

Keith G. Tidball

U. S. Citizen

3208 Route 89 Seneca Falls, New York 13148**PH (607) 254-5479 E-mail: kgtidball@cornell.edu****EDUCATION****Ph. D.** (2012) Cornell University*Natural Resources/ Environmental Dimensions of Human Security and Resilience***M. A.** (2000) The George Washington University*International Affairs/ International Conservation & Agricultural Development***B. A.** (1998) University of Kentucky*Cultural Anthropology/ Ritual, Symbolism & Resource Dependent Communities***AREAS OF SPECIALIZATION****Disaster Readiness, Response, and Resilience and Vulnerability, Conflict, and Security**

- Environmental peacemaking & security, natural resources in post-conflict & post-disaster response & recovery, human security
- Conservation & development, disaster/humanitarian assistance & development

Urban Ecology and Urban Community Resilience

- Urban community greening and urban community forestry and reforestation
- Social-ecological systems resilience

Agricultural and Natural Resources Sustainable Development

- Community-based watershed management
- Environmental conservation, sustainable development planning & implementation
- Urban & high-density environmental planning & management
- Agricultural & natural resources scientific exchanges, technology transfers

Cultural Anthropology and Political Psychology

- Ecological anthropology, conservation anthropology
- Anthropology of political violence, war, & disaster
- Religious discourse and practice, symbolism, visual anthropology
- Crisis decision-making, leadership, psychology of political violence & terrorism

ADDITIONAL EDUCATION & TRAINING

- Certificate, Cornell Faculty Leadership Program, Ithaca, NY June 2013
- Certificate, Stockholm University Resilience Center & Cape Town University African Centre for Cities, Cape Town South Africa, *Using Social Network Analysis in Urban Social Ecological Studies*, 2009

Emergency Management & Disaster Response

- Certificate, FEMA Emergency Management Institute, IS- 00075 Military Resources in Emergency Management 2015
- Certificate, FEMA Emergency Management Institute, IS-00775 EOC Management & Operations 2015
- Certificate, FEMA Emergency Management Institute, IS-00010.a Animals in Disaster: Awareness and Preparedness 2014
- Certificate, FEMA Emergency Management Institute, IS-00100.b Introduction to Incident Command System ICS-100 2013
- Certificate, FEMA Emergency Management Institute, IS-00200.b ICS-Single Resources & Initial Action Incident, ICS-200 2013
- Certificate, FEMA Emergency Management Institute, IS00909 Community Preparedness, July 2013
- Certificate, FEMA Emergency Management Institute, IS00907 Active Shooter, July 2013
- Certificate, American Red Cross, Damage Assessment, February 1999
- Certificate, American Red Cross, Mass Care I, December 1998
- Certificate, American Red Cross, CPR/Community First Aid, December 1998
- Certificate, American Red Cross, Introduction to Disaster Management, November 1998

Outdoor Recreation

- Certificate, American Heart Association First Aid CPR April 2013
- Water Safety August 2013
- New York State Licensed Guide (Hunting, Fishing, Camping, and Hiking) October 2013
- New York State DEC Boats & Canoes certification October 2013

Military

- Diploma & Commission, [Kentucky Military Academy](#), Fort Knox, KY, *Officer Candidate's School*, 1993
- Certificate, Camp Grayling, MI, *Cold Weather Operations School*, 1991
- Diploma, U.S. Army Infantry Center, Fort Benning, GA, Advanced Infantry Training, 1990
- Diploma, U.S. Army Infantry Center, Fort Benning, GA, Basic Infantry Training, 1990

PROFESSIONAL EXPERIENCE

- Jul 2011- Present** **Senior Extension Associate, Department of Natural Resources, Cornell University**
Position is 30% research, 70% outreach and extension. Focus on science and policy of environmental approaches to readiness, response, and resilience in all-hazards contexts. Specialize in CBNRM in post-conflict and post-disaster contexts. Research focus on the role of CBNRM in conferring resilience to social-ecological systems perturbed by sudden conflict or disaster.
- Jan 2011- Present** **New York State Coordinator, Extension Disaster Education Network (EDEN), Cornell Cooperative Extension, Cornell University**
Develop and provide disaster preparedness and response information to county CCE associations and stakeholders; maintain active partnership with National EDEN; act as lead for the EDEN Disaster All-Hazards Response Team (DART); work with State Specialists to provide support to CCE Associations as they develop and update their emergency plans; serve as liaison between NYS Land Grant and the agencies involved in disaster management within the state Emergency Operations Center.
- May 2015 Present** **Brigade S3, 10th Brigade New York Guard, State of New York Department of Military and Naval Affairs**
Planning and operations officer for brigade headquarters and 4 battalions.
- May 2013- May 2015** **Battalion S1, 21st Emergency Response Battalion of the 10th Brigade, New York Guard, State of New York Department of Military and Naval Affairs**
The 21st Battalion, with lineage dating to the Civil War, is headquartered in Rochester NY. As the S1 of the 21st Emergency Response Battalion, serve as a member of the Battalion coordinating staff, reporting to the Battalion Commander and supervising the health, morale, and general welfare of the battalion. Functional role consists of supervising and coordinating the unit's personnel and administration systems..
- Oct 2003- Jul 2011** **Extension Associate, Department of Natural Resources, Cornell University**
Associate Director and co-founder of [Cornell Civic Ecology](#). Theme Leader of Environmental Dimensions of Human Security theme within the Cornell Civic Ecology Lab. Program Leader of [Cornell Communities and Urban Forests Program](#).
- Oct 2002- Oct 2003** **Agricultural and Natural Resources Economic Development Program Leader, Cornell University, Cooperative Extension, Ontario County, New York**
Agriculture Economic Development specialist engaged in design and delivery of educational programs to enhance productivity, economic vitality and sustainability of agriculture and food systems industries. Assist in education of landowners and farmers on agricultural marketing, business development, and sustainable natural resource management issues.

- Nov 1999-
Sept 2002** **International Affairs Specialist, US Department of Agriculture, Foreign Agriculture Service, International Cooperation and Development, Research and Scientific Exchanges Division, Washington, D.C.**
Sustainable agriculture and conservation specialist focused on development, implementation, and evaluation of international technical assistance projects, seminars, and study tours to promote international peace processes, agricultural and natural resources conservation technologies in developing countries, and responsible expansion of U.S. export markets. Travel abroad extensively to engage in international negotiations and program coordination and implementation. Manage complex intra-agency and inter-agency logistics in the U.S. and abroad. Coordinate with other USDA representatives, other U.S. government agencies, U.S. organizations, foreign counterparts, and university representatives.
- May 1999-
Aug 1999** **Volunteer Training Coordinator, Nueva Esperanza, Tegucigalpa, Honduras,**
Responsibilities included coordinating disaster relief efforts of three large "short-term" volunteer groups from the United States, including all training, logistics, materials, and support, on a sanitation and primary education project. Initiated proceedings to establish legal not-for-profit organizational status for both Honduras and the United States, including formation of boards and committees.
- Aug 1998-
May 1999** **Research Assistant, Federation of American Scientists, Washington, D.C.**
Served as staff expert on development and military/conflict affairs. Participated in forming U.S. Small Arms Working Group to examine proliferation of light weapons. Organized Small Arms/Light Weapons conference session on Small Arms/ Light Weapons and Development and Humanitarian Relief Issues. Other responsibilities included consultation, writing and editing for newsletters, research and research support for the Arms Sales Monitoring Project. Attended hearings, presented lectures and short presentations, and tracked legislation, executive policy, and international initiatives related to light weapons systems. Gained experience in national media appearances on CNN, CBC, and various national radio outlets.
- May 1998-
Aug 1998** **Research Intern, Foreign Affairs/National Defense Div., Library of Congress, Congressional Research Service, Washington, D.C.**
Responsibilities included research and research support, tracking legislation, executive policy and international initiatives on the encryption debate related to foreign intelligence; researched U.S. encryption policy and practice as it related to foreign intelligence practices; located Congressional, Department of Defense, and other government documents; attended hearings.

PUBLICATIONS

Peer Reviewed Journal Articles

Published

- Chan, J. B. DuBois, and **KG Tidball**. 2015. [Refuges of Local Resilience: Community Gardens in Post-Sandy New York City](#). *Urban Forestry & Urban Greening* 14(3), p. 625–635.
- **Tidball, KG** 2014. [Seeing the forest for the trees: Hybridity and social-ecological symbols, rituals and resilience in post-disaster contexts](#). Part of a special issue “Exploring Social-Ecological Resilience through the Lens of the Social Sciences: Contributions, Critical Reflections and Constructive Debate,” *Ecology and Society*, 19(4) 25.
- Lauber, B. & **K.G. Tidball**. 2014. [Characterizing Healthy Urban Systems: Implications for Urban Environmental Education](#). *Cities and the Environment*.(CATE): Vol. 7(2) 2.

- Tidball, M., **KG Tidball**, and P. Curtis. 2014. [The Absence of Wild Game and Fish Species from the USDA National Nutrient Database for Standard Reference: Addressing Information Gaps in Wild Caught Foods.](#) *Ecology of Food and Nutrition*, 53:1-7, p. 142-148.
- Krasny, ME, SR Crestol, **KG Tidball**, & RC Stedman. 2014. [New York City's Oyster Gardeners: Memories, meanings, and motivations of volunteer environmental stewards.](#) *Landscape and Urban Planning*, Vol. 132, pgs. 16-25.
- Krasny ME, A. Kudryavtsev, **KG Tidball**, & T Elmqvist. 2014. [Civic Ecology Practices: Participatory approaches to generating and measuring ecosystem services in cities.](#) *Ecosystem Services* Vol. 7, 177–186.
- **Tidball, KG**, M. Tidball and P. Curtis. 2013. [Extending the Locavore Movement to Wild Fish and Game: The Seneca Wild Harvest Table Extension Program.](#) *Journal of Natural Resources and Life Sciences Education*, Vol. 42 No. 1, p. 185-189.
- **Tidball, KG** & RC Stedman. 2013. [Positive Dependency and Virtuous Cycles: From Resource Dependence to Resilience in Urban Social-Ecological Systems.](#) *Ecological Economics* 86: 292–299.
- **Tidball, KG**. 2012. [Urgent Biophilia: Human-Nature interactions and biological attractions in disaster resilience.](#) *Ecology and Society*. 17(2): 5.
- Marianne E Krasny & **Keith G Tidball**. 2012. [Civic ecology: a pathway for Earth Stewardship in cities.](#) *Frontiers in Ecology and the Environment* 10: 267–273.
- Navarro, M. & **KG Tidball**. 2012. [Challenges of biodiversity education: A review of education strategies for conserving biodiversity.](#) *International Electronic Journal of Environmental Education*, Vol. 2, Issue 1.
- **Tidball, KG** & Elon D. Weinstein. 2011. [Applying the Environment Shaping Methodology: Conceptual and Practical Challenges.](#) *Journal of Intervention and Statebuilding*, 5(4): 369-394.
- **Tidball, KG** & ME Krasny. 2011. [Toward an Ecology of Environmental Education and Learning.](#) *Ecosphere*, 2(2): Article 21.
- **Tidball, KG** & ME Krasny. 2010. [Urban Environmental Education from a Social-Ecological Perspective: Conceptual Framework.](#) *Cities and the Environment*, 3:1, Article 11.
- **Tidball, KG**. 2010. Greening in the Red Zone: Green Space and Disaster Resistance, Recovery and Resilience. *Anthropology News*, Commentary, Volume 51, Issue 7.
- Alfsen C, L Dickinson, **K Tidball**, V Galoumian, & M Navarro. 2010. The URBIS Partnership Proposal for a Global Urban Designation. *Policy Matters*, 17: 41-45.
- **Tidball, KG**, ME Krasny, E Svendsen, L Campbell, & K Helphand. 2010. [Stewardship, Learning, and Memory in Disaster Resilience.](#) “Resilience in Social-Ecological Systems: the Role of Learning and Education,” Special Issue of *Environmental Education Research*, 16(5): 341-357.
- Sriskandarajah, N, R Bawden, C Blackmore, **K Tidball**, & A Wals. 2010. Resilience in learning systems: case studies in university education. “Resilience in Social-Ecological Systems: the Role of Learning and Education,” Special Issue of *Environmental Education Research*, 16(5).

- Shava, S, M Krasny, **K Tidball**, and Cryton Zazu. 2010. Agricultural knowledge in urban and resettled communities: applications to social–ecological resilience and environmental education. “Resilience in Social-Ecological Systems: the Role of Learning and Education,” Special Issue of *Environmental Education Research*, 16(5-6): 575-589.
- Krasny, ME, and **KG Tidball**. 2010. [Civic Ecology: A Social-ecological systems view of education in cities](#), *Journal of Extension*, 48(1).
- Krasny, ME, **KG Tidball**, and N Sriskandarajah. 2009. [Education and Resilience: Social and Situated Learning Among University and Secondary Students](#), *Ecology and Society*, 14(2):38.
- Krasny, ME and **KG Tidball**. 2009. [Community gardens as context for science, stewardship and advocacy learning](#). *Cities and the Environment*. 2(1): article 8, 18 pp.
- Krasny, ME and **KG Tidball**. 2009. [Applying a Resilience Systems Framework to Urban Environmental Education](#). *Environmental Education Research*, 15: 465- 482.
- **Tidball, KG** and CP Toumey. 2007. [Serpents, Sainthood, and Celebrity: Symbolic and Ritual Tensions in Appalachian Pentecostal Serpent Handling](#). *Journal of Religion and Popular Culture*, Fall.
- Liddicoat, KP, JW Simon, ME Krasny, and **KG Tidball**. 2007. [Sharing Programs across Cultures: Lessons Learned from Garden Mosaics in South Africa](#). *Children, Youth, and Environments*, 17 (4).
- Weinstein, ED and **KG Tidball**. 2007. [Environment Shaping: an Alternative Approach to Development and Aid](#). *Journal of Intervention and Statebuilding*, 1(1): 67-85.

Accepted or In Press

- **Tidball, KG** (In press). Traps in and of our minds: Relationships between logic and dialectical traps and social-ecological traps. Special Feature – *Sustainability Science*.

Submitted or Under Review

- **KG Tidball**, RC Stedman, & CA Aktipis. Social-ecological feedback enhances greening during disaster recovery: A model of social and ecological processes in local ecological investment. Submitted to *Ecology & Society*.
- Mou Jian Lee and **KG Tidball**. Missing Civic Ecology Practices in the Nuisance Chironomid Outbreaks in Singapore. Submitted to *Journal of Urban Ecology*.
- **Tidball, KG**, M. Bain, T. Elmqvist. Virtuous Cycles as Sources of Resilience in Disrupted Social-Ecological Systems. In revision at: *Sustainability Science*.
- Sakurai, R., **K.G. Tidball**, H. Kobori, R.C. Stedman, & H. Tsunoda. Exploring Social-Ecological Resilience via Three Megafauna in Japan: An exercise in integrating ideas of human dimensions of wildlife management, Satoyama, and SES thinking. Submitted to: *Conservation Biology*.

In Preparation

- Hart, A. & **K.G. Tidball**. Resistance and resilience: Cross-scale interactions and alternative responses to change in social-ecological systems in the context of international development. In preparation for submission *Ecology and Society*.

- Ranara, J., Ståhle, A., Zetterberg A., Fetzer I., Liljeros F., Telenius A., **Tidball K.**, Elmqvist T. Linking Non-monetary Social Direct-Use and Ecological Habitat Values of Open and Green Spaces in Stockholm, Sweden – an Example of Mapping an Urban Planning Social Ecological Relative Evaluation Matrix.
- Tidball, M., Exler, J., Somanchi M., Williams, J., Kraft, C., Curtis, P., Tidball, K. Increasing the Legibility of Wild-caught Foods in the US: Brook Trout Nutritional Analysis for Inclusion into the USDA National Nutrient Database for Standard Reference. In preparation for submission to *Appetite*.

Books Authored or Edited & Book Chapters

Books or Chapters Published

- **Tidball, KG** (2015) “Hunting and the Return of the Warrior: Therapeutic Possibilities for the Chase” in Daniel Dustin (editor) *This Land Is Your Land: Toward a Better Understanding of Nature's Resiliency-Building and Restorative Power for Armed Forces Personnel, Veterans, and their Families*. Sagamore Publishing.
- **Tidball, KG** (2015) “Terrorist Threats to Food and Water Supplies” in Ken Albala (editor) *The SAGE Encyclopedia of Food Issues*, Volume 3, Pgs.1375-1376. SAGE Publications, Inc., Los Angeles.
- Krasny, M. E. and **K. G. Tidball**. (2015). *Civic Ecology: Adaptation and Transformation from the Ground Up*. MIT Press.
- **Tidball, KG**. (2014). “Wildlife Conservation” in Alex Michalos and Lisa Chase (editors) *Encyclopedia of Quality of Life Research*, Springer Dordrecht, Netherlands, pp. 7130-7131.
- Oswald-Spring, U., H.G. Brauch, **K.G. Tidball**, Eds. (2014). *Expanding Peace Ecology: Peace, Security, Sustainability, Equity and Gender*. Springer-Verlag.
- **Tidball, KG**. (2014). Peace Research and Greening in the Red Zone: Community-based Ecological Restoration to Enhance Resilience and Transitions Toward Peace. In Oswald-Spring, Brauch, and Tidball eds. *Expanding Peace Ecology: Peace, Security, Sustainability, Equity and Gender*. Springer-Verlag.
- **Tidball, KG** and ME Krasny, Editors. (2013). *Greening in the Red Zone: Disaster, Resilience and Community Greening*. Springer-Verlag, Netherlands.
- **Tidball, KG** (2013). Urgent Biophilia: Human-Nature interactions in Red Zone Recovery and Resilience. In: Tidball and Krasny, Eds., *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer publishing.
- **Tidball, KG** (2013). Trees and Rebirth: Social-Ecological Symbols and Rituals in the Resilience of Post-Katrina New Orleans. In: Tidball and Krasny, Eds., *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer publishing.
- Krasny, ME, KH Pace, **KG Tidball**, and K Helphand. (2013). Nature Engagement to Foster Resilience in Military Communities. In: KG Tidball and ME Krasny, eds. *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer-Verlag, Netherlands.
- **Tidball, KG** and ME Krasny (2013). Resilience and Transformation in the Red Zone. In: KG Tidball and ME Krasny, eds. *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer-Verlag.

- **Tidball, KG** and ME Krasny (2013). Introduction: Greening in the Red Zone. In: KG Tidball and ME Krasny, eds. *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer-Verlag.
- **Tidball, KG**, ME Krasny, and ED Weinstein (2013), Synthesis and Conclusion: Applying Greening in Red Zones. In: KG Tidball and ME Krasny, eds. *Greening in the Red Zone: Disaster, Resilience, and Community Greening*. Springer-Verlag.
- Elmqvist, T., M. Fragkias, J. Goodness, Burak Güneralp , P. J. Marcotullio, R. I. McDonald, Susan Parnell , M. Schewenius, M. Sendstad, K. C. Seto, C. Wilkinson, M. Alberti, C. Folke, N. Frantzeskaki, Dagmar Haase , M. Katti, H. Nagendra, Jari Niemelä , S. T. A. Pickett, C. L. Redman and **K. Tidball** (2013). [Stewardship of the Biosphere in the Urban Era](#). In T. Elmqvist, M. Fragkias, J. Goodness et al. (Eds.) *Urbanization, Biodiversity and Ecosystem Services: Challenges and Opportunities - A Global Assessment*. Dordrecht Heidelberg New York London, Springer.
- Stedman, RC, BL Amsden, TA Beckley, and **KG Tidball** (2013). [Photo Based Methods for Understanding Place Meanings: A Focus on Risk and Restoration](#). In L. Manzo and P. Devine-Wright (Eds) *Place Attachment: Advances in Theory, Methods and Research*. Routledge. 232 pgs.
- McPherson, PT and **KG Tidball** (2013). Disturbances in Urban Social-Ecological Systems: Niche Opportunities for Environmental Education. In ME Krasny and J Dillon, eds. *Trans-disciplinary Perspectives in Environmental Education*. Peter Lang Publishing.
- Krasny, ME and **KG Tidball**. 2013. Civic Ecology: a Social-ecological Resilience Perspective on Environmental Education as a Practice and System. In: *Environmental Education Reader*. J Dillon, C Russell, and M Breunig, eds. Peter Lang.
- **Tidball, KG** and ME Krasny. 2012. "Civic Ecology, Resilience, and Citizen Science in Disaster Zones" in Janis Dickinson and Rick Bonny (editors) *Citizen Science: Public Collaboration in Environmental Research*, Cornell University Press.
- **Tidball, KG**, K Helphand, E Svendsen, and L Campbell. 2011. "Stewardship, Memory, and Learning in Disaster Resilience" in Krasny, M, Plummer, R, and Lundholm, C. (editors), *Resilience in Social-Ecological Systems: the Role of Learning and Education*. Taylor and Francis, London.
- **Tidball, KG** and M E Krasny. 2007. "[From Risk to Resilience: What Role for Community Greening and Civic Ecology in Cities?](#)" in Wals, Arjen (editor), *Social Learning: Towards a more Sustainable World*, Wageningen Academic Publishers, Wageningen, The Netherlands.
- **Tidball, KG** and CP Toumey. 2003. "Signifying Serpents: Hermeneutic Change in Appalachian Pentecostal Serpent Handling," in Ray, Celeste and Luke Eric Lassiter (editors), *Signifying Serpents and Mardi Gras Runners: Representing Identity in Selected Souths*, University of Georgia Press, Athens, Georgia.

Books or Chapters Accepted or in Press

- Allred, DuBois, Bunting-Howarth, **Tidball**, and Solecki (2016). "Social Ecological System Transformation" in Sanderson, Solecki, Waldman, and Parris (editors), *Prospects for Resilience: Insights from New York City's Jamaica Bay*, Island Press, Washington DC.
- Ramasubramanian, Ferenz, Leichenko, Menser, Reiser, Allred, Barra, Bolstad, Meyer, Brezin, Curtis, Feder, Forrester, Lewis, **Tidball**, Viltz, and Wells (2016). "People, Communities and Resilience around

Jamaica Bay” in Sanderson, Solecki, Waldman, and Parris (editors), *Prospects for Resilience: Insights from New York City’s Jamaica Bay*, Island Press, Washington DC.

- Ramasubramanian, Ferenz, Leichenko, Menser, Reiser, Allred, Barra, Bolstad, Meyer, Brezin, Curtis, Feder, Forrester, Lewis, **Tidball**, Viltz, and Wells. (2016) “A Strategy for Community Resilience Practice for the Jamaica Bay Watershed” in Sanderson, Solecki, Waldman, and Parris (editors), *Prospects for Resilience: Insights from New York City’s Jamaica Bay*, Island Press, Washington DC.

Books or Chapters Submitted, Proposed or Under Contract

- **Tidball, KG.** (proposed) *Returning Warriors: Reintegration of Returning Combatants Through Outdoor Recreation and Conservation*. Routledge.
- SR Kellert and **Tidball, KG.** *Biophilia and the Chase: Explorations in Hunting, Angling, and Affinity with Nature*. Under development.

Extension and Outreach Publications

- **Tidball, KG.** 2014. Cornell Cooperative Extension’s Disaster Education Network Stands Ready to Assist. *New York State Association of Counties News*, Spring/Summer pp 36-37.
- Lauber, T.B. and **K.G. Tidball.** 2013. Environmental Education in Urban Systems: An Exploration in Research and Practice. In Strauss, D. (Ed.), *The LEAF Anthology of Urban Environmental Education*. Arlington, VA: The Nature Conservancy (pp. 277- 290).
- Campbell, K., L. Chan, J. Custot, T. Elmquist, and R. Galt with S Agbemenya, C Alfsen, N Allsopp, P Anderson, , E Andersson, D T Anh, A Barbe, O Barbosa, J Bernal, S Birch, R Boone, S Cilliers, B Combes, D Cooper, P Dogsé, El Douwes, M Dubbeling, M Fragkias, J Garard, A Getz, F Gianfelici, J Goodness, D Gopal, Burak Güneralp, O Hillel, P Holmes, J Hopkins, M Kazembe, M Laros, B de Leeuw, J Liu, P Marcotullio, N Marzok, A McDonald, R McDonald, M McGeoch, R McInnes, C McLean, M Kingsley, R Moreno-Peñaranda, S Monet, P Moustier, M Natty, R Oates, P O’Farrell, S Parnell, S Patrickson, A Pauchard, M A Rahman, J Ranara, F Reitsma, C Robichaud, C Romanelli, M Samways, M Schewenius, M Sendstad, J Senior, K Seto, C Shackleton, F Spinelli, M Taguchi, M Thomas, **KG Tidball**, P Toriro, T Trzyna, C Chia, C Wilkinson, W Yap, and R Zhang. 2012. *Cities and Biodiversity Outlook - Action and Policy: A Global Assessment of the Links between Urbanization, Biodiversity, and Ecosystem Services*. Secretariat of the Convention on Biological Diversity. Montreal, Canada. 64 pages.
- Lauber, TB, **KG Tidball**, ME Krasny, N. Freitas, B. Griswold, B. Ukeritis, and C. Word. 2012. *Environmental Education in Urban Systems: An Exploration in Research and Practice*. Ithaca, NY: Cornell University Humans Dimensions Research Unit & Civic Ecology Lab.
- Alfsen, C, L. Dickinson, and **KG Tidball.** 2010. [The URBIS Partnership Proposal for Global Designation](#). *Cities and the Environment*, Vol 3, Issue 1.
- **Tidball, KG**, PJ Kleinman, and H Lambert. 2010. Balancing Conservation and Agriculture Production Priorities: The Canoga Creek Farm Project. *Cayuga Lake Watershed Network News*, Issue 1.
- **Tidball, KG**, ME Krasny and A Kudryavtsev. 2010. Civic Ecology Lab website. www.civicecology.org

- **Tidball, KG**, ME Krasny, and K Faurest, Eds. 2009. [The Case for a Community Greening Research Agenda](#). *Community Greening Review*- Special Issue on Community Greening Research, American Community Gardening Association. Columbus OH. 64 pp.
- Al-Jiburi, F, L Campbell, C Fragola, J Lu, ME Krasny, G Lovasi, D Maddox, S McDonnell, T McPherson, F Montalto, A Newman, E Pehek, R Rae, M Shane, R Stedman, E Svendsen, **KG Tidball**, L Westphal, and T Whitlow. 2009. [MillionTreesNYC: Green infrastructure and urban ecology: Building a research agenda](#). NYC Parks & Recreation. NYC, NY. December. 44 pp.
- **Tidball, KG**. 2009. [“Trees and Rebirth: Urban Community Forestry in Post-Katrina Resilience,”](#) *Regeneration: The Newsletter of the Community Forestry & Environmental Research Partners Program*, Vol. 9, 1. University of California, Berkeley. Winter.
- Tidball, MM and **KG Tidball**. 2009 Seneca CCE Wild Harvest Table website. <http://senecawildharvest.blogspot.com/>
- **Tidball, KG**. 2007. [“Birds in Community Gardens,”](#) *BirdScope*, Winter, Vol. 21, No. 1, pg 11, 2007. Cornell Laboratory of Ornithology.
- **Tidball, KG**. 2007. [“Urban Environments: Service Learning Towards Urban Sustainability,”](#) *Extending our Reach: Voices of Service Learning at Cornell*, Faculty Fellows in Service, Cornell University, Fall.
- **Tidball, KG** and ME Krasny. 2006. [“Creating Garden Mosaics, Piece by Piece,”](#) *Cornell Plantations Magazine*, Summer/Fall, pp 6-11.
- Krasny, ME, **Tidball, KG** and D Hoard, 2006. [Global Science Encounters Agrobiodiversity interactive DVD](#). Photosynthesis Productions. Ithaca, NY.
- Krasny, ME, R Doyle, **K Tidball**, and the Garden Mosaics Leadership Team. 2005. *Garden Mosaics Program Manual*. Cornell University Department of Natural Resources. 256 pp.
- Krasny, ME, **KG Tidball**, and D Hoard. 2004. *Garden Mosaics Interactive DVD for Educators*. Photosynthesis Productions. Ithaca, NY.
- Krasny, ME, **KG Tidball**, and D Hoard. 2004. *Garden Mosaics Promotional DVD*. Photosynthesis Productions. Ithaca, NY.
- Krasny, ME, **KG Tidball**, R Doyle, and N Najarian. 2003/06. *Garden Mosaics Website*. <http://www.gardenmosaics.org> .
- **Tidball, KG**. 2001. *TEACH US Promotional Video*. Richardson Productions Studios, Washington, DC.
- **Tidball, KG**. 2000. “Teaching Educators Agriculture and Conservation Holistically for Urban Society (TEACH US)” United States Department of Agriculture, Foreign Agriculture Service. <http://www.fas.usda.gov/rsed/teach-us/teachus.html> .
- **Tidball, KG**. 1999. “U.S. International Security Assistance Education and Training” Federation of American Scientists Arms Sales Monitoring Project <http://fas.org/asmp/campaigns/training.html> .

- Ferguson, CF and **KG Tidball**. 1999. "[Man-Overboard Signaling Technology Can Save Lives.](#)" Commentary published in *U.S. Naval Institute Proceedings*, 1999.
- **Tidball, KG**. 1999. "Tracking Small Arms with Radio Tags," *Arms Sales Monitor*, No. 41, October.
- **Tidball, KG**. 1999. "U.S. Foreign Military Training: Training Transparency?" *Arms Sales Monitor*, No.40, May.
- **Tidball, KG**. 1999. "Middle East Arms Proliferation: Cohen's Door to Door Sales," *Arms Sales Monitor*, No. 40, May.
- **Tidball, KG**. 1999. "Counter-Narcotics Aid: Throwing Arms at the Problem," *Arms Sales Monitor*, No.39, February.
- **Tidball, KG**. 1998. "Fanning the Flames in the Middle East," *Arms Sales Monitor*, No. 38, November.

Research and Extension Papers with Published Abstracts

- **Tidball, KG.**, T. Sooter, and L. Campbell. 2014. Landscapes of Resilience: Understanding how the creation and care of green spaces can affect resilience in times of crisis. *Resilience 2014*. Montpellier, France 2014.
- **Tidball, KG**. T. Elmqvist, and N. Frantzeskaki. 2014. Tips or Traps? Advancing understanding to steer clear of impoverishment traps and tipping points. *Resilience 2014*. Montpellier, France. May 2014.
- Chan, J., B. DuBois, and **K. Tidball**. 2014. NYC Community Gardens Cultivating Local Resilience Post-Sandy. Presented at the Association of American Geographers annual meeting, Tampa, FL. March, 2014.
- **Tidball, KG** 2014. Taking EDEN to the next level via social media and distributed networks. Presented at eXtension conference in Sacramento, CA, March 2014.
- **Tidball, KG**. 2011. Greening in the Red Zone: Human-Nature Interactions as a Part of Sustainable Reconstruction in Japan. Presented at *Building Sustainable Societies through Reconstruction: working with the International Community for Regenerating Japan*, Global Environmental Action Conference, Tokyo, Japan. October 2011.
- **Tidball, KG**. 2011. Urgent Biophilia: Human –Nature Interactions in Red Zone Recovery and Resilience. Presented at *Resilience 2011- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*. Second International Science and Policy Conference, Arizona State University, Tempe AZ. March 2011.
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- **Tidball, KG** and E Weinstein. 2011. Applying the Environment Shaping Methodology: Conceptual and Practical Challenges to Resilience Assessments. Presented at *COMPdyn 2011 3rd ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering*, Corfus, Greece. May 2011.
- **Tidball, KG**. 2010. Resilience in climate change, biodiversity, ecosystems and urban disaster. Presented as part of Session 2: Linking Climate Change and Biodiversity at the Local Level of the [City Biodiversity Summit 2010](#), [10th Conference of the Parties to the Convention on Biodiversity](#). Nagoya City, Aichi Prefecture, Japan. October 24-26, 2010.
- Navarro, M & **KG Tidball**. 2010. Challenges of biodiversity education: A review of education strategies for conserving biodiversity. North American Association for Environmental Education Annual Conference, Buffalo, NY Sept., 2010.
- **Tidball, KG** and TB Lauber. 2010. Environmental Education and Development of an Urban Land Ethic:

- Benefits for People and Landscapes. North American Association for Environmental Education Research Symposium, Buffalo, NY Sept 27-29, 2010.
- Alfsen, C, L Dickinson, & **KG Tidball**. 2010. [The URBIS Partnerships Proposal for Global Designation](#). Presented at World Urban Forum, Brazil, March.
 - Krasny, ME and **KG Tidball**. 2010. "Urban Environmental Education from a Social-ecological Perspective," presentation at MillionTrees NYC Research Symposium, New York, NY, March.
 - **Tidball, KG**. 2009. "[Trees and Re-birth: Resilience, Ritual, and Symbol in Community-based Urban Reforestation Recovery Efforts in Post-Katrina New Orleans](#)," *Paper presentation at the American Anthropological Association's Annual Meeting, Philadelphia, PA, December*.
 - **Tidball, KG**, & J Fahr. 2009. [Trees, Rebirth, and Resilience: A Case Study of the Role of Trees and Community Forestry in Recovery and Resilience Across Scales in Post-Katrina New Orleans](#). Presented at *Community Forestry and Environmental Research Fellows Workshop*, Penn Center, St. Helena Island, SC, Sept.
 - Tidball, MM & **KG Tidball**. 2009. "[Exploring Fish and Game as a Component of Local Food Systems: Seneca County CCE's Wild Harvest Table Project](#)." Presented at *Enhancing Local and Regional Food Systems: Exploring the Research, What Works, and What We Need to Learn* workshop, Hudson Valley Resort, Kerhonkson, NY, May.
 - Krasny, ME & **KG Tidball**. 2009. "Social-Ecological System Resilience: Role for Environmental Education." *Paper presentation at the World Environmental Education Congress, Montreal, Canada, May*.
 - **Tidball, KG** & ME Krasny. 2009. "[Towards an Ecology of Environmental Education: Feedback Loops, Environmental Education, and Resilience](#)." *Paper presentation at the World Environmental Education Congress, Montreal, Canada, May*.
 - **Tidball, KG** & J Fahr. 2008. "[Trees and Rebirth: An Urban Forestry Community of Practice in New Orleans Disaster Recovery](#)," presented at *Community Forestry and Environmental Research Fellows Workshop*, Craftsbury Outdoor Center, Craftsbury Common, Vermont, September.
 - **Tidball, KG** & Marianne Krasny. 2008. "[Rethinking Peace Parks as Social-Ecological Systems: "Environmental Peacemaking" and Resilience](#)." *Paper presentation at the 93rd Meeting of the Ecological Society of America, Milwaukee, WI, Aug 3-8*.
 - Stedman, RC & **KG Tidball**. 2008. "[Addiction or Trust, Vulnerability or Confidence? Expanding the Concept of "Dependence" in the Studies of Resource Dependent Communities](#)." *Paper presentation at meetings of the Rural Sociological Society, Manchester, NH July*.
 - **Tidball, KG** & ME Krasny. 2008. "[Raising Urban Resilience: Community Forestry and Greening in Urban Post-Disaster and Post-Conflict Contexts](#)." *Paper presentation at meetings of the Resilience Alliance, "Resilience 2008," Stockholm, Sweden: April*.
 - **Tidball, KG**. 2008. "[Urban Environments: A Service Learning Course in NYC to Foster Urban SES Resilience](#)." *Paper presentation and workshop at meetings of the Resilience Alliance, "Resilience 2008," Stockholm, Sweden: April*.
 - Krasny, ME, **KG Tidball**, S Sterling, and N Sriskandarajah. 2008. Application of resilience theory to education for sustainable development. *Resilience, Adaptation and Transformation in Turbulent Times, Resilience Alliance Conference, Stockholm Sweden, April*.
 - Krasny, ME & **KG Tidball**. 2008. "Civic Ecology Education: Building social and natural capital through learning." *Paper presentation at meetings of the Resilience Alliance, "Resilience 2008," Stockholm, Sweden: April*.
 - Krasny, ME and **KG Tidball**. 2008. "[Systems Theory in Environmental Education: Participation, Self-organization, and Community Interactions](#)." *American Educational Research Association. NYC, NY*.
 - Krasny, ME & **KG Tidball**. 2007. "[Civic Ecology Education](#)." *Paper presentation at meetings of the North American Association for Environmental Education, Virginia Beach VA, November*.
 - **Tidball, KG**. 2007. "[Community Forestry in NOLA Disaster Recovery](#)" presented at *Community Forestry Research Fellows Workshop*, Land Between the Lakes National Recreation Area, Kentucky, September.

- Krasny, ME, & **KG Tidball** 2007. “Civic Ecology Education: A Systems Approach to Resilience and Learning.” *Paper presentation at the World Environmental Education Congress, Durban, South Africa: July.*
- **Tidball, KG** and ME Krasny. 2007. “Civic Ecology” presented at *Cornell Alumni Weekend Giving Society Reception.* May.
- **Tidball, KG.** 2006. “Community Greening in New Orleans: Seeing the Past, and the Promise of the Future,” presentation at the *American Community Garden Association Annual Conference, Los Angeles, CA: August.*
- **Tidball, KG.** 2006. “Urban Community Greening and Community Resilience,” presentation at the *Cornell University Dept. of Natural Resources Graduate Student Association 2006 Symposium, Ithaca, NY: January 18.*
- Shirk, J, A Kudryavtsev, H Shayler, **K Tidball**, and M Krasny. 2006. “Accomplishing Science, Participation, Education, and Civics Together: Cornell Scientists/Educators Collaborate to Define an Agenda for Informed Environmental Action” presented at Cornell University, Department of Natural Resources *Graduate Student Association Symposium: Integrating applied ecology and resource policy.* February.
- Krasny, ME, R O' Donoghue, & **KG Tidball.** 2005. “Local and Indigenous knowledge in urban environmental education in the US and South Africa.” *Paper presented at the annual meeting of The North American Association for Environmental Education, Oct 24.*
- Ferenz, G, M Krasny, and **K Tidball.** 2005. “Connecting Community with Garden Mosaics” presented at the *American Association of Botanical Gardens and Arboreta 2005 Conference: Rooted in Community.* Chicago, June 30.
- **Tidball, KG.** 2005. “Toward a Natural Resource Intervention: Community Greening as a First Response Tool for Post-Crisis in Urban Contexts” presentation at the *Cornell University Dept. of Natural Resources Graduate Student Association 2005 Symposium, January.*
- Krasny, ME, **KG Tidball**, L Pohl-Kosbau, and A Berkowitz. 2004. [Exploring Urban Ecology Through Community Gardens.](#) Presentation/workshop at *Ecological Society of America Annual Conference.* Portland, Oregon. August 1.
- Krasny, ME, **K Tidball**, M Cox, G Daniel, L Librizzi, D Stahl, A Wasescha, and J Whitehead. 2003. “Garden Mosaics.” *American Community Garden Association Annual Conference: Chicago, IL.*
- Krasny, ME, **K Tidball**, M Cox, G Daniel, L Librizzi, D Stahl, A Wasescha, and J Whitehead. “Garden Mosaics.” *Cultural Connections for the School Garden.* Chicago, IL. 2003.
- **Tidball, KG** and ME Krasny. 2003. “Garden Mosaics: a unique citizen science project.” *Association of Botanical Gardens and Arboreta Annual Conference, Boston, MA.*
- **Tidball, KG** and ME Krasny. 2003. “Garden Mosaics: Intergenerational Learning in Gardens.” *Generations United Annual Conference, Arlington, VA.*
- **Tidball, KG.** 2002. “Media Portrayals of Appalachian Pentecostal Serpent-handling.” *Paper presented at the Annual Meeting of the Southern Anthropological Society, Asheville, North Carolina, April.*
- **Tidball, KG.** 2001. “New Observations on Appalachian Pentecostal Serpent Handling.” *Paper presented at the Annual Meeting of the Southern Anthropological Society, Nashville, Tennessee, April.*
- **Tidball, KG.** 1997. “Media Sensationalization, Shifting Symbols, and Serpent-handling in Appalachia.” *Paper presented at the Appalachian Studies Conference, Cincinnati, Ohio, March.*

Keynote, Guest Speaker and Other Invited Research and Extension Presentations

- **Tidball, KG,** 2015. Applying Need-based transfers to pressing large-scale problems – what can we learn from disasters? Hosted by the Human Generosity Project and the Decision Center for a Desert City at Arizona State University. Jan 2015.
- **Tidball, KG,** 2014. Greening in the Red Zone: Community-based Ecological Restoration to Enhance Resilience in Crisis & Disaster. Syracuse University’s Maxwell School of Citizenship and Public Affairs, Moynihan Institute on Public Affairs. June 2014.

- **Tidball, KG**, 2014. The Rhetoric of Resilience- of What, to What, and for Whom? Jamaica Bay Science and Resilience Institute Spring conference. April 2014.
- **Tidball, KG**. 2014. [Greening in the Red Zone: Community-based Ecological Restoration to Enhance Resilience and Peaceful Transitions to Reconstruction](#). Syracuse University's Maxwell School of Citizenship and Public Affairs, Institute for National Security and Counter-Terrorism, part of the David F. Everett Postconflict Reconstruction Speaker Series. March 2014.
- **Tidball, KG**. 2014. Ecosystem Services and the Ecological Identity & Ecological Disenfranchisement Discourse. *Yale Ecosystems Services Symposium* hosted by Yale School of Forestry and the Environment, New Haven, CT. January, 2014.
- **Tidball, KG** and RC Stedman. 2013. Positive Resource Dependency in Urban Systems: Applying Urgent Biophilia and Restorative Topophilia. *Stockholm Seminar Series* hosted by the Royal Swedish Academy of Sciences, Stockholm, Sweden.
- **Tidball, KG**. Nature and Green Spaces: Sources, Sites, and Systems of Resilience and other Re-Words. *Healing Nature Forum* presented by The Horticulture Society of New York and the NYU Langone Medical Center's Horticultural Therapy Department. New York City, NY. March 2013.
- **Tidball, KG**. Greening in the Red Zone. Cities and Biodiversity Outlook Workshop. *Rio+20 United Nations Conference on Sustainable Development*. Rio de Janeiro, Brazil. 18 June 2012.
- **Tidball, KG**. History of the Urban Biosphere initiative. *ICLEI Urban Nature Forum*. Belo Horizonte, Brazil. 14 June 2012.
- **Tidball, KG**. 2011. Recovery and Resilience in the Aftermath of Disasters: Greening in the Red Zone. Presented at conference on *Global Citizenship: Social and Environmental Justice*. Hobart and William Smith Colleges, Fisher Center. Geneva, NY. November 2011.
- **Tidball, KG** and RC Stedman. 2011. Positive Dependency: Ecological Sense of Self, Ecological Sense of Place, and Resilience in Urban Social-Ecological Systems. Presented at pre-conference workshop, *Exploring Ecosystem Services in Cities Through the Lens of Resilience. Resilience 2011- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*. Second International Science and Policy Conference, Arizona State University, Tempe AZ. March 2011.
- **Tidball, KG**. 2011. The Civic Ecology Lab: A Social-Ecological Approach to Urban Research. Presented at pre-conference workshop, *Urban Social-Ecological Research - Developing Understanding of Resilience and Transformations. Resilience 2011- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*. Second International Science and Policy Conference, Arizona State University, Tempe AZ. March 2011.
- **Tidball, KG** and F. DiSalvo. 2010. Cornell Center for a Sustainable Future. Presented at: *Future Sustainable Campuses Seminar*, a side event of the *World Expo 2010* sponsored by the Swedish Institute and Tongji University Shanghai, China, October.
- **Tidball, K**, M Krasny, E Svendsen, L Campbell, & K Helphand. 2010. "Stewardship, Learning, and Memory in Disaster Resilience," invited presentation at Stockholm Resilience Center, Stockholm, Sweden, March.
- **Tidball, KG**. 2009. "Using Social Network Analysis in Post-disaster Urban Reforestation Projects," invited presentation at *Using Social Network Analysis in Urban Social Ecological Studies*, Stockholm University Resilience Center & Cape Town University African Centre for Cities, Cape Town South Africa, October.
- **Tidball, KG**. 2009. "Synthesizing an Interdisciplinary Research Agenda," invited presentation at *Million Trees NYC, Green Infrastructure, and Urban Ecology: Building a Research Agenda* workshop, New York, NY, May.
- **Tidball, KG**. 2008. "[Civic Ecology for Greener Communities](#)," invited presentation at the *Achieving Greener Communities Through Civic, Private, and Government Sector Innovations* conference, a one-day conference of the Rural Learning Network of Central and Western New York. Mt. Morris, NY: October.
- **Tidball, KG**. 2008. "[Civic Ecology: Resilience Thinking in Urban Social-Ecological Systems](#)," invited presentation at the *8th Annual Symposium on Environmental and Energy Systems, "Creating Resilience in*

Sustainable Communities," Syracuse, NY: September.

- **Tidball, KG.** 2008. "Bringing People Back in: Civic Ecology in Urban Social-Ecological Systems," invited presentation at the *Summer Joint Session of the Northeast Agricultural Experiment Station and Cooperative Extension Directors, and the Council for Agricultural Research, Extension, and Teaching (CARET) Delegate*, Wash. , DC: July.
- **Tidball, KG.** 2007. "Urban Environments: Civic Ecology Through Service Learning in New York City," invited presentation at Cornell Public Service Center's annual *Faculty Fellows in Service University-Community Partnership Conference*, Ithaca, NY: April 26.
- **Tidball, KG.** 2007. "Civic Ecology: Growing Neighborhood Leaders," invited keynote address at the *Ohio Community Gardening Conference*, Columbus, OH: March 16.
- **Tidball, KG.** 2003. "Understanding the 'Region' in Regional Economic Development: A Finger Lakes Perspective" invited presentation at *Atlantic Corridor Irish Exchange Conference, New York State Agricultural Experiment Station, Cornell University, Geneva, New York*, July 9.
- **Tidball, KG.** 1999. "The United Nations and Humanitarian Assistance: Coordination Challenges," invited presentation at the *Visions in Action: Working for Global Justice Conference, American University, Washington, D.C.*, March.
- **Tidball, KG.** 1998. "Media Constructs of a Serpent-handling Community: Shifts in Symbols, Rituals, and Roles," presentation at the *National Conference on Undergraduate Research, Salisbury State University, Salisbury, Maryland*, April.

Academic Theses

- **Tidball, KG.** 2012. *Greening in the Red Zone: Valuing Community-Based Ecological Restoration in Human Vulnerability and Security Contexts*. Ph.D. Dissertation, Cornell University.
- **Tidball, KG.** 2000. *Addressing and Mitigating the Urban "Anti-Ag" Bias: The TEACH US Program*, M.A. Thesis, The George Washington University, Elliott School Of International Affairs.
- **Tidball, KG.** 1998. *Media Constructs of a Serpent-Handling Community: Shifts in Symbol, Ritual, and Roles*. B.A Senior Honors Thesis, University of Kentucky.

Extension and Research Reports, Briefings and White Papers

- **Tidball, KG** (2014) Internationalizing Extension Disaster Education: The Bicol University Philippines Case Study. USDA NIFA Division of Family and Consumer Sciences Visiting Scholar White Paper. Washington DC.
- DuBois, Bryce and **Tidball, Keith G.** (2013). Greening in Coastal New York Post-Sandy #CEL004. In Cornell Civic Ecology Lab (Ed.), Civic Ecology Lab White Paper Series (pp. 42). Ithaca, NY: Cornell University.
- **Tidball K.G.** (2013) Green spaces: A path to recovery and resilience. In: *CARDI Research And Policy Brief Series*, issue 55. Department of Development Sociology, Cornell University.
- **Tidball, Keith G.** (2013). The New York Extension Disaster Education Program: Testimony before the New York Legislature Standing Committee on Environmental Conservation's Hearing on Effects of Extreme Weather Events #CEL003. In Cornell Civic Ecology Lab (Ed.), Civic Ecology Lab White Paper Series (pp. 6). Ithaca, NY: Cornell University.
- **Tidball, Keith G.** (2013). Returning Warriors and Environmental Education Opportunities: Outdoor Recreation, Education, and Restoration for Veterans #CEL002. In Cornell Civic Ecology Lab (Ed.), Civic Ecology Lab White Paper Series (pp. 17). Ithaca, NY: Cornell University.
- **Tidball, Keith G.,** Svendsen, Erika S., Campbell, Lindsay K., Falxa-Raymond, Nancy, & Wolf, Kathleen L. (2012). Preliminary Analysis of TKF "Book & Bench" texts using unsupervised semantic mapping of natural language with Leximancer concept mapping #CEL001. In Cornell Civic Ecology Lab (Ed.), Civic Ecology Lab White Paper Series (pp. 11). Ithaca, NY: Cornell University.

- **Tidball, K**, E Weinstein, S Kaisler, R Grossman-Vermaas, and S Tousley. 2008. "[Stake-Holder Asset-Based Planning Environment](#)" *DOD/OSD 2007 STTR TOPIC 003 Final Technical Report*, May.
- **Tidball, KG**. 2008. "[Trees and Rebirth: Urban Community Forestry in Post-Katrina Resilience](#)," *Community Forestry and Environmental Research Fellows Program Pre-dissertation fellowship Final Report*, 2008.
- **Tidball, KG**, C Kramer-LeBlanc, and S Wolfe. 2002. "TEACH US- Teaching Educators Agriculture and Conservation Holistically for Urban Society," *World Summit on Sustainable Development USDA Background Paper*, USDA/FAS/ICD/RSED, Johannesburg, South Africa, August 26.
- **Tidball, KG**. 2001. "ICD/RSED Scientific Cooperation in Agriculture with Spain," USDA/FAS/ICD/RSED Briefing Paper, April 26.
- **Tidball, KG**. 2000. "The U.S. Ireland Cooperation Program in Agriculture, Science, and Technology," USDA/FAS/ICD/RSED Briefing Paper, March 9.
- **Tidball, KG** and RA Best, Jr. 1998. "[The Encryption Debate: Intelligence Aspects](#)," *CRS Report for Congress*, Congressional Research Service, Library of Congress, Washington, D.C., November.

Extension Facilitated Workshops and Meetings

- Tidball KG 2015
- **Tidball, KG**. 2012. Returning Warriors 3 Day conference- Environmental Education Opportunities for Returning Veterans. Camp Wabasso, Jefferson County and Fort Drum, NY. September 11th- 13th, 2012.
- **Tidball, KG**. 2012. Returning Warriors Stakeholder Focus Groups – Outdoor Recreation and Returning Veterans. Carthage American Legion Carthage, NY (Fort Drum area). 20 participants. September 6, 2012.
- **Tidball, KG** and B. Lauber. 2011. Urban Environmental Education and the Urban Land Ethic. Workshop at the US Forest Service Urban Field Station in New York City. March 2, 2011. 11 participants..
- **Tidball, KG** (Lead facilitator). 2010. [Towards a Participatory Ecosystem Approach to Urban Planning](#). UNESCO Side Event at the 10th City Biodiversity Summit at the Tenth Conference of the Parties (COP10) Aichi-Nagoya, October, 2010. 25 participants.
- **Tidball, KG** (Lead facilitator). 2009. "Issues of Scale: Scale Mismatch and Research Approaches in New York City's Million Trees Program," *Million Trees NYC, Green Infrastructure, and Urban Ecology: Building a Research Agenda* workshop, New York, NY, May. 15 participants.
- **Tidball, KG** and ME Krasny, "Local vs. Global Environmental Education: Approaches emerging from 'spaces-in-between'" presentation at the *World Environmental Education Congress*, Durban, South Africa: July 2007. 21 participants.
- **Tidball, KG**, ME Krasny. 2004. "Garden Mosaics: Growing Across Cultures." Workshop at *American Community Garden Association Annual Conference: Toronto*, September 30.

Extension Outreach: Opinion-Editorials and Letters-to-the-Editor

- **Tidball, KG**. 2006. "Volunteers made plan for Fayette, Varick a reality," Letter to the Editor, *Finger Lakes Times*, January 29, pg 2D.
- **Tidball, KG**. 2005. "Give thanks, and keep planning," Guest Appearance, *Finger Lakes Times*, March 14, 2005, pg 6.
- **Tidball, KG**. 2003. "The farm is a sanctuary," Guest Appearance, *Finger Lakes Times*, February 24, pg 4A.
- **Tidball, KG**. 2002. "The bluster behind the biotech debate," Letter to the Editor, *Canandaigua Daily Messenger*, November 25, pg 5A.
- **Tidball, KG**. 2002. "Barn preservation part of N.Y. charm," Letter to the Editor, *Rochester Democrat and Chronicle*, October 30, pg 2F.

- **Tidball, KG.** 1999. “[Arming Kosovo Rebels is Not the Solution to the Balkan Crisis](#),” Letter to the Editor, *Washington Times*, April 26, pg A20.

Extension Outreach: City and Regional Planning Products

- “[Town of Fayette Land Use Regulations](#)” Keith G. Tidball & Stuart Brown & Associates, 2008.
- “Mobilizing the Community to Integrate Ecology, Open Space Resources, and Disaster Resistance in a Post-Katrina 9th Ward” suite of planning studies, analysis, and recommendations. Keith G. Tidball, Daniel Pearlstein, Carol Slawson, Elizabeth Seward, George Frantz, and Ole M. Amundsen III, 2006. (<http://www.crp.cornell.edu/outreach/nopi/> or <http://www.sci-links.com/nola.html>)
- “Towns of Fayette & Varick Comprehensive Plan.” Keith G. Tidball, Thomas Bjorkman, and Stuart Brown and Associates, 2005 (<http://www.sci-links.com/planning.html>).

Extension Outreach: Media Appearances, Presentations and Products

Media Appearances, Citations, and Quotations

- Featured in *New York Times*, Science [What Determines the Color of Fish Flesh?](#) Nov 2014.
- Featured in *US News & World Report* [Start Tornado Preparation Now, Expert Advises](#) April 2014.
- Featured in *Cornell Chronicle* [Keith Tidball named USDA visiting scholar](#) Jan 2014
- Featured in *Rochester Democrat & Chronicle* [Do It: Wild game, it's what's for dinner](#) Dec 2013
- Featured in *Live Science* [Haiyan's Aftermath: 7 Key Steps to Recovery](#), Nov 2013.
- Featured in *Cornell Alumni Magazine* “Prepare for the Worst: Cornell-based program helps New Yorkers cope with all manner of disasters,” Oct 2013
http://cornellalumimagazine.com/index.php?option=com_content&task=view&id=1710&Itemid=56&ed=37
- Featured in *Cornell Chronicle* “Project aims to lure locavores to the wild side,”
<http://www.news.cornell.edu/stories/2013/08/project-aims-lure-locavores-wild-side> Aug 2013.
- Interviewed for KZRG-AM in Joplin, MO regarding TKF Foundation funding for “Landscapes of Resilience in tornado damaged Joplin. With Tom Stoner. June 2013.
- Featured in *Cornell Chronicle* “Researcher to study, develop public ‘healing spaces’”,
<http://news.cornell.edu/stories/2013/06/researcher-study-develop-public-healing-spaces> June 2013.
- Featured in *PeriodiCALS*, Around the Quad section, “Greening in the Red Zone.” Spring issue, p 4.
<http://calsnews.cornell.edu/2013-spring/exclusives/magazine.html> March 2013.
- Featured in *PeriodiCALS*, Around the Quad section “Significant Response to Superstorm Sandy.” Spring issue, p. 4. <http://calsnews.cornell.edu/2013-spring/exclusives/magazine.html> March 2013.
- Mentioned in *Ezra Magazine* for NY EDEN work in Post- Hurricane Sandy efforts, “Action Teens, apples and the spirit of democracy: Cornell’s culture of public engagement expands the definition of ‘land grant’.” VOL. V NO. 2, WINTER 2013, PG 9. <http://ezramagazine.cornell.edu/WINTER13/ezra.pdf> January 2013.
- Interviewed for *USA Today* “Students, colleges aid in Sandy relief efforts.”
<http://www.usatodayeducate.com/staging/index.php/ccp/students-colleges-aid-in-sandy-relief-efforts> November 2012.
- Interviewed for *NBC News* blog “Staten Island fury: Official blasts Red Cross response after Sandy as a ‘disgrace.’” http://usnews.nbcnews.com/_news/2012/11/01/14861545-staten-island-fury-official-blasts-red-cross-response-after-sandy-as-a-disgrace?lite November 2012.
- Interviewed for *WHCU radio* “CCE providing Statewide Disaster Relief Effort”
<http://whcu870.com/CCE-Providing-Statewide-Disaster-Relief-Effort/14670733?> November, 2012.
- Interviewed for *Cornell Chronicle* “Disaster education expert offers ways people can help”
<http://www.news.cornell.edu/stories/Oct12/HelpDisaster.html>
- Interviewed for *Salt Lake Tribune* “Disabled veterans climb iconic Teton on 9/11 anniversary,”
<http://www.sltrib.com/sltrib/news/54898719-78/says-sullens-jukes-maroulis.html.csp> October, 2012.

- Interviewed for *Watertown Daily Times* “Research project looks to connect returned soldiers and nature,” <http://www.watertowndailytimes.com/article/20120907/NEWS03/709079869/-1/news> September, 2012.
- Interviewed for Channel 7 WNYF news for *Researcher Looks To Nature To Help Veterans* story. <http://www.wnnytv.com/news/local/Researcher-Looks-To-Nature-To-Help-Veterans-168821626.html> September, 2012.
- Interviewed for Channel 7 WNYF news for *Military Matters: Vets Needed For Back To Nature Study* story. <http://www.wnnytv.com/news/ftdrum/Military-Matters-Vets-Needed-For-Back-To-Nature-Study-167900215.html> September, 2012.
- Conducted interview with Dr. Braulio Diaz, Executive Secretary of the Convention on Biological Diversity for Stockholm Resilience Center media coverage of Rio +20. <http://www.stockholmresilience.org/research/researchvideos/urbanisationbiodiversityandecosystems.5.5d9ea857137d8960d47e12.html> June, 2012.
- Conducted interview with Professor Thomas Elmqvist Brand for Stockholm Resilience Center media coverage of Rio +20. <http://www.stockholmresilience.org/research/researchvideos/prelaunchcitiesandbiodiversityoutlook.5.5d9ea857137d8960d47def.html> June, 2012.
- Conducted interview with Kobie Brand for Stockholm Resilience Center media coverage of Rio +20. <http://www.stockholmresilience.org/research/researchvideos/urbannaturelocalgovernance.5.5d9ea857137d8960d474d5.html> June, 2012.
- Conducted interview with Oliver Hillel for Stockholm Resilience Center media coverage of Rio +20. <http://www.stockholmresilience.org/research/researchvideos/bringingbiodiversitybackintocities.5.5d9ea857137d8960d4732b.html> June, 2012.
- Interviewed for Channel 12 news north central Wisconsin for top story “Helping Heroes Heal.” http://cdn.bimfs.com/WJFW/4b389204416439bed6a3bbf0b964121dea8ac195_fl9.mp4 April, 2012.
- Appeared in Field & Stream special web video Hero for a Day- Wounded Warriors in Action. http://link.brightcove.com/services/player/bcpid1115607023001?bkey=AQ~~,AAAAAEw5kgw~,2RZE_s0b97zE730ZI-qMx96jCg6eslpX&bctid=1651198730001 April, 2012.
- Featured and interviewed on Cornell CHE blog “Evidence-based Living” <http://evidencebasedliving.human.cornell.edu/2011/07/serious-business-the-evidence-on-heat-waves/> July, 2011.
- Featured and interviewed on CCE website for story on military families and resilience. <http://cce.cornell.edu/FeatureStories/Pages/CCEHelpsSoldiersandFamilies.aspx> . July, 2011.
- Featured and interviewed on CCE100 blog (Cornell Cooperative Extension Centennial-<http://www.cce100.com/>) “New coordinator brings fresh ideas to disaster response in NYS, hopes to learn from Japan crisis.” May, 2011.
- Featured on Stockholm Resilience Center multi-media website videos “What is community-based natural resource management?” and “How can community-based natural resource management help build resilience to perturbed urban areas?,” October 2010.
- Interviewed for Cornell University *Cornell Chronicle*, “CU scientists help NYC plant and care for 1 million trees,” March 9, 2010.
- Report on New Orleans reforestation research, *The Canopy*, a publication of the Louisiana Urban Forestry Council, “Study says trees more than just symbol of resilience,” Summer, 2009, 18 (1).
- Interviewed for Cornell University *CALS News* magazine, “CALS Fights for Urban Well-being,” Spring 2009.
- Interviewed for local NPR station, “Snake Handling Comes Under Scrutiny.” 89.3 FM WFPL News Louisville, KY. 2008.
- Report and quotes on Syracuse.com regarding talk at Syracuse Center of Excellence symposium, “Creating Resilience in Sustainable Communities,” September, 2008.
- Interviewed for radio and television news media as a security analyst with the Federation of American Scientists. Interview appearances include BBC TV and Radio, CBC Television, Swiss Broadcasting Corporation, and others.

Photo Credits

- Monarch butterflies in community garden in Lower East Side, Manhattan, NYC. Cover of Lauber, TB, **KG Tidball**, ME Krasny, N. Freitas, B. Griswold, B. Ukeritis, and C. Word. 2012. *Environmental Education in Urban Systems: An Exploration in Research and Practice*. Ithaca, NY: Cornell University Humans Dimensions Research Unit & Civic Ecology Lab.
- Freshly harvested produce from community garden in New Orleans. . Cover of Lauber, TB, **KG Tidball**, ME Krasny, N. Freitas, B. Griswold, B. Ukeritis, and C. Word. 2012. *Environmental Education in Urban Systems: An Exploration in Research and Practice*. Ithaca, NY: Cornell University Humans Dimensions Research Unit & Civic Ecology Lab.
- Youth participating in environmental education activity at a military installation in the U.S. Cover of Lauber, TB, **KG Tidball**, ME Krasny, N. Freitas, B. Griswold, B. Ukeritis, and C. Word. 2012. *Environmental Education in Urban Systems: An Exploration in Research and Practice*. Ithaca, NY: Cornell University Humans Dimensions Research Unit & Civic Ecology Lab.
- Urban skyline, Tokyo Japan. . Cover of Lauber, TB, **KG Tidball**, ME Krasny, N. Freitas, B. Griswold, B. Ukeritis, and C. Word. 2012. *Environmental Education in Urban Systems: An Exploration in Research and Practice*. Ithaca, NY: Cornell University Humans Dimensions Research Unit & Civic Ecology Lab.
- Tree planting in Greenwich Village, Manhattan, NYC with the “Green Team.”
- Young girl with duck limits and yellow lab. Cover of *Fall 2011 Meeting of the Wildlife and Hunting Heritage Conservation Council* program. November 15th & 16th, 2011. Main Interior Building 1849 C Street NW, Room 5160 Washington, D.C.
- Mother and daughter squirrel hunting. Cover of *Winter 2011 Meeting of the Wildlife and Hunting Heritage Conservation Council* program. February 14th and 15th, 2011. Main Interior Building 1849 C Street NW, Room 5160 Washington, D.C.
- Children planting trees in New Orleans. In *Weather-Proofing Your Landscape: A Homeowner's Guide to Protecting and Rescuing Your Plants*, Sandra Dark, 2011.
- Community Gardens in NYC. *Cornell Chronicle*, pg. 7, April 27, 2006.
- Serpent Handler in Appalachia Church, pg. 174, In *Invitation to Anthropology*, LE Lassiter, 2002; AltaMira Press.

Web and Social Media

- Returning Warriors:: Outdoor Recreation, Restoration, and Resilience (REWORRRS - <http://reworrr.blogspot.com/>)
- CCE NY Extension Disaster Education Website, update regularly. New topic pages added monthly.
- Cornell U. NY EDEN Twitter site (@CCE_Disaster) 397 followers
- CCE NY EDEN Facebook site (www.facebook.com/CceEden) 261 “Likes”

Non-Academic Publications/Popular Press

- Tidball, KG, 2009, *Steps: Still Standing in the Lower 9th Ward*. A photo collection in book form from a photo exhibit. Blurb Press.
- Tidball, KG, 2002. *Northern Bites. Sporting Tales. Vol. 3 (4)*.

TEACHING & STUDENT ADVISING*Courses Taught*

- Cornell, Natural Resources 6970 “Graduate Individual Study in Natural Resources” Fall 2014
- Cornell, Natural Resources 4991 “Honors Research in Natural Resources” Fall 2012, Spring 2013

- Cornell, Natural Resources 6970 “Graduate Individual Study in Natural Resources” Fall 2012, Spring 2013
- Cornell, Natural Resources 694 “Transdisciplinary Approaches to Environmental Challenges.” Fall 2008. With Dr. E. Mills & Dr. R. Stedman.
- Cornell, Natural Resources 494/694 “Urban Environments/Alternative Spring Break NYC.” Spring 2008.
- Cornell, City and Regional Planning 384/584 “Green Cities.” With Elan Shapiro, Fall 2007.
- Cornell, Natural Resources 490: “Urban Environments/Alternative Spring Break NYC.” Spring 2007.
- Cornell, Natural Resources 496: “Urban Environments/ Alternative Spring Break NYC.” Spring 2006.
- Cornell, Natural Resources 496: “Urban Environments/ Alternative Spring Break NYC.” With Dr. M. Krasny, Spring 2005.
- Cornell, Natural Resources 699: “Science Education for Civic Participation.” Team-taught with Dr. M. Krasny and Dr. Tania Schusler, Fall 2005.

Student Advising

- Seung Won (Isaac) Suh – Class of 2015, Masters of Public Affairs
- Bryce DuBois – Class of 20xx PhD, committee member
- Abby Hart – Class of 20xx. Master of Science degree, Ad Hoc committee member.
- Jennifer Pierce – Class of 2013. Master of Regional Planning, Ad Hoc committee member
- Dean Henley – Class of 20xx, Royal Rhodes University. Master of Environmental Education & Communication, Committee Chair
- Mou Jian Lee – Class of 2013. Bachelor of Science (Honors), Honors Program Advisor

Guest Lectures/ Directed Readings

- “Positive dependence - Biophilia and Topophilia as Sources of Social-Ecological Systems Resilience,” Stockholm University, PhD seminar 2 day course, SU2013-05, Department of Systems Ecology, 2013.
- “Cities and Biodiversity,” Columbia University, EEEB G9509, Ecology, Evolution and Environmental Biology Department (E3B), Graduate School of Arts and Sciences, 2010.
- “Urban Conservation Challenges,” Cornell University, CRP 689, Dept. of City & Regional Planning, *Strategic Conservation Planning*, Fall 2007.
- “Garden Mosaics and Plant-People Interactions,” Cornell University, HORT 235, Department of Horticulture, *Plants and Human Well-Being*, Spring 2005.
- "Information Security, Encryption and the Law: An Overview," invited guest lecture seminar talk given at the Communication, Culture, and Technology Center, Georgetown University, Washington, D.C., November 1998.

RESEARCH & EXTENSION GRANTS

- 2104 Resilience Practice in Jamaica Bay and Environs: A Proposal to Help Launch the Science and Resilience Institute at Jamaica Bay (Co-PI, with Shorna Allred, Gretchen Ferenz, & Katherine Bunting-Howarth) *Rockefeller Foundation* (\$107,450)
- 2014 NYS Resiliency Institute for Storms and Emergencies (PI) *Dept. of Housing and Urban Development* (\$15,830)
- 2013 Returning Warriors II. (PI). *Hatch-Multistate* (\$45,000)
- 2013 Agriculture Sentinel Volunteer Program. (PI) New York State Department of Agriculture and Markets. (\$40,946.00).
- 2013-2017 Landscapes of Resilience: Understanding the creation and stewardship of open spaces and sacred places in Joplin, MO and New York City/Long Island (PI, with Erika Svendsen Co-PI) *TKF Foundation*. (\$585,258.00).
- 2012 URBIS: Developing a global research/policy agenda for urban sustainability and biodiversity (PI, with Marianne Krasny, Co-PI). *Atkinson Center for a Sustainable Future* (\$20,000).

- 2012 Landscapes of Resilience: Understanding the creation and stewardship of open spaces and sacred places in Joplin, MO and Detroit, MI –planning grant (PI). *TKF Foundation* (\$49,285).
- 2012-2014 Shooting Sports as Civic Ecology Recreation: An Exploration and Expansion of Extension Activities that Promote Natural Resource Recreation for Resilient People, Communities, and Ecosystems (PI). *Smith-Lever* (\$94,946).
- 2012-2014 Returning Warriors: A Study of the Social-Ecological Benefits of Coming Home to Nature (PI, with Marianne Krasny Co-PI). *Smith-Lever & Hatch* (\$85,600).
- 2012-2014 Leveraging the Locavore Movement: Exploring Family and Community Food Decision-making from a Systems Perspective (Co-PI, with Paul Curtis PI) *Smith-Lever & Hatch* (\$90,129).
- 2010 Greening and Greenspace as Conflict Amelioration in a South African Informal Settlement. *Mario Einaudi Center for International Studies/ Cornell Institute for International Food and Development International Research Travel Grant* (\$1200).
- 2010 Greening and Greenspace as Conflict Amelioration in a South African Informal Settlement. *Cornell University Peace Studies Program Research Travel Grant* (\$500).
- 2009-2013 Managing Natural Resource Recreation for Resilient People, Communities, and Ecosystems. (Co-PI, with D Decker, M Krasny, and J Enck, co-PIs). *Hatch* (\$240,000).
- 2009 Urban Trees for Sustainable Cities: Workshop to Develop an Integrated Social-Ecological Sciences Research Agenda in New York City. (Co-PI, with Marianne Krasny, PI). *Cornell Center for a Sustainable Future Academic Venture Fund*. (\$38,000).
- 2008 Linking Watershed and Community Development Groups to Build Socio-Ecological Resilience in the Hudson River Watershed (Co-PI, with Richard Stedman, PI) *Hatch* (\$39,000).
- 2008 Environmental Education and the Development of an Urban Land Ethic – Benefits for People and Ecosystems (Co-PI, with Bruce Lauber, PI) *Smith-Lever & Hatch* (\$69,000).
- 2008 Military Families Project- “Defiant Gardens” (Co-PI, with Richard Halpin, Co-PI, and Marianne Krasny, PI) *Smith-Lever & Hatch* (\$102,000).
- 2008 Empowering land managers to increase resilience of New York’s natural resources in the face of regional climate change (Collaborator, with Co-PIs R. L. Schneider, Shorna Broussard, Paul Curtis, and Peter Smallidge) *Smith-Lever & Hatch* (\$60,000).
- 2008 [Development of Systems Architecture for Stake-Holder Asset-Based Planning Environment](#) Phase 1 (Associate Investigator, with M Krasny and S Tousley co-PIs). *Department of Defense, Office of the Secretary of Defense, STTR* (\$100,210).
- 2007 [Urban Community Greening to Reduce Violent Conflict in Cape Town, South Africa](#). *Mario Einaudi Center for International Studies International Research Travel Grant* (\$1400).
- 2006-09 [Urban Community-Designed Green Spaces: Applying Common Values to Resolving Land Use Conflict](#). (PI with M Krasny, co-PI). *Smith-Lever & Hatch* (\$63,000).
- 2006-07 Design Principles for Interactive Digital Learning Tools- Agricultural Education and Business Applications in Central Upstate NY. (unofficial co-PI with M Krasny & D Hoard, PIs). *Metropolitan Development Association of Syracuse and Central NYS and PhotoSynthesis Productions, LLC*. (\$55,000).
- 2005 Garden Mosaics International Supplement (PI with M Krasny, co-PI). *NSF International Programs and Informal Science Education* (\$99,227).
- 2004 Garden Mosaics South Africa Planning Visit. (unofficial co-PI with M Krasny PI). *NSF International Programs and Informal Science Education* (\$6,000).

AWARDS & HONORS

Fellowships

- 2013/2014 USDA NIFA Visiting Scholar
- 2009 Cornell Center for a Sustainable Future Faculty Fellow
- 2008 Cornell Faculty Fellows-in-Service Fellowship “*Adding a Local Service Learning Component to the*

Urban Environment Course.”

- 2008 Community Forestry and Environmental Research Partnerships Dissertation Fellowship “*Trees and Rebirth: Urban Community Forestry in Post-Katrina Resilience.*”
- 2007 Community Forestry Research Fellows Program Pre-dissertation Fellowship “*Role of Community Forestry in NOLA, 9th Ward Disaster Recovery.*”
- 2006 Clinton Dewitt Smith Fellowship

Merit awards

- Republic of the Philippines Dept. of Agriculture ATI *Certificate of Appreciation* for providing technical assistance in establishing a framework for the Philippines Extension Disaster Education Network (EDEN) during the ten-day visit of the US Dept. of Ag on Sept. 16-26, 2015.
- US Department of Agriculture *Certificate of Appreciation* for Outstanding leadership in the development of the Philippines Extension Disaster Education Network and service as a visiting scholar. 2015
- New York State Association of Cornell Cooperative Extension 4-H Educators *2013 Communicator Award* for outstanding achievement in Educational Package Team. 2013.
- [US Department of Agriculture National *Unsung Hero Award*](#) for design and implementation of [TEACH US](#) international agriculture education and extension program, 2002.
- US Department of Agriculture *Certificate of Appreciation* for leadership of TEACH US international agriculture education program to China, South Africa, and Ireland, 2001.
- US Department of Agriculture *Certificate of Appreciation* for leadership of DC Teacher’s Initiative South Africa expedition, 2000.
- US Department of Agriculture *Certificate of Appreciation* for DC Teacher’s Program and Ireland Food Safety Conference, 2000.
- University of Kentucky *Van Meter Award* for Outstanding Public Service, Volunteerism, and Humanitarian Action, 1998.
- University of Kentucky *Student Activities Board Award* for designing, building, and implementing University wide multi-cultural and diversity education programs, 1998.
- Departmental Honors, Anthropology, University of Kentucky, Lexington, KY, 1998.
- Graduated magna cum laude, University of Kentucky, Lexington, KY, 1998.
- *Phi Beta Kappa Essay Award*, 1997.
- The Kentucky Military Academy [Erickson Trophy](#), for overall excellence presented to distinguished graduate attaining highest overall standing in leadership, academics and Commandant’s evaluation, Kentucky Military Academy, 1993.
- National Guard Assoc. of Kentucky Award for Academic Excellence, Kentucky Military Academy, 1993.
- Army Achievement Medal, 1993.
- Kentucky Merit Ribbon, Second Award, 1993.
- Kentucky Merit Ribbon, 1993.
- National Defense Service Medal, 1991.
- Army Service Ribbon, 1989.

Honor Societies

- Omicron Delta Kappa Leadership Honor Society 1997-present
- Phi Beta Kappa Honor Society 1998-present

Media awards

- 2007 Horizon Interactive Awards, gold

- For *Global Science Encounters: Discovering Agricultural Biodiversity*
- 2007 Summit Creative Awards in Interactive Media, gold
- For *Global Science Encounters: Discovering Agricultural Biodiversity*
- 2007 Telly Awards, Silver
- For *Global Science Encounters: Discovering Agricultural Biodiversity* DVD
- 2006 54th Columbus International Film and Video Festival, honorable mention
- 2006 Daveys Gold Award in Interactive Multimedia, gold
- 2006 Millennium Award, Gold- For *Garden Mosaics* interactive DVD
- Silver- For *Global Science Encounters: Discovering Agricultural Biodiversity* DVD
- 2005 INTERCOM/Chicago International Film Festival, Gold Plaque
- For *Garden Mosaics*, interactive DVD, educational CD-ROM/DVD category
- 2005 Columbus International Film and Video Festival (Chris Awards) Honorable Mention
- For *Garden Mosaics*, interactive DVD category. The print materials for the DVD (including cover art, informational enclosures, label design and poster) received a certificate of recognition.
- 2005 Telly Awards, Bronze Finalist. For *Garden Mosaics*, interactive media category.
- 2004, New York State Agricultural Society “Cap” Creal Journalism Award.

PROFESSIONAL SERVICE

Reviewer/Referee

- 7/2010 – pres. [Editorial Board](#), *Journal of Ecology and Society*
- 05/2016 Paper review- peer review journal; *International Journal of Urban Sustainable Development*
- 12/2015 Paper review – peer reviewed journal; *Environmental Science & Policy*
- 03/2015 Paper review – peer reviewed journal; *Ecological Applications*
- 02/2015 Paper review – peer reviewed journal; *Environmental Science & Policy*
- 12/2014 Paper review – peer reviewed journal; *Disasters Journal*
- 12/2014 Paper review – peer reviewed journal; *Biological Conservation*
- 09/2014 Paper review – peer reviewed journal; *Community Development Journal*
- 03/2014 Paper review – peer reviewed journal; *Action Research Journal*
- 12/2013 Paper review – peer reviewed journal; *Sustainability Science*
- 11/2013 Paper review – peer reviewed journal; *WORK: A Journal of Prevention, Assessment, and Rehabilitation*
- 10/2013 Paper review – peer reviewed journal; *Society and Natural Resources*
- 10/2013 Paper review - peer reviewed journal; *Cities and the Environment*
- 07/2013 Paper review – peer reviewed journal; *Urban Forestry & Urban Greening*
- 03/2013 Paper review – peer reviewed journal; *Ecological Restoration*
- 01/2012 Paper review – peer reviewed journal; *Journal of Planning Literature*
- 09/2011 Paper review- peer reviewed journal; *Society and Natural Resources*
- 03/2011 Proposal review; 2011 Cornell Sigma Xi Grant Awards
- 11/2010 Paper review - peer reviewed journal; *Cities and the Environment*
- 08/2010 Paper review - peer reviewed journal; *Cities and the Environment*
- 07/2010 Paper review - peer reviewed journal; *Environmental Politics*.
- 2010 Proposal review; [Austrian Science Fund](#), Austrian Foundation for Scientific Research
- 2009 Paper review - peer reviewed journal; *Environmental Education Research*.
- 2009 Proposal review; [Marsden Fund](#), Royal Society of New Zealand

Boards, Committees, etc.

- Feb 2012 – present AAAS/ Excellence in Science Program
- Aug 2003 – Oct 2011 Board of Directors, Vice Chair, Cayuga Lake Watershed Network
- Jan 2008 – Jan 2010 Committee, Seneca County Green Print
- Jan 2006 – Jan 2009 Board of Directors, American Community Garden Association

LOCAL COMMUNITY/PUBLIC SERVICE

Mar 2015 – Present	Chairman, Town of Fayette Planning Board
Apr 2003 – Mar 2015	Vice-Chairman, Town of Fayette Planning Board
Sep 2003—Jan 2006	Chairman, Town of Fayette Comprehensive Plan Commission
Apr 2006—present	Chairman, Town of Fayette Comprehensive Plan Implementation Task Force
Dec 2006 –Sept 2008	Chairman, Town of Fayette Zoning Commission
Oct 2004 – Oct 2008	Board of Directors, Seneca County Farm Bureau
Jan 2005—Jan 2006	New York State Farm Bureau Membership Committee member
Feb 2005—Jan 2011	Vice-Chair, Seneca County Agricultural Enhancement Board
Sept 2010 – Nov 2013	Seneca County Planning Board

MILITARY SERVICE*Postings*

Jan 1990	Enlisted as an E1 Private, Michigan National Guard, Co A 1st Battalion, 225th Infantry Regiment
May 1990 -- Aug 1990	Basic/Advanced Infantry Training, US Army Fort Benning, GA Co A 2/54th USAITC TRADOC
June 1991-- May 1992	Grenadier & Automatic Rifleman, Co C 1/149th Infantry
June 1992 – June 1993	Officer Candidate School (OCS) 35-93 Kentucky Military Academy (KMA), Fort Knox KY
June 1993 --Jan 1994	Officer Candidate - Grenadier & Automatic Rifleman, Co C 1/149th Infantry
Jan 1994 – June 1994	O1 2 nd Lieutenant Platoon Leader Co B 1/149th Infantry
June 1994 – Mar 2002	O1 2 nd Lieutenant US Army Reserve ARPERCEN
May 2013 – Mar 2014	O2 1 st Lieutenant Battalion S1 NY Guard 21/221 Engineers
Mar 2014— June 2015	O2 1 st Lieutenant Battalion S1 NY Guard 21 st Emergency Response Battalion 10 th Brigade
July 2015 - Present	O2 1 st Lieutenant Brigade Plans and Operations officer (S3) 10 th Brigade NY Guard

Awards

- The National Guard Association of the United States Erickson Trophy¹, for overall excellence presented to distinguished graduate attaining highest overall standing in leadership, academics and Commandants evaluation, Kentucky Military Academy, 1993.
- National Guard Assoc. of Kentucky Award for Academic Excellence, Kentucky Military Academy, 1993.
- Army Achievement Medal, 1993.
- National Defense Service Medal, 1991.
- Army Service Ribbon, 1989
- Cold War Certificate of Recognition, 1991
- Kentucky Merit Ribbon, Second Award, 1993.
- Kentucky Merit Ribbon, 1993.
- New York Guard Service Ribbon, 2014
- State Guard Association of the United States membership medal, 2014
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LANGUAGE PROFICIENCIES/FOREIGN COUNTRY WORK EXPERIENCE

Languages: English, Spanish

¹ Named in honor of Major General Edgar C. Erickson, former CNGB. The Erickson Trophy is awarded to the distinguished graduate from each of the States Officer Candidate Schools (OCS). The award is retained at Headquarters, NGAUS. An honorary folio, inscribed with the names of the annual winners, is also on display. A suitably engraved replica of the Erickson Trophy is presented to each officer candidate winner during appropriate ceremonies.

Countries: Barbados, Brazil, Canada, China, Costa Rica, Great Britain, Haiti, Honduras, India, Ireland, Israel, Italy, Japan, Mexico, Nicaragua, South Africa, Spain, Sweden, Swaziland, Zambia, Zimbabwe

PROFESSIONAL SOCIETY AFFILIATIONS

- * Member, American Anthropological Association (Anthropology & Environment Section)
- * Member, Association for Environmental Studies and Sciences
- * Member, Ecological Society of America
- * Member, Association of Natural Resources Extension Professionals
- * Member, International Association for Society and Natural Resources

COORDINATION & SYNERGISTIC ACTIVITIES

- Restructured and reinvigorated the New York State Extension Disaster Education Network (EDEN). On January 1, 2011 accepted leadership of NY CCE EDEN program and immediately restructured program delivery to focus more on electronic communications and social media, to facilitate rapid information exchange during an emergency. Reconvened campus staff and faculty advisory committee. Participated in NYS nuclear readiness drill “Fitzpatrick Ingestion Pathway Exercise” on site at State Emergency Management Operations Center where performance was recognized and commended by NYS Dept. of Agriculture and Markets Commissioner Aubertine. In Fall of 2001, participated heavily in upstate New York response to catastrophic flooding and damage caused by Hurricanes Irene and Lee serving in key roles of information clearing house and social network hub for CCE associations, campus staff, and stakeholders served by CCE. During the ensuing emergency NY EDEN actively sought out and disseminated relevant resources for use by CCE stakeholders through the disaster listserv and newly developed IRENE/LEE pages on the NY EDEN website, as well as fielding informational and support requests from CCE associations and the general public. Based on the lessons learned in the Fitzpatrick exercise (above), NY EDEN actively served in a liaison role with NY state agencies during the disaster. As the transition into long term recovery commenced, NY EDEN continued to serve in this role, and disseminate appropriate information and respond to informational requests as needed. As a result of lessons learned from response to Hurricanes Iren and Lee, a Standard Operating Procedures (SOP) manual was developed and the CCE Disaster All-Hazards Response Team (DART) formed in order to maximize NY EDEN’s ability to respond to all hazards, system-wide. DART and its guiding SOP were put to the test in 2012 first by a drought and then by Hurricane Sandy. Outreach to statewide extension associations and staff included phone calls and emails to association executive directors and a message to all system staff providing basic instructions on safety and preparedness. Situation reports were filed by most county associations within two days. Direct linkages to the National Weather Service, the NYS Emergency Operations Center and other state government agencies allowed for close monitoring of the hurricane’s path and intensity. Anticipated communications and disaster education resource needs were identified and compiled for rapid dissemination via Facebook, Twitter, email list serves, the CCE and NY EDEN websites, and the Cornell University Press Office. The emerging picture that upstate New York’s agricultural sector had been largely spared was made possible early on by CCE’s extensive connections in every corner of the state. The focus then quickly shifted to Long Island, the Lower Hudson, and New York City, and resources were tailored for more urban environments. A special Hurricane Sandy resource page was rapidly developed and posted on the NY EDEN website. With the help of Cornell faculty, needed new resources were gathered and packaged and others were verified. Social media figured prominently in the response. A new NY EDEN Facebook page was created and achieved 319 page views on Oct 29th, which were “liked,” shared, or otherwise viewed by 1,921 individuals (Facebook metric “viral”). NY EDEN also utilized Twitter and sent out 288 “Tweets,” with 64 followers receiving “tweets” and “re-tweeting.” The Cornell CCE NY EDEN listserv was used to send out more than 50 emails containing important updates, talking points, and fact sheets, as well as instructions for associations on how to rapidly add to their websites Hurricane Sandy content and links back to NY EDEN for their stakeholders. News media outputs both before and after the hurricane included NBC News (blog), USA Today, Huffington Post, Morning Ag Clips, NY Farm Bureau, Food & Farm Show/Foodstuffs web radio, multiple local radio and newspapers outlets, The Cornell Chronicle and others.

- Led a team of 4 researchers from Cornell to Rio +20, funded by the Atkinson Center for a Sustainable Future, all of whom participated in a number of activities in Brazil related to the Rio +20 United Nations Conference on Sustainable Development. Team members included Kathy Bunting-Howarth, Josh Cerra, Marianne Krasny, and Tidball. They all contributed in: Urban Nature 2-day conference in Belo Horizonte, the subsequent ICLEI World Congress, and the United Nations Conference on Sustainable Development (Rio+20) In Rio De Janeiro. Served as part of the core team from ICLEI, Cornell, Stockholm Resilience Centre, and City of Jerusalem that prepared the Urban Biosphere (URBIS) designation system, which was signed on to by about 50 cities at the ICLEI side events and endorsed by the Secretariat of the Convention on Biological Diversity.
- Positioned Cornell CALS, CCSF, DNR and CEL to experience large degree of visibility as experts and key planners for global efforts to promote urban sustainability and resilience through partnerships with the Stockholm Resilience Center, UNESCO NYC, and ICLEI to lead high-level discussions at the World Expo in Shanghai in 2010 and the United Nations Conference of the Parties to the Convention on Biological Diversity's Tenth meeting in Nagoya, Aichi, Japan, 18-29 October 2010. This activity culminated with the unveiling before an international audience at Rio+20 of the **URBIS Partnership Initiative**, an information sharing network and designation process to recognize urban areas' efforts to engage in participatory and comprehensive social and ecological approaches in urban planning for sustainability. More than 50 cities around the world have become signatories to the founding charter of URBIS.
- Developed New York City and New Orleans content for the **Urban Atlas Portal** project with Stockholm Resilience Center partners and New York City NGOs hosting Cornell DNR graduate students. The Urban Atlas Portal Project is collaboration between twelve cities around the world: Bangalore, Canberra, Cape Town, Chicago, Helsinki, Istanbul, New Delhi, New Orleans, New York City, Phoenix, Shanghai and Stockholm. The aim is to develop new tools for understanding the social-ecological capacities to provide access to and sustain ecosystem services. We address a common set of research questions, such as What are the effects of urban development and land use change on biodiversity and ecosystem service delivery?; and How are different socio-economic groups affected by environmental changes in urban regions? The "Urban Atlas Portal" maps the spatial extent of selected ecosystem services and biodiversity and to what extent different socio-economic groups have access to these services. The Atlas visualizes data on land use /land cover, elevation, NDVI, green areas, biodiversity, ecological values, ecosystem services, and satellite images/aerial photos at different scales. The Atlas also includes temporal changes and provides guidelines for where in the urban landscape specific management interventions, protection, restoration or creation would be most needed from a public interest point of view.
- Held active leadership role in forming and providing collaborative leadership for a subcommittee of the **New York City "Million Trees" initiative** (a part of PlaNYC) Research and Evaluation Committee to develop a research agenda for the Million Trees project. Through collaboration with many NYC natural resources and greening partners, and with funding secured from the Cornell Center for Sustainable Futures, an intensive workshop was conducted in May of 2009 which was attended by nearly one hundred researchers and practitioners. At the conclusion of this meeting, a draft **research agenda** had been written to guide future research on Million Trees NYC, as well as provide guidance for other city tree planting efforts. One year later, a national **Research Symposium** was held to share research and results about large scale urban reforestation projects, which included over 50 high quality presentations and over a hundred attendees.
- Responsible for program leadership of activities under the **Memorandum of Understanding for Scientific, Technological, and Economic Cooperation in Agriculture between USDA and Spain's National Agriculture Research Institute**. Coordinated USDA/FAS/ICD co-sponsorship of a **Conference on the Mediterranean Diet in Barcelona**, Spain, March 5-7, 2002. In collaboration with The Mediterranean Diet Foundation, the Spanish Science and Technology Ministry (INIA) and The Johns Hopkins University, the provided leadership for FAS Research and Scientific Exchanges Division participation in the IV International Congress on the Mediterranean Diet in conjunction with Alimentaria, Southern Europe's largest food trade show. Facilitated U.S. contribution

financially and to the design of the overall program and organized and staffed one of the six Roundtable Sessions: #3, “Mediterranean Diet: Implications for Trade and Market Development.” This session explored how the “Mediterranean Diet” (that includes more fruits and vegetables, grain based products, olive oil, nuts, fish and other seafood products and moderate red wine) compares with other similar recommended diets (such as the US Food Guide Pyramid). It considered both consumption patterns for the Mediterranean Diet and selected health measures of consumers along with domestic and international marketing opportunities to sectors that can capitalize on consumer health, food, and nutrition preferences. Finally, the session included a discussion of effects on production and trade opportunities should similar diets be even more broadly adopted. March 2002.

- Developed, initiated and coordinated **USDA/FAS TEACH US Program** (Teaching Educator’s Agriculture and Conservation Holistically for Urban Society), an agriculture literacy and outreach program targeting traditionally under-represented groups to enhance and expand knowledge of agricultural science and research activities and opportunities in the U.S. and globally. The program aimed to increase enthusiasm among minority teachers working in urban settings for agricultural disciplines through international study tours and exchanges. Activities included Washington DC and New York City public schools systems participation in global programs including: teachers working with Chinese scientists and teachers to study Eastern Himalayan bio-diversity and the agriculture of China, teachers and administrators collaborating with South African scientists to survey floral plant diversity at several parks and conservation areas, teachers learning about rural landscape preservation and conservation in Ireland, and teachers working with agro-biodiversity experts in Costa Rica to address food security and biodiversity conservation challenges simultaneously. 2000-2002.
- Managed the **US-Ireland Cooperation Program in Agriculture Science and Technology** from March 2000 through April 2002. Developed mechanisms to support biotech capacity building including a US-Ireland Research Fellows Program. Facilitated international exchange and development of scientific information pertaining to sustainable agriculture and natural resource management, especially projects pertaining to water quality issues. Conducted with team members an international conference on Food Safety, June 2000, in Cork, Ireland., featuring detailed consideration of key food safety issues and exchange of ideas and experiences by an assembly of experts from Ireland and the US. Facilitated international exchanges on collaborative research projects such as “Epidemiology and Control in Cattle Production and Beef Processing,” “Examination of the Role of the Effective U.S. Practitioner in Community Development and Rural Development In Ireland,” and “Development of Reduced-Fat Cheddar Cheese with Improved Texture and Flavor.”
- Provided leadership for the creation of a **Plant Virus Research and Training Center in Turkey** devoted to plant virology to reduce losses caused by virus diseases in Turkey. A primary objective of the Center was to develop methods of virus identification and strategies for disease control beginning with those crops that had the highest economic value and were most affected by those diseases that reduce productivity and product value. The Center served not only Turkey, but also other Eastern Mediterranean and Near East countries. The Center had a national mandate to work cooperatively with all other institutions in the country. Scientific cooperation and guidance was provided by scientists from other countries including the US, France and Israel. 2002.
- Administered and provided oversight of the **Azores Collaborative Research and Education Group**, providing scientific, technical, and cultural collaboration between the US, Portugal, and the Azores, as envisioned in the 1995 Lages Accord relating to the US airbase on Terceira. 2001-2002.