. **Invited Presentation:** Participatory Water Resource Visioning Tool for the Palouse Basin. Perceptions, Opinions and the Road to Collaboration.

Palouse Basin Leadership Roundtable. Pullman, WA. **Invited presentation:** The Palouse Basin Water Resource Visioning Tool.

The Globalization, Diversity, and Education Conference. Spokane WA. **Invited presentation:** Collaborative Model Building to inform natural resource management decisions. Insights from the Palouse Basin Aquifer Project: *Managing public water supply under multiple dimensions of uncertainty.* Beall, A., Boll, J., Cosens, B., and Fiedler, F.

School of Earth and Environmental Sciences Seminar Series, Vancouver WA. **Presentation:** Collaborative Model Building to inform natural

- resource management decisions. Insights from the Palouse Basin Aquifer Project: *Managing public water supply under multiple dimensions of uncertainty*. Beall, A., Boll, J., Cosens, B., and Fiedler, F.
- 2009 EPA ORD Ecosystem Services Research Project Annual Meeting. Athens, GA. **Presentation:** System Dynamics and Ecosystem Services Modeling. October 2009.
- Society for Organizational Learning National Park Service Leadership for Sustainability Workshop. Grand Canyon, AZ.
- University of Idaho Water Resource Seminar. Moscow ID. **Presentation:** The Palouse Basin Participatory Modeling Project. Beall, A., Boll, J., Cosens, B., and Fiedler, F.
- International System Dynamics Conference. Albuquerque, NM. **Presentation:** Reports from the Field: Assessing the art and science of participatory environmental modeling. Beall, A. and Ford, A.
- Ground Water Quality Workshop, Moscow ID. **Presentation:** The Palouse Basin Participatory Modeling Project. Beall, A., Boll, J., Cosens, B., and Fiedler, F.
- EWRI World Environmental and Water Resources Congress. Kansas City MO. **Presentation:** The Benefits and Challenges of Interdisciplinary Modeling of Environmental Systems.
- EPA ORD Ecosystem Services Research Project Coastal Carolinas Meeting. Charleston, SC.
- 2008 American Planning Association Regional Conference. Spokane, WA. **Presentation:** Palouse Basin Participatory Model Pilot Project
- Palouse Basin Water Summit, Moscow ID. **Presentation:** Palouse Basin Participatory Model Pilot Project
- Groundwater Connections Conference, Boise, ID
Presentation: Palouse Basin Participatory Model Pilot Project
- US EPA Ecosystem Services Research Meeting, Portland OR
- 2007 World Environmental and Water Resources Congress 2007, Tampa, FL. **Presentation:** Participatory Modeling for Adaptive Management: Reports from the Field 2007.
- International System Dynamics Society, Boston, MA **Poster Presentation:** Beall, A., Ford A. 2007. Participatory Modeling for Adaptive

Management: Reports from the Field II. Poster presented to the 25th International Conference of the System Dynamics Society.

Computer Assisted Dispute Resolution (CADRe) invitational workshop hosted by USACE Institute of Water Resources, Sandia National Lab and US Institute for Environmental Conflict Resolution. Albuquerque, NM

2006 24th International Conference of the System Dynamics Society, Nijmegen Netherlands.

Opening Plenary Presentation: Participatory Modeling of Endangered Species: Simulating the Sage-grouse in Central Washington. Beall, A and Zeoli L.

Poster Presentation: Beall, A., Ford, A, Jackson, R., Langsdale, S., Otto, P., Siemer, W., Struben, J., Tidwell, V. Videira, N., and Zeoli, L.. 2006. Participatory Modeling for Adaptive Management: Reports from the Field. Poster presented to the 24th International Conference of the System Dynamics Society. July 23-27, 2006 Nijmegen, The Netherlands.

Healthy Lands Conference, Waterville WA.

Presentation: How the World Affects our Stewardship: Sage Grouse and Human Systems Model.

2005 National Conference for Sage-grouse Local Working Groups.

Canadian Water Resources Association - British Columbia Branch.

Settlers and Sage Grouse, Waterville WA.

Palouse Basin Water Summit, Moscow ID.

Consultancies

2005 - 2006 Foster Creek Conservation District, Waterville Washington. Integrated Sage-grouse and Human Systems Model. Facilitator and Co-modeler of a participatory system dynamics model to be used to assist a buy-in to a Multi-Species Habitat Conservation Plan.

2005 - 2006 Collaborative system dynamics modeling component of the Participatory Integrated Assessment of Water Management and Climate Change in the Okanagan Basin, British Columbia. University of British Columbia and Adaptations and Impacts Division, Environment Canada. Co-Facilitator and modeling consultant for participatory modeling process designed to "assist the Okanagan Basin, British Columbia, Canada water resources community in incorporating climate change in their planning and

policy development and to evaluate their water resources in a system context.”

Membership in Professional Associations

American Association for the Advancement of Science

American Geophysical Union

American Society of Civil Engineers

American Water Resource Association

International Society for Ecological Economics

International System Dynamics Society