

# BRUCE EVAN GOLDSTEIN

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## EDUCATION

- 2004** Ph.D. in Environmental Planning, Department of City and Regional Planning, University of California, Berkeley
- 1993-5** Doctoral Program, Environmental Studies, University of California, Santa Cruz
- 1990** MS in Forest Ecology, School of Forestry & Environmental Studies, Yale University
- 1986** BA in Biology and English Literature, Wesleyan University
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## ACADEMIC POSITIONS

- 2013-18** University of Colorado Boulder
- Associate Professor, Program in Environmental Design
  - Associate Professor, Program in Environmental Studies
  - Core Faculty, Center for Science and Technology Policy Research
  - Faculty Research Associate, Environment and Society Program, Institute of Behavioral Science
- 2009** Associate Professor, Department of Planning and Design, University of Colorado Denver
- 2004-9** Assistant Professor, School of Public and International Affairs, Program in Urban Affairs and Planning, Virginia Tech
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## REFEREED PUBLICATIONS

(underline indicates that co-author was a student under my supervision)

### Peer-reviewed Articles

Fazey, Ioan and 18 other authors, including **Goldstein, Bruce Evan**. 2018. Ten essentials for action-oriented and second order energy transitions, transformations and climate change research, Energy Research & Social Science, Volume 40 (54-70).

**Goldstein, Bruce Evan**, Chase, C., Frankel-Goldwater, L., Osborne-Gowey, J., Risien, J., & Schweizer, S. (2017). Transforming with a Soft Touch: Comparing Four Learning Networks. Systems Research and Behavioral Science, 34(5), 537-543.

Yabes, Ruth and **Goldstein, Bruce Evan**. 2015. Collaborative Resilience to Episodic Shocks and Surprises: A Very Long-Term Case Study of Zanjera Irrigation in the Philippines 1979-2010. Social Sciences 4: 469-498.

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**Goldstein, Bruce Evan**, Wessells, Anne Taufen, Lejano, Raul P., and William Butler. 2015. Narrating Resilience: Transforming Cities Through Collaborative Storytelling. *Urban Studies*. 52(7): 1285–130.

Doak, Daniel F., Victoria J. Bakker, **Goldstein, Bruce Evan**, and Benjamin Hale. 2013. What Is the Future of Conservation? *Trends in Ecology and Evolution* 29(2): 77-81.

**Goldstein, Bruce Evan**. 2010. Epistemic Mediation: Aligning Expertise Across Boundaries Within An Endangered Species Habitat Conservation Plan. *Planning Theory and Practice* 11(4): 523-547

Butler, William Hale and **Goldstein, Bruce Evan**. 2010. The US Fire Learning Network: Springing a Rigidity Trap through Multi-scalar Collaborative Networks. *Ecology and Society* 15(3): 21

**Goldstein, Bruce Evan**. 2010. The Weakness of Tight Ties: Why Scientists Almost Destroyed the Coachella Valley Multispecies Habitat Conservation Plan In Order To Save It. *Environmental Management* 46(2): 268-284

**Goldstein, Bruce Evan** and Butler, William Hale. 2010. The U.S. Fire Learning Network: Providing a Narrative Framework for Restoring Ecosystems, Professions, and Institutions. *Society and Natural Resources*, 23(10): 935-951

**Goldstein, Bruce Evan**, Butler, William Hale, and R. Bruce Hull. 2010. The U.S. Fire Learning Network: A Promising Conservation Strategy For Forestry. *Journal of Forestry*, 108(3): 121-125

**Goldstein, Bruce Evan** and Butler, William Hale. 2010. Expanding the Scope and Impact of Collaborative Planning: Combining Multi-stakeholder Collaboration and Communities of Practice in a Learning Network. *Journal of the American Planning Association*, 76(2): 238-249

**Goldstein, Bruce Evan**. 2009. Resilience To Surprises Through Communicative Planning. *Ecology and Society*, 14(2): 33

**Goldstein, Bruce Evan** and Butler, William Hale. 2009. The Network Imaginary: Coherence and Creativity within a Multiscalar Collaborative Effort to Reform U.S. Fire Management. *Journal of Environmental Planning and Management*, 52(8): 1013-1033

**Goldstein, Bruce Evan** and R. Bruce Hull. 2008. Socially Explicit Fire Regimes. *Society and Natural Resources*, 21(6): 469-482

**Goldstein, Bruce Evan**. 2007. Skunkworks In the Embers of the Cedar Fire: Enhancing Societal Resilience in the Aftermath of Disaster. *Human Ecology*, 36(1): 15-28

**Goldstein, Bruce Evan**. 2007. The Futility of Reason: Incommensurable Differences Between Sustainability Narratives in the Aftermath of the 2003 San Diego Cedar Fire. *Journal of Environmental Policy and Planning*, 9(4): 227-244

Letourneau, Deborah K. and **Goldstein, Bruce Evan**. 2001. Pest Damage and Arthropod Community Structure in Organic vs. Conventional Tomato Production in California. *Journal of Applied Ecology*, 38(3): 557-570

**Goldstein, Bruce Evan**. 1992. Can Ecosystem Management Turn an Administrative Patchwork into a Greater Yellowstone Ecosystem? *The Northwest Environmental Journal*, 8(4): 285-324

**Goldstein, Bruce Evan**. 1992. The Struggle Over Ecosystem Management at Yellowstone. *BioScience*, 42(3): 183-7

**Goldstein, Bruce Evan**. 1989. Sewage Treatment – Naturally. *Renewable Resources Journal* 7(2): 5-11.

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## Refereed Books

**Goldstein, Bruce Evan** (ed.). Collaborative Resilience: Moving Through Crisis to Opportunity. MIT Press, 2011

- Chapter 1, **Goldstein, Bruce Evan**. Introduction To Planning For Disaster: Building Resilience Through Collaboration
- Chapter 10, **Goldstein, Bruce Evan** and Butler, William Hale. The US Fire Learning Network: Springing Fire-Adapted Ecosystems and Institutions from a Rigidity Trap
- Chapter 15, **Goldstein, Bruce Evan**. Conclusion: An Emerging Common Framework For Enhancing Collaborative Resilience to Catastrophic Events

## Refereed Book Chapters

Doak Daniel, Bakker, Vickie, **Goldstein, Bruce Evan**, & Hale, Ben. What is the Future of Conservation. In G. Wuerthner, E. Crist & T. Butler (Eds.), *Protecting the Wild: Parks and Wilderness, the Foundation for Conservation*. P. 27-35. San Francisco: Foundations for Deep Ecology. 2015

**Goldstein, Bruce Evan**. Combining Science and Place-based Knowledge: Pragmatic and Visionary Approaches to Bioregional Understanding. Pp. 157-170 in McGinnis, Michael J., ed., *Bioregionalism*. Routledge, New York, 1999

## Non-Refereed Publications

**Goldstein, Bruce Evan**, Chase, C., Frankel-Goldwater, L., Osbourne-Gowey, J., Risien, J., & Schweizer, S. (2017). Transformative Learning Networks: Guidelines and Insights for Netweavers. Washington D.C.: Association of Public and Land Grant Universities (APLU).

**Goldstein, Bruce Evan**, Chase, C., Frankel-Goldwater, L., Osborne-Gowey, J., Risien, J., and S. Schweizer. 2016. Transformative Learning Networks. Proceedings of the 60th Annual Meeting of the International Society for the Systems Sciences (ISSS) and 1st Policy Congress of ISSS. University of Colorado, Boulder, USA. July 23rd - 30th, 2016. [http://iss.org/world/Colorado\\_2016](http://iss.org/world/Colorado_2016).

Goulette, Nick; Lynn Decker,; Michelle Medley-Daniel,; **Bruce Evan Goldstein**,. 2014. "Adopting a Learning Network Approach for Growing Fire Adapted Communities." Fire Management Today 73:3 20-24.

**Goldstein, Bruce Evan**. 2007. Habitat Conservation Planning and the End of Endangered Species "Trainwrecks". Published in collection of papers from recipients of Morris K. Udall doctoral dissertation fellowship, online as part of the 10<sup>th</sup> Anniversary of the Morris K. Udall Foundation. Available at: <http://udall10.udall.gov/udall10.asp?Link=609&Project=88>

Hull, R. Bruce, and **Goldstein, Bruce Evan**. 2006. Fire regime barriers to community-directed restoration. In: McCaffrey, S.M., tech. ed. The public and wildland fire management: social science findings for managers. Gen. Tech. Rep. NRS-1. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station: 77-85

**Goldstein, Bruce Evan**. 1997. "UNI-GIS". InfoText, 53(Fall): 3-4

**Goldstein, Bruce Evan**. 1995. An Annotated Bibliography for Community-based Conservation. CPL Bibliographies 313 and 314. Council of Planning Librarians. American Planning Association, Chicago IL

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**Goldstein, Bruce Evan.** 1991. The Folly of the Exxon Valdez Cleanup. *The Earth Island Journal*, 6(1): 30-31

**Goldstein, Bruce Evan.** 1989. Sewage Treatment – Naturally. *Renewable Resources Journal*, 7(2): 5-11

**Goldstein, Bruce Evan.** 1988. Natural Sewage Treatment. *World Watch*, 1(3): 10-11

**Goldstein, Bruce Evan.** 1988. DuPont to Abandon CFCs. *World Watch*, 1(3): 23-24

**Goldstein, Bruce Evan.** 1988. Rising Seas May Drown Wetlands. *World Watch*, 1(2): 40-41

**Goldstein, Bruce Evan.** 1988. Indonesia Considers Resettlement. *World Watch*, 1(2): 6-7

**Goldstein, Bruce Evan.** 1988. The Greening of the World Bank? *World Watch*, 1(1): 4-5

**Goldstein, Bruce Evan.** 1988. Superconductivity Meets Resistance. *World Watch*, 1(1): 13

**Goldstein, Bruce Evan.** 1988. High and Dry: Ground-water Mining in the United States. *World Watch*, 1(1): 41-4

**Goldstein, Bruce Evan.** 1988. Canada Proposes Nuclear Subs. *World Watch*, 1(1): 8-9

### Non-Refereed Book Chapters

**Goldstein, Bruce Evan** and Hall, Rogers. 2007. Modeling without end: Conflict across organizational and disciplinary boundaries in habitat conservation planning. In R. Lesh, E. Hamilton & J. J. Kaput (Eds.), *Models & Modeling as Foundations for the Future in Mathematics Education*, Mahwah, NJ: Lawrence Erlbaum Publishing Company

**Goldstein, Bruce Evan.** 1992. The Struggle Over Ecosystem Management at Yellowstone". P.47-54 in Willison, J.H. M. et al., eds. *Science and the Management of Protected Areas. Proceedings of an International Conference, Acadia University, Nova Scotia, Canada, 14–19 May 1991.* Elsevier, Amsterdam

### Non-Refereed Book Reviews

**Goldstein, Bruce Evan** 2005. Mediated Modeling. Book Review for the *Journal of the American Planning Association*, 71(3): 340

### Publications in Preparation

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## PRESENTATIONS AND INVITED TALKS

### Refereed Presentations at Meetings

**Communicative Planning within the Fire Adapted Community Learning Network: Solving the Paradox of Two System Traps.** With Lee Frankel-Goldwater. Association of Collegiate Schools of Planning Annual Conference, Dever CO, October 12-15. 2017.

**Regenerating Soil, Regenerating the Soul: Theorizing the Role of the “Interior” in Farmers’ Transitions to Regenerative Agriculture.** With Hanna Gosnell. Resilience 2017: Resilience Frontiers for Global Sustainability. Stockholm, Sweden. 20-23 August, 2017.

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**Transformative Learning Networks.** Panel on Organizational Transformation and Social Change: International Society for Systems Sciences Conference. Boulder CO. With Jeremiah Osbourne-Gowey and Lee Frankel-Goldwater. July 28, 2016.

**The Practice and Possibilities of Collaborative Resilience Assessment.** With Leah Sprain and Tom James. Conference on Communication and Environment, Boulder, CO, June 11-14 2015.

**The Communicative Dimensions of Resilience: A Multiscalar Investigation.** With Leah Sprain and Chase, Claire. Aspen Conference on Engaged Scholarship, Aspen, CO, July 2015.

**Transformative Learning Networks.** Transformations 2015 Conference. Stockholm, Sweden, October 5-7, 2015.

**Collaborative Resilience: A Social-Ecological Planning Process.** Association of Collegiate Schools of Planning, Philadelphia PA, October 30-November 2, 2014

**Capacity Building For Collaborative Resilience.** Resilience 2014, Montpellier France, May 4-8, 2014.

**Netweavers in Conservation Learning Networks.** 12<sup>th</sup> Pacific Science Inter-Congress, Suva, Fiji, July 8-12, 2013

**Resilience Through Collaborative Storytelling.** International Conference on Constructing Resilience. Berlin, Germany, January 17-18, 2013

**Climate Learning Networks.** International Conference on Culture, Politics, and Climate Change. University of Colorado, Boulder September 13-15, 2012

**Multi-scalar Collaborative Planning.** Association of Collegiate Schools of Planning, Cincinnati OH, November 1-4, 2012.

**Collaborative Resilience.** Association of Collegiate Schools of Planning, Salt Lake City, Utah, October 13-16, 2011

**How Do Networks Learn? A Comparison of Conservation Learning Networks Around the World, With Implications For Network Design and Operation.** World Planning Schools Congress, Perth Australia, 4-8 July 2011

**Communicative Resilience.** Resilience 2011: Resilience, Innovation and Sustainability: Navigating the Complexities of Global Change. Arizona State U., Tempe AZ, March 11-16, 2011

**Collaborative Resilience.** Association of Collegiate Schools of Planning, Minneapolis, MN, October 7-10, 2010

**Resilience To Surprises Through Communicative Planning.** Association of Collegiate Schools of Planning, Crystal City, VA, October 1-3, 2009

**The Network Imaginary: Fostering Coherence and Creativity Across the U.S. Fire Learning Network.** Bridging the Gap: Collaborative Conservation From the Ground Up. Center for Collaborative Conservation, Colorado State University, Ft. Collins, CO, September 8-11, 2009

**The US Fire Learning Network: Springing Fire-Adapted Ecosystems and Institutions from a Rigidity Trap.** The Virginia Tech Symposium on Enhancing Resilience to Catastrophic Events through Communicative Planning, Blacksburg, VA, November 16-18, 2008

**Scaling Up Collaborative Environmental Planning: An Examination Of The US Fire Learning Network.** With William Butler. Joint Association of Collegiate Schools of Planning/AESOP Joint Conference, Chicago, IL, July 6-11, 2008

**Network Accountability Through Netweaving: The U.S. Fire Learning Network.** Resilience 2008: Adaptation and Transformation in Turbulent Times. Resilience Alliance and Swedish Resilience Center, Stockholm, Sweden, April 14-20, 2008

**The U.S. Fire Learning Network.** Human Dimensions of Wildland Fire Conference, International Association of Wildland Fire, Ft. Collins, CO, October 23-25, 2007

**Holding the Reins on Collaborative Planning: Narrative in the Fire Learning Network.** With Will Butler, Association of Collegiate Schools of Planning, Milwaukee, WI, October 18-21, 2007

**Planning For Resilience: Innovations in Social Learning.** With Jana Carp, Association of Collegiate Schools of Planning, Milwaukee, WI, October 18-21, 2007

**Improving Collaborative Decision-making and Community Capacity Through Fire Learning Networks.** International Symposium on Society and Resource Management (ISSRM), Park City, UT, June 17-21, 2007

**Conservation Learning Networks and Ecological Planning: The Art of Creating Resilient Biocultures.** Association of Collegiate Schools of Planning, Fort Worth TX, November 9-12, 2006

**Skunkworks In the Embers of the Cedar Fire: Enhancing Societal Resilience in the Aftermath of Disaster.** Annual Meeting of the Science and Democracy Network, Harvard University, Cambridge, MA, June 25-27, 2006

**Crafting Narrative, Molding Identity: Seizing Opportunities to Improve Societal Resilience In the Aftermath of Disaster.** Invited participant at workshop on "Governance for Sustainable Development: Steering in Contexts of Ambivalence, Uncertainty, and Distributed Control Workshop. Workshop organized by the Social-Ecology Research Programme Working Group on Governance and Transformation at the Öko-Institute.V. - Institute for Applied Ecology Novalisstr (<http://www.oeko.de/>), Berlin, Germany, February 5-7, 2006

**Contested Visions of Nature and Culture in the Embers of San Diego's 2003 Cedar Fire.** Association of Collegiate Schools of Planning (ACSP) conference in Kansas City, MO, October 27-20, 2005

**Coproduction and Its Discontents After the Catastrophic 2003 San Diego Cedar Fire.** Annual Meeting of the Science and Democracy Network, Harvard University, Cambridge, MA, June 24-26, 2005

**World-Making Through Science: The Co-Production of Science and Society in Habitat Conservation Planning.** Research conference of the Association for Public Policy Analysis and Management (APPAM), Atlanta, GA, October 28-30, 2004

**Scientific Advice As Social Engineering: The Co-production of Science and Society Within a Deadlocked Habitat Conservation Plan.** Association of Collegiate Schools of Planning (ACSP) conference, Portland OR, October 21-24, 2004

**Poster Presentation on Dissertation Research.** NSF-sponsored Gordon Research Conference on Science Policy, Big Sky MT, August 16-20, 2004.

**Barriers to Collaboration Among Experts: Lessons From a Crisis Within a Habitat Conservation Plan.** Association of Collegiate Schools of Planning, Baltimore, MD, November 19-24, 2002

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**The Sonoran Desert Conservation Plan: Lessons From an Effort to Place Science at the Center of Habitat Conservation Planning and Barriers to Cooperation Among Ecologists: Lessons From Crises Within Two Habitat Conservation Plans..** Ecological Society of America, Tucson, AZ, August 4-9, 2002

**Making Technical Agreements on Endangered Species Protection Acceptable Inside and Outside of the Hothouse Environment of Consensus-Based Committees.**

Association of Collegiate Schools of Planning, Cleveland, OH, November 7-11, 2001

**Repairing Damage to the Institutional and Representational Infrastructure of an Endangered Species Habitat Conservation Plan.** Society for Social Studies of Science Annual Meeting, Cambridge, MA, November 1-4, 2001

**Can Technical Agreements on Endangered Species Protection that Evolved by Consensus Survive Scientific Scrutiny?** Society for Social Studies of Science and European Association for the Study of Science and Technology Annual Meeting, Vienna, Austria, September 27-30, 2000

**Scientific Boundary Work and Negotiation of Habitat Conservation Plans Using Consensus Processes: An Unbearable Tension?** Society for Social Studies of Science Annual Meeting, San Diego, CA, October 27-30, 1999

**A New Species of Regulatory Science: Multistakeholder Consensus Processes and the Negotiation of Habitat Conservation Plans.** Society for Social Studies of Science Annual Meeting, Halifax, Nova Scotia, October 28 - November 1, 1998

**Place-based Knowledge and Science: A Practical Guide to Combining Bioregional Epistemologies.** Association of Collegiate Schools of Planning, Fort Lauderdale, FL, November 6-9 1997

**Place-based Knowledge and Science: Two Bioregional Epistemologies Are Better Than One. Cultures & Environments: On Cultural Environmental Studies.** Washington State University on-line conference, June 20-22, 1997.

**Skeptical Toolishness, or How to Stop Worrying and Learn to Love GIS.** 1996 International Symposium on Technology and Society, Princeton, NJ, June 21-22, 1996

**How Communicative Planning Can Help Countries Reduce the Impact of Land Use Change on Biodiversity.** Environmental Science Research Institute GIS User Conference, Palm Springs, CA, 1996

**The California Biodiversity Project: Linking a GIS Model with the Planning Process.** Environmental Science Research Institute GIS User Conference, Palm Springs, CA, 1995

### Invited Lectures, Seminars and Workshops

**Organizer/Facilitator of the 3 Horizons Futuring Dialogic Process.** Facing the Future 2017 Workshop at the University of Dundee, Scotland, August 28-29, as well as the Resilience 2017 Conference, Stockholm, Sweden, August 20-23, 2017.

**Transformative learning.** Keynote Presentation at the Facing the Future 2017 Workshop: Collaborative Power For Societal Transformation In a Rapidly Changing World. University of Dundee, Scotland. August 28-29, 2017.

<https://www.dundee.ac.uk/cechr/postgraduates/ftf2017/>.

**Transformative Learning Networks.** Webinar Presentation for Environmental Defense Fund, Learning Networks in Theory and Practice. June 18, 2017.

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**Transformative Learning Networks: Insights from Four Case Studies of Networks, Colloquium**, Center for Science and Technology Policy Research Fall Colloquium, CU Boulder, September 17, 2016

**It's a Wonderful Life: How Learning Networks Can Catalyze Adaptation and Transformation**. Invited Speaker, Workshop on Cultivating Stewardship, Recovery, and Resilience", New York City. Hosted by the US Forest Service Northern Research Station - New York City Urban Field Station, June 8-9, 2016

**ENVS Research Colloquium: How Learning Networks Can Transform Social-Ecological Systems**, SEEC, CU Boulder, March 14, 2016

**Keynote Address, "Science For Community Resilience: Three Funerals and a Wedding"**. The Federation for Earth Science Information Partners (ESIP) 2015 Summer Meeting, Pacific Grove, CA, July 14-17, 2015

**Communities of Practice**. Fire Adapted Community Learning Network Annual Meeting, Santa Fe NM, April 25, 2015.

**Developmental Evaluation**. Webinar on Developmental Assessment of Learning Networks, The Nature Conservancy's Community of Practice of Communities of Practice, November 5, 2015

**Green Neighborhoods praxis semester studio and seminar reviewer**, Environmental Design Program, Boulder CO, Spring 2014

**Resilience and Storytelling**. Presentation at the Stockholm Resilience Center, Stockholm University, Sweden. January 21, 2013

**Panel speaker on "Building bridges between teaching and research"**. 7th International Conference in Interpretive Policy Analysis: Understanding the Drama of Democracy. Policy Work, Power and Transformation. Tilburg, Netherlands, 5-7 July 2012

**Keynote Address on Collaborative Resilience**. Workshop on The Interdisciplinary Understanding of Resilience: addressing Climate Change in Urban Regions. HafenCity University Hamburg, Hamburg Germany, June 25-26, 2012

**Collaborative Resilience to Catastrophe**. Aftershock: Japan One Year after the Tohoku Earthquake. Center for Asian Studies, University of Colorado Boulder. April 13, 2012

**Communicative Resilience in Coastal Megacities**. Invited Presentation at IGBP/LOICZ Resilience and transformation: Megacities and the coast workshop. King's College London 30-31 May 2011

**Collaborative Networks and Transformative Learning**. Presentation to graduate group in Department of Resource Management and Geography, University of Melbourne, Australia, July 17 2011

**New Approaches to Collaborative Planning**. Invited Speaker, Center for Sustainable Infrastructure Systems, University of Colorado Denver. March 3, 2010

Moderator of panel on "**Social Justice and Power**" at the Reinventing Governance conference, CU Boulder, organized by the Center for the Study of Conflict, Collaboration, and Creative Governance, October 8-10, 2010

**The Network Imaginary: How to Change Course After a Century of Ecologically Destructive Fire Suppression**. Invited lecture to the Department of Geography and Planning, Appalachian State University, Boone, NC, April 16, 2009

Conceived and organized **Virginia Tech Symposium on Enhancing Resilience To Catastrophic Events Through Communicative Planning**, Blacksburg, VA, November 16-18, 2008



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**Improving Collaborative Decision-making and Community Capacity Through Fire Learning Networks.** Invited presentation to the Nature Conservancy's Global Fire Initiative, July 5, 2008

**Restoring Fire-Adapted Ecosystems and Institutions Through Learning Networks.** With Will Butler. Workshop on Networks and the Environment at the Maxwell Workshop on Organizations and the Natural Environment, Sponsored by the Center for Environmental Policy and Administration (CEPA), Maxwell School of Citizenship & Public Affairs, Syracuse University, NY, May 22-24, 2007

**Fire Disasters as an Opportunity to Build Societal Resilience.** Keynote speaker at the "The Living with Fire in Chaparral Ecosystems Summit 2006", organized by the U.S. Forest Service, Riverside, CA, January 10-12, 2006

**Democracy, Public Participation and Equity in Setting Science Agendas.** Invited speaker at decision-support workshop organized by the Science Policy Assessment and Research on Climate (SPARC) program at the Center for Science and Technology Policy Research, University of Colorado, Boulder, CO, June 13-14, 2005

**Place-based Knowledge and Science: A Practical Guide to Combining Bioregional Epistemologies.** UC-Stanford Workshop in the History of Science. Santa Barbara, CA. October 4-5, 1997

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### COURSES TAUGHT

#### University of Colorado Boulder

Seminar in Participatory Action Research 2014  
Inclusive Community Design 2014-2016  
Environmental Collaboration 2013-2015  
Ecology and Design 2013  
Senior Seminar: Locational Disputes 2013-2015  
Doctoral Seminar: Tricks of the Trade 2016  
Systems 2017  
Collaboration 2017  
Inclusive Community Design 2018  
Collaborative Transformation 2018

#### University of Colorado Denver

Planning Issues and Processes  
Collaborative Planning  
Environmental Planning II: Policy and Law  
Planning Studio II

#### Virginia Tech

Introduction to Environmental Policy and Planning  
Community Involvement and Public Participation  
Collaborative Governance  
Natural Resources Planning  
Seminar on Building Resilience to Catastrophic Events

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## Service to the University

### University of Colorado Boulder (2012-Present)

#### *Program in Environmental Design*

- Mentoring Committee (Chair) (2017)
- Faculty Search Committee (2015)
- Graduate Committee (2013-2017)
- Curriculum Committee (2013-2015)
- Visioning Committee (Chair) 2014
- Executive Committee (2013-2015)
- Search Committee for two positions (2016)

#### *Program in Environmental Studies*

- Curriculum Committee, MENV (2017-18)
- Graduate Admissions Committee (2013-2015)
- Teaching Review Committee (2013)
- Tenure Review and Promotion Committee for Jill Litt (2013)
- Professional Masters Executive Committee (2014-2016)
- Search Committee for policy position (2016-17)
- Specialization Coordinator, Sustainability Planning and Management (2016-17)

#### *School of the Environment and Sustainability*

- Implementation Committee (2013-2014)
- Chair, Environmental Design, Policy, and Planning Committee (2014-2015)
- Sustainability Committee (2014-2015)
- Professional Degrees Committee (2014-2015)
- Committee Chairs Committee (2014-2015)

#### *Campus Level*

- Sustainability Executive Committee (2013-2014)
- Curriculum Director, Sustainability Practices Program (2013-2015)
- Campus Sustainability Awards Committee (2013-2015)
- Outreach and Education Coordinator for Sustainability Initiatives (2013-2015)
- 3CG Institute Council of Fellows (2013-2015)

### University of Colorado Denver (2009-2012)

- Advisor to American Planning Association Student Chapter
- Organizer, Ecological Practices Student Association
- Designed and implemented departmental Masters student exit survey
- Departmental representative, College Speaker's Committee
- Graduation Marshall for college
- Departmental committee on curricular reform and faculty recruitment
- Ph.D program committee, chair of sub-committee on admissions for Sustainable and Healthy Environments (SHE) program

### Virginia Tech (2004-2009)

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## *School of Public and International Affairs (Department)*

- 2008-9: Speakers series coordinator
- 2007-8: Doctoral advisory committee
- 2007: Doctoral admissions committee
- 2007: Faculty search committee
- 2005-7: Undergraduate curriculum committee
- 2004-5: Urban Affairs and Planning speaker's committee

## *College and University Level*

- 2008-9: Program Director For Collaborative Learning at Institute For Policy and Governance
- 2008: College of Architecture and Urban Studies web design committee
- 2007: Poster presentation at Dean's Forum on the Environment
- 2007: Dean's representative for Virginia Tech Man and Woman of the Year selection committee
- 2006: Organized science policy workshop for Science and Technology Studies Program
- 2005-6: Presented at Science and Technology Studies Symposium
- 2005: Graduate admissions committee, Science and Technology Studies Program
- 2004: Faculty study group on undergraduate sustainability curriculum

## **Service to the Profession**

- Scientific Committee, Transformation 2017 conference, Dundee Scotland, 2016-17
- Track Chair, Planning Process, Administration, Law and Dispute Resolution 2014-2016
- Member, International Union for Conservation Of Nature Commission On Ecosystem Management And Ecosystem Management Programme Resilience Task Force 2014-2016

## **Conference Organizer, Moderator, Discussant**

Conference on Communication and the Environment, CU Boulder, June 11-14, 2015

- Organizer/moderator for all-day pre-conference workshop on "Environmental Communication and Resilient Communities"
- Organizer/Moderator for session on resilience assessment

Resilience 2014 Conference, Montpellier France, May 4-8 2014

- Organized and facilitated three panels on Collaborative Resilience in Practice; I : Capacity Building, II: Social Learning, III: Governance

20<sup>th</sup> Critical Geography Conference, University of Colorado Boulder, February 21-23 2014

- Discussant, Panel on Movements: Diversity, Critique, and the Politics of Difference

C2C Fellows Workshop Facilitator, February 26, 2013

International Conference on Culture, Politics, and Climate Change. University of Colorado, Boulder, September 13-15, 2012.

- Moderator of Panel on Translating the Science of Climate Change for Effective Policy Action

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Association of Collegiate Schools of Planning, Cincinnati OH, November 1-4, 2012

- The Emergence of Resilience Planning. Roundtable Organizer and Participant

Association of Collegiate Schools of Planning, Salt Lake City, Utah, October 13-16, 2011

- Organized roundtable discussion of my edited book "Collaborative Resilience: Moving Through Crisis to Opportunity, MIT Press, 2011

Association of Collegiate Schools of Planning conference (ACSP), Crystal City, VA, 2009

- Organized three sessions:
  - Planning For Resilience to Catastrophic Events: Resilience and Communicative Action
  - Planning For Resilience to Catastrophic Events: Resilient Collaborative Planning (also moderator)
  - Planning For Resilience to Catastrophic Events: Resilient Collaborative Governance (also moderator)
- Discussant for panel on Managing Planning Conflicts

Organizer, Virginia Tech Symposium On Enhancing Resilience To Catastrophic Events Through Communicative Planning, 2008

ACSP / Association of European Schools of Planning Joint conference, Chicago, IL, 2008

- Panel moderator/discussant: Planning and Climate Change IV – Adaptation Considerations

ACSP, Milwaukee, WI, 2007

- Organized and moderated session: Ecological Planning – New Theoretical Approaches

ACSP, Fort Worth, TX, 2006

- Abstract reviewer for environmental planning track
- Roundtable co-organizer and participant: Ecological Approaches to Planning Theory
- Panel moderator/discussant: Conservation of Environmental Resources - Discourse and Practice

Science and Democracy Network meeting, Harvard University, Cambridge, MA, 2005

- Organized panel on ecological fire restoration
- Panel commentator on science policy

ACSP, Kansas City, MO, 2005

- Organized and moderated 2 panels
  - Critical Approaches To Environmental Planning I: Knowledge, Domination And Resistance
  - Critical Approaches To Environmental Planning II: Contesting Place, Building Consensus?

Ecological Society of America, Tucson, AZ, 2002

- Organized and moderated session on science in habitat conservation planning

### Editorial and Review Activity

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Associate Editor, Cogent Social Sciences

Associate Editor, Journal of Planning Theory and Practice

Board of Editors, Journal of Architectural and Planning Research (JAPR)

Editorial Board, Australian Planner

Editorial Board, Cogent Social Sciences

Subject Editor, Ecology and Society

Guest Editor of two issues of Ecology and Society:

- "Resilience Through Multi-Scalar Collaboration"
- "Exploring Social-Ecological Resilience through the Lens of the Social Sciences"

Reviewed academic manuscripts:

- Antipode
- Ecology and Society
- Planning Theory and Practice
- Science and Public Policy
- Journal of Environmental Planning and Management
- Journal of Forestry
- Society and Natural Resources
- Environment and Planning
- International Journal of Wildland Fire
- Natural Hazards Review
- Journal of Planning Education and Research

Review of grant and fellowship proposals

- National Science Foundation: Science, Technology and Society program
- European Science Foundation
- Law and Social Sciences Program, National Science Foundation
- Social Sciences and Humanities Research Council of Canada (SSHRC)

### Professional Experience

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| 2017        | Founder and Director, Netweaver's Network  |
| 2013-16     | Fire Adapted Community Learning Network <ul style="list-style-type: none"><li>• 2013-16: Serve on coordinating committee</li><li>• 2014: Organized and facilitated sessions at annual workshop</li><li>• 2015: Network Design and Review Meeting, Boise ID</li><li>• 2016: Annual Workshop, Jacksonville, FL</li></ul>   |
| 2007-9      | Fire Learning Network (U.S. Forest Service and Nature Conservancy) <ul style="list-style-type: none"><li>• 2007: Facilitated participation at FLN annual meeting in Tucson, AZ</li><li>• 2007: Peer review panel, learning networks knowledge package</li><li>• 2007-8: Support for regional network meetings</li><li>• 2007: Organized 3-day network leadership training workshop</li><li>• 2009: Participated in Forging Fire Alliances national meeting</li></ul> |
| 2003-5      | Organized scientific advisory panel for endangered species habitat conservation plan developed by the City of Santa Cruz, CA   |
| 1999 - 2004 | Science Director, Biodiversity Sciences Center, Natural Heritage Institute (NHI), Berkeley, CA   |

## BRUCE EVAN GOLDSTEIN

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| 1994 - 1997 | GIS Analyst, Center for Biodiversity Analysis and Management, University of California, Santa Cruz |
| 1990 - 1992 | Research Analyst, World Resources Institute, Washington DC   |
| 1989 - 1991 | Research Biologist, Copper River Delta Ecosystem Study, Cordova, AK and Corvallis, OR              |
| 1987 - 1988 | Research Assistant, Worldwatch Institute, Washington DC  |
| 1986        | Policy Intern, The Conservancy, Naples, FL   |

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### Graduate Advisees since coming to CU Boulder

#### *Advisees:*

Lee Frankel-Goldwater, Ph.D 2016-  
Julie Risien, U. of Oregon Ph.D 2014-  
Jeremiah Osbourne-Gowey ENVS Ph.D 2014-  
David Burchfield ENVS Masters Awarded 2015  
Sarah Schweizer, CU Denver Ph.D. 2010-

#### *Committee membership:*

Alexander Lee, ENVD 2015  
Meaghan Daly, ENVS Ph.D 2014-  
Claire Chase, Communication Ph.D, 2014-  
Amy Carrier, CU Denver Public Affairs Ph.D Awarded 2015  
Kanmani Venkateswaran, ENVD Masters awarded 2014  
Enessa Janes, CU Denver Ph.D awarded 2013

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### AWARDS AND FELLOWSHIPS

Morris K. Udall Environmental Policy and Conflict Resolution Dissertation Fellowship, 2001  
U.S. National Science Foundation Program in Societal Dimensions of Engineering, Science, and Technology, Doctoral Dissertation Improvement Grant (#9987683), 1999-2000  
Departmental Fellowship, Department of City and Regional Planning, University of California Berkeley, 1997  
Aldo Leopold Fellowship, Yale School of Forestry and Environmental Studies, 1990

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### PROFESSIONAL ORGANIZATIONS

International Association for Society and Natural Resources  
Association of Collegiate Schools of Planning  
American Planning Association: Vice-chair, Information Technology Division

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### EXTRAMURAL SUPPORT

Co-Principal Investigator (15%) of \$1,499,707 award from the National Science Foundation for, "Creating and Studying a National Network of Centers of STEM Education: Developing

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Foundational Infrastructure for Educational Transformation," with Kacy Redd, Bruce E. Goldstein, Gabriela C. Weaver, Noah D. Finkelstein. Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR), 2015 - 2020.

Co-Principal Investigator (20%) of \$300,000 award from the National Science Foundation for the study of Resilient Interdependent Infrastructure Processes and Systems, 2014.

Principal Investigator (100%) of \$75,000 award from the U.S. Forest Service (USFS) Northern Research Station for research examining the design and implementation of the Fire Adapted Community Network, 2014

Principal Investigator (100%) of \$194,00 award from the U.S. Forest Service (USFS) Northern Research Station for research examining the design and implementation of the Fire Adapted Community Network, with \$20,000 in funding for travel provided by TNC, 2013

Principal Investigator (100%) of \$75,000 award from the U.S. Forest Service (USFS) Northern Research Station for continuation of study "Improving Collaborative Decision-making and Community Capacity Through Fire Learning Networks, 2009-2011

Training grant of \$9,997 to support network leadership training, awarded by the U.S. Forest Service Northern Research Station, with \$15,000 in funding for travel and facilities provided by the Nature Conservancy, 2007

Principal Investigator (95%) of \$161,501 award from the U.S. Forest Service (USFS) Northern Research Station for study "Improving Collaborative Decision-making and Community Capacity Through Fire Learning Networks", 2006-2009

Two-year Agreement with the Nature Conservancy to provide \$30,000 to support the Fire Learning Network research project, 2006-2007

Co-Principal investigator (49%) with Bruce Hull in the Virginia Tech Department of Forestry on \$129,890 U.S. Forest Service (USFS) Northern Research Station study examining community involvement in wildfire response and recovery, 2004-2006