

TATYANA B. RUSEVA

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AREAS OF RESEARCH AND TEACHING

Environmental policy and governance, public policy, research methods

ACADEMIC APPOINTMENTS

Professor Appalachian State University, Boone, North Carolina	2022-Present
Associate Professor Political Science MA Program Director Government and Justice Studies Department Appalachian State University, Boone, North Carolina	2017-Present 2018-Present
Assistant Professor Government and Justice Studies Department Appalachian State University, Boone, North Carolina	2011-2016
Affiliated Faculty Ostrom Workshop, Indiana University, Bloomington, Indiana	2017-Present
Affiliated Faculty Research Institute for Environment, Energy, and Economics (RIEEE) Appalachian State University, Boone, North Carolina	2012-Present
Research Assistant Center for the Study of Institutions, Population, and Environmental Change Indiana University, Bloomington, Indiana	2009-2010
Adjunct Faculty O'Neill School of Public and Environmental Affairs Indiana University, Bloomington, Indiana	2005-2010

EDUCATION

Ph.D. , Public Affairs, Indiana University, Bloomington, Indiana	Dec. 2010
M.A. , International Relations, Sofia University, Bulgaria	May 2003
B.A. , International Relations, Sofia University, Bulgaria	May 2002

PUBLICATIONS

Refereed Publications [* Denotes student co-author at time of publication]

24. **Ruseva**, T. 2023. The governance of forest carbon in a subnational climate mitigation system: insights from a network of action situations approach. *Sustainability Science* 18(1): <https://doi.org/10.1007/s11625-022-01262-4>
23. Moldogaziev, T., Krause, R., Arnold, G., Nguyen Long, L.A., **Ruseva**, T., Silvia, C. Witko, C. 2022. Support for the environment post-transition? Material concerns and policy tradeoffs. *Review of Policy Research*, <https://doi.org/10.1111/ropr.12498>
22. Skrzypczyńska, J., **Ruseva**, T. 2022. Introduction: Current Trends and Challenges for Political Science in Central and Eastern Europe. *PS: Political Science & Politics*, 55(3), 577-578. <https://doi:10.1017/S104909652200018X>
21. **Ruseva**, T., Hedrick*, J., Marland, G., Tovar*, H., Sabou*, C. and Bescombes* E. 2020. Rethinking standards of permanence for terrestrial and coastal carbon: Implications for governance and sustainability. *Current Opinion in Environmental Sustainability* 45:69–77. <https://doi.org/10.1016/j.cosust.2020.09.009>
20. **Ruseva**, T., Petrova, M. 2020. [Implementing the European Union renewable energy policy targets in Bulgaria](#). In Yang, Peter (Ed.), *Cases on Green Energy and Sustainable Development* (pp: 30-59). Hershey, PA: IGI Global. <http://doi:10.4018/978-1-5225-8559-6>.
19. Wise*, L, Marland, E., Marland, G., Hoyle, J., Kowalczyk, T., **Ruseva**, T., J. Colby, T. Kinlaw. 2019. Optimizing sequestered carbon in forest offset programs: Balancing accounting stringency and participation. *Carbon Balance and Management* 14:16 Open Access: 14:16 <https://doi.org/10.1186/s13021-019-0131-y>
18. **Ruseva**, T., M. Foster*, G. Arnold, S. Siddiki, A. York, R. Pudney*, and Z. Chen,* 2019. Applying policy process theories to environmental governance research: Themes and new directions. *Policy Studies Journal*, 47(1), S66-S95. <https://doi.org/10.1111/psj.12317>
17. Shows, G.D., Albinsson, P., **Ruseva**, T., Waryold, D. 2018. Technology over-consumption: Helping students find balance in a world of alluring distractions. *Atlantic Marketing Journal*, Vol.7, No.1. <https://digitalcommons.kennesaw.edu/amj/vol7/iss1/1>
16. **Ruseva**, T., Marland, E., Szymanski*, C., Hoyle, J., Marland, G., and Kowalczyk, T. 2017. Additionality and permanence standards in California's Forest Offset Protocol: A review of project and program level implications. *Journal of Environmental Management* 198, 277-288. <https://doi.org/10.1016/j.jenvman.2017.04.082>
15. Bates*, L., Jones*, B., Marland, E., Marland, G., **Ruseva**, T., Kowalczyk, T., Hoyle, J. 2017. Accounting for harvested wood products in a forest offset program: Lessons from California. *Journal of Forest Economics*, Volume 27, 50–59. <http://dx.doi.org/10.1016/j.jfe.2017.02.004>

14. Marland, E., Domke, G., Hoyle, J., Marland, G., Bates*, L., Helms*, A., Jones*, B., Kowalczyk, T., **Ruseva, T.**, and Szymanski*, C. 2017. *Understanding and Analysis: The California Air Resources Board Forest Offset Protocol*. Springer Briefs in Environmental Science, Springer International Publishing. <https://link.springer.com/book/10.1007/978-3-319-52434-4>
13. **Ruseva, T.**, Farmer, J.R., Chancellor, C. 2016. Networking for conservation: Social capital and perceptions of organizational success among land trust boards. *Ecology and Society* 21(2):50. [online] <http://www.ecologyandsociety.org/vol21/iss2/art50/>
12. **Ruseva, T.** 2016. Social capital and land protection in rural Appalachia. In S. Gonzáles, S. Jose Luis, and C. Blanchard Bush (Eds). *Social Capital in Mexico and the United States: Reflections and Research* (pp: 209-224). Puebla, Mexico: Benemérita Universidad Autónoma de Puebla (BUAP) Press.
11. Sweeney, S., **Ruseva, T.**, Evans, T., and Estes, L. 2015. Mapping cropland in smallholder-dominated savannas: integrating remote sensing techniques and probabilistic modeling. *Remote Sensing*, 7, 15295-15317; <https://doi.org/10.3390/rs71115295>
10. **Ruseva, T.**, Evans, T., Fischer, B. 2015. Can incentives make a difference? Assessing the effects of policy tools for encouraging tree-planting on private lands. *Journal of Environmental Management* 155, 162-170. <https://doi.org/10.1016/j.jenvman.2015.03.026>
9. **Ruseva, T.**, Evans, T., Fischer, B. 2014. Variations in the social networks of forest owners: The effect of management activity, resource professionals, and ownership size. *Small-scale Forestry* 13(3), 377-395. <https://link.springer.com/article/10.1007%2F978-94-007-9260-z>
8. Singer*, A., Branham*, M., Hutchins*, M., Welker*, J., Woodard*, D., Badurek, C., **Ruseva, T.**, Marland E., Marland, G. 2014. The role of CO₂ emissions from large point sources in emissions totals, responsibility, and policy. *Environmental Science & Policy* 44, 190-200 <https://doi.org/10.1016/j.envsci.2014.08.001>
7. Farinaci, J., **Ruseva, T.**, Tucker, C., Evans, T., Batistella, M. 2014. Humans as agents of change in forest landscapes. In J. Azevedo, A. Perera, and A. Pinto (Eds.), *Forest Landscapes and Global Change: Challenges for Research and Management* (pp: 75-105). Newark, NJ: Springer
6. **Ruseva, T.**, Fischer, B.C. 2013. Public-private interactions in the conservation of private forests in the United States. In E.S. Brondizio and E. F. Moran (Eds.), *Human-Environment Interactions: Current and Future Directions* (pp: 141-164). Newark, NJ: Springer
5. Cox, M., Fischer B., Mincey, S., **Ruseva, T.**, Villamayor, S.T. 2013. Evaluating the USFS State & Private Forestry Redesign: A first look at policy implications. *Ecological Economics* 85, 35-42. <https://doi.org/10.1016/j.ecolecon.2012.09.018>
4. **Ruseva, T.**, Fischer, B.C. 2012. The shared stewardship and leadership of our private forests: Insights from forest landowners' personal networks. In D.R. Gallagher (Ed.), *Environmental Leadership: A Reference Handbook* (pp: 673-681). Thousand Oaks, CA: Sage

3. Fischer, B.C., **Ruseva, T.**, 2010. What is happening in and outside America's private woodlands? *Journal of Forestry* 108 (6), 304-06 (Response to Coufal et al. *J For* 108(6):301–304. <https://doi.org/10.1093/jof/108.6.304>

2. **Ruseva, T.** 2010. Learning and teaching statistics through service. In Bryant, J.A., Schönemann, N., Karpa, D. (Eds.), *Integrating Service Learning into the University Classroom* (pp: 107-123). Boston, MA: Jones & Bartlett

1. **Ruseva, T.**, Chang, J. 2009. Environmental decision-making under scientific uncertainty: Review and implications of the precautionary principle in U.S. case law. *The Current*, 12(2), 23-43

Non-Refereed Publications and Reports

Clay, K, Cooper, L, Diedrich, G, Gadoth-Goodman, D, **Ruseva, T.**, and Sutton A. Non-market Options for Forest Carbon. Paper for the Forest Owner Carbon and Climate Education Program (in review).

Parajuli, R., Megalos, M., **Ruseva, T.**, Chizmar, S., and Fisher*, M. An Introduction to Forest Carbon Offset Markets. *National Woodlands Magazine*, Autumn 2019, p. 38-41.

Parajuli, R., Megalos, M., **Ruseva, T.**, Chizmar*, S., and Fisher*, M. [An Introduction to Forest Carbon Offset Markets](#) – Eastern Forestry Notes. North Carolina State Extension Publications. Published on July 10, 2019.

Marland, E. Hoyle, J. Kowalczyk, T., Marland, G., **Ruseva, T.**, Domke, G., Bates*, L., Helms*, A., Jones*, B., and Szymanski*, C. 2015. Understanding and analyzing the ARB Forest Offset Protocol. Final report to the *USFS Northern Research Station*. November 2015.

Ruseva, T. 2012. Carmin, JoAnne, and Julian Agyeman, eds., Environmental inequalities beyond borders: local perspectives on global injustices. Cambridge, MA: MIT Press, 2011. Book review in: *Global Environmental Politics*, February 2012, Vol. 12, No. 1: 126–128

Fischer B., Cox, M., Mincey, S., **Ruseva, T.**, Villamayor, S. T. 2011. Evaluating the USFS State & Private Forestry Redesign. Final report to *USFS State and Private Forestry*, Washington D.C. Office.

MANUSCRIPTS IN PROGRESS

Chizmar, S., Cushing, T., **Ruseva T.**, and Baral, S. Forest management incentives: A synthesis to inform policies and programs for carbon. In preparation for submission to *Trees, Forests, and People*.

Ruseva T. and Bulla, B. Explaining the role of philanthropic contributions in land and forest conservation using the policy sciences frameworks. In preparation for submission to *Conservation Science and Practice*.

Ruseva, T., Young*, K. Co-producing environmental public goods: Evidence from a survey experiment. In preparation for submission to *Public Administration Review*.

Ruseva, T., Parajuli, R., Madritch, M., and Kowalczyk, T. A comparison of carbon measurement and accounting methodologies on small-scale family forest lands. In preparation.

Petrova, M., **Ruseva, T.**, and Chong*, M. Exploring the socio-economic and political aspects of renewable energy transition in the European Union. In preparation.

Ruseva, T., Farmer, J. Drescher, M. Extending the design principles for common-pool resource governance to conservation easements on private lands. In preparation.

AWARDS AND GRANTS

External

- 2024 Department of Energy (DOE), “Ecosystem Services in The Southern Appalachian Region: Resiliency and Sustainability in A Changing Climate” – with S. Seagle (PI), T. Kowalczyk, and B. Thapa (Appalachian State University). \$997,722 (pending).
- 2023 **Co-PI**, R&D Bipartisan Infrastructure Law (BIL) “Assessing the Participation, Effectiveness, and Equity of Revegetation Assistance Programs for Private and Tribal Landowners in the U.S. using Evidence-based Policy and Participatory Action Research Approaches” – with PI, Brett Butler (USFS-NRS) and multiple state, federal and academic collaborators; \$998,289, FY 2023-2025.
- 2023 **Co-PI**, US Forest Service (USFS) Southern Research Station Joint Venture Agreement: “Carbon Additionality and Leakage in Forest Management: A How-To for U.S. Landowners” – with S. Chizmar (USFS), S. Bruck (USFS), and T. Kowalczyk (AppState) and G. Marland (USFS) (\$150,000 awarded; FY 2023-2027).
- 2023 **PI**, US Forest Service (USFS) Southern Research Station Joint Venture Agreement: “Do Forest Carbon Programs Align with the Needs and Values of Tribal Communities?” – with S. Chizmar (USFS), G. Frey (USFS), M. Baumflek (USFS), R. Parajuli (NCSU), and T. Kowalczyk (AppState). (\$75,000 awarded; FY 2023-2027).
- 2022 **Co-PI**, US Endowment for Forestry and Communities: Social and economic impact of forest carbon markets in the Eastern US – with M. Kreye (PI, Penn State), T. Kowalczyk (AppState), R. Parajuli (NCSU), P. Khanal (Clemson University) (\$40,057 AppState subcontract out of \$150,000 total awarded to project FY 2022-2024)
- 2021 **PI**, American Forest Foundation and The Nature Conservancy: Development of Forestry Practices for Family Forest Carbon Program – Southern Expansion – with T. Kowalczyk, R. Parajuli (NCSU) (\$85,000, not funded)
- 2020 **Co-PI**, The North Carolina Office of the Attorney General Environmental Enhancement Grant Program: Scaling Ecological Impacts and Economic Viability of Forest Conservation Practices for Family Forest Owners in Western North Carolina - with T. Kowalczyk (PI), N. Biemiller (The Forest Guild), and J. Fain (The Pinchot Institute) (\$461,240; not funded).
- 2020 **Co-PI**, TNC Natural Climate Solutions Accelerator Program: Developing a Practice-based Forest Carbon Program in the Southern Appalachians - with T. Kowalczyk (PI), N. Biemiller (The Forest Guild), and J. Fain (The Pinchot Institute) (\$194,732 requested; not funded).
- 2018 **PI**, UNC System Inter-institutional Program Grant (IPG), “Exploring the viability of small-scale forest carbon offsets”, with Co-PIs from Appalachian State, NC State University, and UNC-Asheville’s NEMAC (\$73,000)

- 2018 **Co-PI**, USDA NIFA-AFRI, “Assessing the Long-Term Impacts of Family Forest Landowner Decision-Making to Increase Economic Viability and Sustainability” with D. Miller (PI, University of Illinois), B. Butler, T. Evans, and P. Rana (\$500,000; not funded).
- 2018 **PI**, ORAU Event Sponsorship Program, “The Offset Workshop: Developing a Forest Offset Protocol for Small-scale Landowners”, September 2018 (\$4,000).
- 2017 **PI**, North Carolina Sustainable Forestry Initiative (SFI) State Implementation Committee (SIC) Grant, SFI Certification and Carbon Markets: Opportunities for NC Forests (\$5,000).
- 2017 **Co-PI**, NSF SRT, The Appalachian Model: Activating Local Capacity for Access to Food and Water, with Tamara Kowalczyk, Elizabeth Shay, Maureen MacNamara, Barry Hege, Margaret Sugg, Kara Dempsey (\$1,800,312 requested; not funded).
- 2017 **Co-PI**, NSF Research Traineeship (NRT) Program, The Appalachian WELF (Water-Energy-Land-Food) Model, with Nicole Bennett, Jeff Ramsdell, Howard Neufield, Sarah Carmichael, Jeffrey Colby, Elizabeth Shay, Brett Taubman, and Ok-Youn Yu (\$2,952,760 requested over 5 years; not funded).
- 2017 **PI**, The Clabough Foundation, The OFFSET Workshop: Offsets for Forest Stewardship and Education Together (\$6,610)
- 2015 **Co-PI**, US Forest Service (USFS) Northern Research Station, Examining metrics in compliance carbon offset protocols in U.S. forest projects, with E. Marland (PI, ASU Mathematics), T. Kowalczyk (ASU, Accounting), J. Hoyle (ASU Energy Center), G. Marland (ASU, RIEEE) (\$60,000)
- 2013 **Co-Recipient**, *Discover the Forest* Community Grant sponsored by the Ad Council and the USFS for “2013 Unplug & Get Outside” Event, with ASU team: J. James (PI, Recreation Management), B. Battista (Health, Leisure, and Exercise Science), P. Albinsson (Business School), D. Waryold (School of Education), and A. Ward (Theater Dept.) (\$1,500).
- 2013 **PI**, Oak Ridge Associated Universities (ORAU) Ralph E. Powe Junior Faculty Enhancement Awards, Understanding the use of conservation easements in South-Central Appalachia, with C. Chancellor (Clemson University, Parks, Recreation and Tourism Management) and J. Farmer (Indiana University, Recreation, Park and Tourism Studies) (\$10,000; not funded)
- 2013 **Co-PI**, NASA ROSES-2013 Carbon Cycle Science Grant, “Uncertainty and risk in carbon accounting”, with ASU team E. Marland (PI, Mathematics), J. Whitehead (Economics), G. Marland (Geology), K. Shirley (Accounting), T. Kowalczyk (Economics) (not funded)
- 2011 **Co-PI**, NSF Decision Risk and Management Sciences Program, New River flood hazard mitigation in rural Appalachian communities, with G. Santucci (PI, National Committee for the New River), J. Pine (ASU RIEEE), C. Badurek (ASU Geography), and T. Hartman (ASU Political Science) (\$392,137 requested; not funded)
- 2009 **Co-PI**, U.S. Forest Service (USFS), Evaluation of the USFS State and Private Forestry Redesign Program, with B.C. Fischer (PI, Indiana University (IU)), M. Cox (IU), S. Mincey (IU), S. Villamayor (IU) (\$49,999)
- 2006 Grantee, Open Society Institute, Global Supplementary Doctoral Grant, 2006-07 (\$3,000)
- 2003 Grantee, Open Society Institute, Global Supplementary Doctoral Grant, 2003-04 (\$4,000)

Internal: Appalachian State University

- 2024 Harkrader Family Foundation Faculty Research Award: “Co-producing knowledge through collective engagement: Exploring the compatibility of carbon programs with the values and needs of Tribal communities,” with Mia Altieri and Sarah Widderich (\$2400 awarded).

- 2023 University Research Council (URC) Grant: “Scaling participation in carbon programs among tribal groups and underserved communities in Southern Appalachia through inclusive engagement”, with T. Kowalczyk. Submitted March 7, 2023 (\$4,201 requested; not funded).
- 2022 GRAM Award “Social and economic impact of forest carbon markets in the Eastern US”, with co-mentor Tammy Kowalczyk (Department of Accounting), 2022-2024 academic years.
- 2021 RIEEE-CONCERT Grant “Comparing policy options for increasing participation and investment in forest carbon in Southern Appalachia”, with T. Kowalczyk (\$4,889)
- 2021 IRAP Continual Program Assessment Grant, with William Hicks (\$1,000).
- 2021 University Research Council (URC) Grant, “Determining characteristics of family forest conservation programs that accelerate landowner participation and private investment” with T. Kowalczyk, D. Bruner (\$4,700 requested, not funded)
- 2019 RIEEE-CONCERT Grant, “Are forest carbon offsets scalable? Using remote sensing and survey techniques to test alternative methodologies and scenarios”, PI: Ruseva; Co-PIs: M. Madritch, G. Marland, and S. Sweeney (\$5,000)
- 2018 IRAP, University Academic Assessment Grant, Curriculum Mapping for the MA and MPA Programs (Summer 2018), with K. Webb-Farley, E. Key, M. Bradbury (\$2,800).
- 2018 University Research Council (URC) Grant 2018-19, “Collaborative watershed governance in the New River: Institutions, actors, and policy coherence”, with Brian Bulla (\$4,426).
- 2017 RIEEE-CONCERT Grant, “A ton is not a ton: CO2 and carbon credits”, with G. Marland, E. Marland, T. Kowalczyk, K. Shirley, and J. Hoyle (\$5,000)
- 2017 QEP Proposal, “A Learning Community for Global Sustainable Development in Rural Communities”, with T. Kowalczyk (Accounting), M. MacNamara (Social work), and E. Shay (Geography) (\$ 800).
- 2017 RIEEE-CONCERT Grant, “Exploring Stakeholder Needs, Motivation, and Interests in the Forest Carbon Market”, PI with B. Bulla, D. Paudel, E. Marland, and J. Hoyle (\$5,000)
- 2016 Office of Student Research (OSR), Undergraduate Research Assistantship (URA) award, “Participation in California’s Forest Offset Program”, funded Kayla Young during summer and fall 2016 (\$2,000).
- 2015 RIEEE-CONCERT Program “Forest Carbon Offsets” PI with T. Cherry, E. Marland, G. Marland, and T. Kowalczyk (\$5,000)
- 2015 College of Arts and Sciences Summer 2016 Research Grant (\$5,000; not funded)
- 2015 Graduate Research Assistant Mentoring (GRAM) Award 2015-17, Cratis D. Williams Graduate School, Appalachian State University (\$24,000 paid to a full-time graduate student)
- 2014 Board of Trustees International Research Grant, Project “Renewable energy development in Southeastern Europe: The case of Bulgaria” (\$2,500)
- 2014 Global Learning Grant, Office of the Quality Enhancement Program, Project “European Union Politics, Institutions, and Sustainability in Bulgaria” (\$1,100)
- 2013 Humanities Scholars Fellowship, College of Arts & Sciences, Project “Perceptions of climate change and renewable energy in Southeastern Europe”, with M. Petrova (UMass) (\$2,000)
- 2013 Research Institute for Environment, Energy, and Economics (RIEEE) Research cluster grant, “Carbon emissions inventories and energy policy research”, with E. Marland (PI, Mathematics), G. Marland (Geography), and C. Badurek (Geography)(\$5,600).
- 2013 Research Institute for Environment, Energy, and Economics (RIEEE) Research cluster grant, “Natural resource economies and development” – PI with J. Hamilton (Watauga County Extension Office), C. Blanchard-Bush (Public Administration), R. Crepeau (Geography), R. Tighe (Geography) (\$5,000).
- 2012 University Research Council (URC) Grant, “Land conservation and social capital in south-central Appalachia” – PI with C. Chancellor (Clemson University, Parks, Recreation and

- Tourism Management) and J. Farmer (Indiana University, Recreation, Park and Tourism Studies)(\$4,987).
- 2012 Grant Proposal Development Incentive Award, “Accountability and professional norms among environmental managers” – PI with F. Fleishman (Texas A&M) and G. Arnold (University of California, Santa Barbara) (\$1,000)
- 2012 ASU Humanities Research Cluster Award “Outdoor play and its relationship to health, wellness, and the environment” – Co-PI with B. Battista (Health, Leisure, and Exercise Science), J. James (Recreation Management), P. Albinsson (School of Business), D. Waryold (School of Education), and A. Ward (Dept. of Theater)(\$600).
- 2012 Office of Student Research (OSR), Undergraduate Research Assistantship Program, “Policy frameworks for land protection in South-Central Appalachia” – PI with undergraduate student Haylea Workman (\$2,000)
- 2011 Faculty Fellow, Appalachian & Community Together (ACT) (\$500)

PROFESSIONAL PRESENTATIONS

Conference Presentations [*denotes a student presenter]

Ruseva, T., Chizmar, S., Baumflek, M., Frey, G. Kowalczyk, T., and Parajuli, R. Co-producing knowledge through collective engagement: Exploring the compatibility of carbon programs with the values of Tribal communities in the U.S.. *Workshop on the Ostrom Workshop (WOW7) Conference: Commons, Polycentricity, & Democracy*. Indiana University, June 19-21, 2024.

Parajuli, R, Altieri, M*, Ruseva T, Chizmar, S., Baumflek, M.,and Frey, G. Do Forest Carbon Programs Align with the Needs and Values of Indigenous Communities in the United States? – Poster presentation at the *International Union of Forestry Research Organizations (IUFRO) World Congress*, Stockholm, June 21-29, 2024.

Altieri, M* and Ruseva, T. Inclusion of Indigenous and Local Voices in Nature-Based Solutions to Climate Change: Global and Local Perspectives. Presentation to the *North Carolina Political Science Association Public Administration Association Conference*, Asheville, NC, March 22-23, 2024.

Chizmar, S., Cushing, T., Ruseva T, and Baral, S. Forest management incentives and landowner behavior: A synthesis to inform discussions on policies and programs for carbon. Paper presented at the *Society of American Foresters Annual Meeting*, Sacramento, CA. Oct 25-28, 2023.

Ruseva, T. The governance of forest carbon in a subnational climate mitigation system: A network of action situations analysis. Presentation at the *Ostrom Workshop, Indiana University*, Sept 26, 2022.

Ruseva, T and Bulla, B. Explaining the role of philanthropic contributions in land and forest conservation using the policy sciences frameworks. Presentation at the virtual *International Association for the Study of the Commons (IASC)-Land and Forest Commons Conference*, September 13-17, 2021.

Ruseva, T. Explaining forest carbon offsets in polycentric climate governance: Insights from a network of adjacent action situations approach. Paper presented at the virtual *International Association for the Study of the Commons (IASC)-Polycentricity Conference*, May 17-19, 2021.

Ruseva, T. The role of program design on the coproduction of climate mitigation benefits. Paper presented at the first virtual *Association of Environmental Studies and Sciences*, July 15-17, 2020.

Moldogaziev, T., Krause, R., Arnold, G., Ruseva, T., and Silvia, C. Environmental Governance in Transition: Issue Salience and Support for the Environment. Paper presented at the 2019 *APPAM International Conference*, Barcelona, Spain, July 29-30, 2019.

Ruseva, T. and Tovar*, H. What role do carbon markets play in polycentric climate governance systems? Paper presented at the *Workshop on the Workshop (WOW 6)*, Indiana University, Bloomington, June 19-22, 2019.

Vaughn*, C., Ruseva, T., and Bulla, B. Collaborative watershed governance in the New River: Institutions, actors, and policy. Presentation at the *New River Symposium*, Boone, NC, April 11-12, 2019; and, Poster presentation at the *22nd Annual Celebration of Student Research and Creative Endeavors*, Appalachian State University, April 18, 2019.

Megalos, M., Parajuli, R., Fisher*, M., Chizmar*, S., and Ruseva, T. Forest carbon offsets: A viable opportunity for small-scale forest owners?. Poster presentation at the 2019 Meeting of the *International Society of Forest Resource Economics*, Columbus, Ohio, May 14-15, 2019.

Ruseva, T. The influence of program design and market incentives on the co-production of public goods. Paper presented at the *Association for Public Policy Analysis and Management (APPAM)*, Washington, DC., November 8-10, 2018.

Marland, E., Marland, G., Hoyle, J., Kowalczyk, T., Ruseva, T., and Wise, L. Accounting for negative CO2 emissions. Paper presented at the *International Conference on Negative CO2 Emissions*. Chalmers University of Technology, Gothenburg, Sweden. 22-24 May 2018.

Bishop*, E., Ruseva, T. An analysis of Southern Appalachian family forest owner values and derived benefits in relation to carbon offset mechanisms. Poster presentation at the *21st Annual Celebration of Student Research and Creative Endeavors*, Appalachian State University, April 19, 2018.

Young*, K., Ruseva, T. Co-producing climate mitigation: Evidence from a survey experiment. Paper presented at the *Midwest Political Science Association Conference (MPSA)*, April 5-8, 2018.

Ruseva, T. Using mixed methods to evaluate California's Forest Offset Protocol. Paper presented at the IASC Workshop, *Center for Behavior, Institutions and the Environment*, University of Arizona, March 8-9, 2018.

Ruseva, T., Farmer, J., and Drescher, M., Extending the design principles and bundle of property rights to land trust conservation holdings. Paper presented at the *International Association for the Study of the Commons (IASC)*, University of Utrecht, July 10-14, 2017.

Young*, K., Ruseva, T., Marland, E. Willingness to co-produce public environmental goods. Poster presented at the *Midwest Political Science Association Conference*, Chicago, April 6-9, 2017.

Ruseva, T., Carboni, J. Bonding, bridging, and linking social capital in the organizational performance of nonprofit land conservancies. Paper presented at the Fall Research Conference of the *Association for Public Policy Analysis and Management (APPAM)*, Washington D.C., November 2016.

Kowalczyk, T., Ruseva, T., McNamara, M., and Shay, E. Designing an interdisciplinary study away course in rural sustainable development. Presentation at the 2016 *Appalachian Global Symposium*.

Ruseva, T., Farmer, J., Drescher, M. Design principles for resource conservation on private lands: Learning from the common-pool resource literature. Paper presented at the *Association for Environmental Studies & Sciences (AESS) Annual Conference*, American University, Washington D.C., June 8-11, 2016

Ruseva, T. European Union renewable energy policy implementation in Bulgaria. Presentation to the *Appalachian Global Symposium*, Appalachian State University, Nov. 18, 2015.

Ruseva, T., Farmer, J., Chancellor, C. Networking for conservation: Understanding the contributions of social capital and organizational networks to private land protection. Paper presented at the 37th Annual Research Conference of the *Association for Policy Analysis and Management (APPAM)*, Miami, FL, Nov., 12-14, 2015.

Szymanski*, C., Marland, E., Ruseva, T., Hoyle, J., Marland, G., Participation in California's Forest Carbon Offset Program: Motivations and barriers. Paper presented at the *Association for Environmental Studies & Sciences (AESS)* Annual Conference, San Diego, CA, June 27, 2015

Ruseva, T., Policy paradoxes of renewable energy development in Bulgaria. Paper presented at the *International Association for the Study of the Commons (IASC)*, Edmonton, Canada, May 25-29, 2015.

Singh, A. and Ruseva, T. Rule embeddedness and institutions for private land conservation in the United States, Paper presented at the *International Association for the Study of the Commons (IASC)*, Edmonton, Canada, May 25-29, 2015.

Ruseva, T. Renewable energy policy in the European Union: Case evidence from Bulgaria. Paper presented at the 2015 *North Carolina Political Science Association* meeting, University of North Carolina-Charlotte, Feb. 27, 2015.

Petrova, M., Ruseva, T. The 'Rule of Law' implications to renewable energy in Bulgaria. Paper presented at the *International and European Energy Law and Policy Conference "Energy Transitions"*, University of Eastern Finland Law School, Joensuu, Finland, 26-27 February 2015.

Ruseva, T., Petrova, M. Implementing the European Union's energy policy targets: Case evidence from Bulgaria's renewable energy sector. Paper presented at the *36th Association for Policy Analysis and Management (APPAM)* Fall Research Conference, Albuquerque, NM, Nov. 6-8, 2014.

Ruseva, T., Farmer, J., Fischer, B. Extending Ostrom's design principles to the study of land trusts and land protection. Paper presented at the *Workshop on the Ostrom Workshop (WOW5)*, Bloomington, IN, June 18-21, 2014.

Szymanski*, C. Ruseva, T. Rural sustainability indicators: A review of the literature. Poster presented at the *17th Annual Celebration of Student Research and Creative Endeavors*, Appalachian State University, April 10, 2014.

Szymanski*, C. Ruseva, T. Resilience and sustainability in rural communities: A review of the literature. Poster presented at the *Midwest Political Science Association (MPSA)* 72nd Annual Meeting, Chicago, IL, April 3-6, 2014.

Chang, J, Ruseva, T. The performance of environmental voluntary agreements as a policy instrument choice: Lessons from a cross-sector analysis. Paper presented at the *Western Social Science Association (WSSA)* Annual Conference, Albuquerque, New Mexico, April 2-5, 2014.

Albinsson, Pia A., Shows, G. David, Waryold, Diana, Ruseva, Tatyana, The restorative effects of unplugged leisure time among college students. Paper presented at the *Appalachian Research in Business Symposium*, East Tennessee State University, Johnson City, TN, March 20-21, 2014.

Ruseva, T., Farinaci, J., Tucker, C. The comparative politics of reforestation: Socio-ecological drivers of forest recovery in the United States and Brazil. Paper presented at the *Dimensions of Political Ecology (DoPE) Conference* 2014, Lexington, KY, Feb. 27-March 1, 2014.

Waryold, D., Albinsson, P., Ruseva, T., Shows, D. Last student in the woods: The restorative impact of unplugging and getting outdoors. Poster presented at the *Southern Association for College Student Affairs (SACSA) Conference*, Norfolk, VA, Nov. 2-4, 2013.

Ruseva, T., Farmer, J., Chancellor, C. Exploring the relationship between social capital and land protection in rural areas. Paper presented at the *Association for Environmental Studies and Sciences (AESS) Annual Conference*, Pittsburg, PA, June 19-22, 2013.

Workman*, H. Ruseva, T. Local policies for land protection in Appalachian counties. Poster presented at the *16th Annual Celebration of Student Research & Creative Endeavors*, Appalachian State University, Boone, NC, April 18, 2013.

Ruseva, T., Workman*, H. Policy frameworks for land protection in South-Central Appalachia. Paper presented at the *36th Appalachian Studies Association Meeting*, Boone, NC, March 22-24, 2013.

Ruseva T., Fleischman, F. Understanding the influence of beliefs and rules in the decision-making of forest managers. Paper presented at the *American Society for Public Administration (ASPA) 74th Annual Conference*, New Orleans, LA, March 15-19, 2013.

Ruseva T., Fischer, B., Evans, T. Exploring variations in landowners' social networks: The effect of harvesting activity, resource professionals, and ownership size. Paper presented at the *International Union of Forestry Research Organization (IUFRO) Small-scale Forestry*, University of Massachusetts, Amherst, MA, September 23-27, 2012.

Ruseva, T., Chang, J. Environmental voluntary agreements as a policy instrument choice in the energy and agricultural sectors. Paper presented at the *Midwest Political Science Association (MPSA) 70th Annual Meeting*, Chicago, IL, April 11-15, 2012.

Ruseva, T., Fischer, B.C. A typology of public-private investment decisions in private forestry: Implications for forest ownership & sustainability. Paper presented at *Southern Appalachian Man and the Biosphere (SAMAB) 21st Annual Meeting*, Asheville, NC, November 15-17, 2011.

Ruseva, T., Farinaci, J., Tucker, C., Evans, T. What's motivating people to conserve forests? A comparative analysis of private landowners in the United States and Brazil. Paper presented at the *Association for Environmental Studies & Sciences (AESS) 2011 Annual Conference*, University of Vermont, Burlington, VT, June 23-26, 2011.

Ruseva, T., Sweeney, S.P., Fischer, B.C. Inside the personal network of private landowners: Exploring variations and implications for ecosystem service provision. Paper presented at the *International Association for the Study of the Commons (IASC) North American Regional Meeting*, Arizona State University, Phoenix, AZ, Sept 30-Oct 2, 2010.

Ruseva, T. Collaborative networks and private forest governance: Implications for ecosystem service provision. Paper presented at the *Consortium on Collaborative Governance (CCG) Doctoral Conference*, University of Southern California, Los Angeles, CA, April 8-10, 2010.

Ruseva, T., Evans, T., Sweeney, S.P., Fischer, B.C. The private delivery of public services: Understanding private forest arrangements for ecosystem service delivery. Poster presented at the *Association of Public Policy Analysis and Management (APPAM)*, 31st Annual Conference, Washington, D.C, November 4-7, 2009.

Ruseva, T., Chang, J. Environmental decision-making under scientific uncertainty. Paper presented at the *Midwest Political Science Association (MPSA)* 64th Annual Conference, Chicago, April 12-15, 2007.

Invited Talks & Presentations

Inaugural Environmental Policy Workshop for Undergraduate Researchers – Elon University, Feb 24, 2024 (chair and panel discussant).

“Coproducing climate benefits: The role of program design, policies and landowner participation”, presented at the Forest Carbon Management in Central Appalachia Conference, University of West Virginia, Morgantown, WV, Sept. 25-27, 2023.

“The governance of forest carbon in a subnational climate mitigation system: A network of action situations analysis”, virtual presentation at the [Polycentricity Webinar - NAS Miniseries](#), May 5, 2022

“Participation in Carbon Offset Programs”, presentation to the *North Carolina Forest Carbon Community of Interest (COI) Group*, June 11, 2021.

“Carbon Markets Update”, presentation to the [North Carolina Natural and Working Lands Stakeholder Committee](#), NC Department of Natural and Cultural Resources, June 3, 2021

“Sustainability Research in the College of Arts and Sciences” *College of Arts & Sciences Sustainability video*, Appalachian State University, March 2019.

“Climate change research collaborations at App” video with Vanessa Perry, *AppTV* for the Climate Change Summit, led by Dr. Mimi Perreault, December 2017.

“Factors affecting participation in the forest carbon market”, Sustaining Collaborative Opportunities for Research Education -SCORE Lunch Series: Sustainability & Land Use, *Appalachian State University*, October 3, 2017.

“[Environmental policy in the age of Trump](#)”, A conversation with Dr. Tatyana Ruseva and Dr. Brian Bulla about the Trump administration's environmental policy, *The Appalachian*, April 22, 2017

“Rethinking Europe in A Changing World: Perspectives from Eastern Europe”, Public forum, *Appalachian State University*, March 17, 2016.

“Exploring the personal networks of forest owners: How do network structure and composition vary across different landowner experiences and attributes?”, Department of Forestry and Environmental Resources Seminar, *North Carolina State University*, Raleigh, NC, Nov. 12, 2012.

“Connectedness to nature and environmental behaviors among college students”, 2011-12 Humanities Thematic Series, *Appalachian State University*, Boone, NC, Nov. 30, 2011.

“Understanding landowners’ intentions to afforest or reforest in South-Central Indiana”, Brown Bag Seminar on the Environment, *Appalachian State University*, April 1, 2011.

TEACHING

Graduate Courses

Advanced Environmental Politics

Scope and Methods in Political Science

Research Methods in Public Administration

Public Policy Analysis & Program Evaluation (Service-learning designated course)

Public Policy Seminar

International/Comparative Environmental Policy

Seminar in Media and Politics (co-taught with P. Ardoin)

Independent Studies: International Renewable Energy Policy (Fall 2021), Air Quality Policy (Summer 2020), Society and Forest Ecosystems (Spring 2018)

Undergraduate Courses

Environmental Politics

Research Methods and Laboratory for Research Methods

Introduction to Public Policy

Public Policy Analysis

Statistical Techniques (Indiana University)

International Environmental Policy (Indiana University)

International Trade, Labor, and the Environment (Indiana University)

Student Mentorship and Recognitions

- Selection as AppState's nominee for the 2021 Sunbelt Conference Faculty of the Year Award
- Nomination for the 2014 Richard Henson Outstanding Advisor Award
- Student and Faculty Excellence (SAFE) Award for E. Bishop, Fall 2017 (\$1,700)
- Student and Faculty Excellence (SAFE) Award for K. Young, Summer 2017 (\$1,700)
- Sustainability, Environmental Achievement and Leadership (SEAL) Research Award for Erin Bishop-Voss, 2018 (\$5,000)
- Erin Bishop, Graduate Research Assistant Mentee, GRAM 2016-17
- Adam Murr, Graduate Research Assistant Mentee, GRAM 2015-16
- Laura Brookshire, MPA Capstone Paper, Spring 2016
- Gretchen Vetter, MPA Capstone Paper, Spring 2016
- Nicole Delcogliano, MA Thesis Committee member, Appalachian Studies Program, Spring 2016
- Celina Szymanski, MA Thesis "Barriers to Participation in Carbon Offset Projects", Fall 2015
- Dalton Miller, MPA Capstone Paper, April 2015
- Christina Wiegand, MA Thesis "South Atlantic Fishery Stakeholder Perceptions of Catch Shares: A Thematic Analysis of Proposed Amendment Comments", December 2012
- Caitlin Stepp, Undergraduate Honors Thesis "NAFTA's Commission on Environmental Cooperation", May 2012

Professional Development

2024 Climate in the Disciplines: Course (Re)Design Institute, May 22-24 2024, AppState

2024 Teaching Social Action Institute, The Corella & Bertram F. Bonner Foundation & San Jose State University (led by Bobby Hackett and Scott Myers-Lipton), January 3-5, 2024

2023 Graduate Student Success and Wellness Conference, AppState, June 1-2, 2023

2022 [VoiceThread Certified Educator](#), VCE Cohort 64 training completed April-June 2022.

2021 Advancing Scholarship and Practice of Stakeholder Engagement in Working Landscapes, [Virtual Workshop Series](#) via Pennsylvania State University, February-June, 2021

2020 Online Teaching Excellence Institute, Appalachian State University, Sept 14-Nov 19, 2020
2020 Designing Effective Online Courses, UNC System Digital Learning Initiative, July 20-31, 2020
2020 Designing Effective Assessments, Online Learning Consortium Certificate, May 18-24, 2020
2019 Program Recruitment Strategies, Center for Academic Excellence, AppState, Feb. 28, 2019
2018 Program Assessment & Curriculum Map Grant, IRAP, May 31, 2018
2017 Developing Your Education Abroad Budget, OIED Workshop, AppState, Aug. 16, 2017
2017 Integrating Sustainability into Curriculum and Research Workshop, AppState, June 1, 2017
2016 New Graduate Program Director Workshop, School of Graduate Studies, Sept. 30, 2016
2016 Appalachian Workshops on the Environment: The Value of a Tree, Sept. 24, 2016
2016 Appalachian Proposal Preparation Lab program, Office of Research, Sept.-Nov. 2016
2016 QEP Study Away Institute, Appalachian State University, June 6-10, 2016
2016 Equity in Recruitment and Selection of Faculty, ASU Equity Office Seminar, January 13, 2016
2015 Advising Workshop, College of Arts & Sciences, Appalachian State University, Sept. 2015
2015 Academic Development Workshop “Being an engaged campus: Opportunities for teaching, learning, research, and service”, Appalachian State University, March 18, 2015.
2014 Advising Workshop, College of Arts & Sciences, Appalachian State University, Sept. 2014
2014 Southeast Regional Assembly of Land Trusts, Chattanooga, TN, March 24-25, 2014
2013 Stone Soup Workshop, “Building Relationships That Lead to Outrageously Loyal and Generous Donors, Year After Year”, Nonprofit workshop series, Boone, NC, Oct. 24th, 2013
2012 NC Campus Compact, 10th Anniversary Civic Engagement Institute “Intensifying Impact: Engagement Matters”, Chapel Hill, NC, Feb. 15, 2012
2011 Hubbard Center for Faculty Development, Appalachian State University, “20 Points for Effective Teaching” and “Web-conference Using AsUlearn” Workshops, Boone, NC, 2011
2011 Climate Literacy & Energy Awareness Network, Workshop & Webinar, 11-19 April, 2011.
2008 Course Development Institute, Campus Instructional Consulting, Indiana University, July ‘08.

PROFESSIONAL SERVICE

Service to the Department

Member, Public Budgeting Search Committee - MPA program, Spring 2022.
Member, Department Promotion and Tenure Committee, 2019-21
Chair, Comprehensive Exam Assessment Committee, MA in Political Science Program, 2020-21
AsUlearn Training for Graduate Student Assistants, March 17, 2020
GJS Graduation Ceremony, Spring 2019
GJS Fall Open House, Appalachian State University, October 6, 2018
Graduate Programs & Professional Schools Fair, Appalachian State University, October 4, 2018
Member, Political Psychology Search Committee, Fall 2018
Director, MA Program in Political Science, 2018-Present
Chair, MA in Political Science Strategic Planning Committee, Spring 2018
Member, Department Personnel Committee, Appalachian State University, 2017-2019
Member, Dan German Visiting Professor Search Committee, 2016-2018
Member, MPA NASPAA Re-accreditation Committee, Appalachian State University, 2015-16
Member, Public Administration Search Committee, Appalachian State University, Spring 2016
Member, GJS Fellows Committee, Appalachian State University, 2016

Member, GJS Faculty Team at Appalachian's Spring Open House, April 18, 2015
Member, Department Personnel Committee, Appalachian State University, 2014-2015
Member, Diversity Faculty Fellows Search Committee, Appalachian State University, March 2015
Member, Political Science Search Committee, Appalachian State University, Fall 2014
Member, Public Administration Search Committee, Appalachian State University, 2014
Member, Department Personnel Committee, Appalachian State University, 2011-2012
Member, Judicial Politics Search Committee, Appalachian State University, Fall 2011
Member, Master of Public Administration Curriculum Committee, 2012-2018
Academic Advisor, GJS Dept., Appalachian State University, 2012-Present
Coordinator, Brown Bag Seminar on the Environment, Appalachian State University, 2011

Service to the University

Member, 2023-24 QEP Climate Literacy Implementation Committee, Appalachian State University
Mentor, 2022-23 PREPARE program, Office of Research, Appalachian State University
Member, 2018-19 SWOT Analysis for RIEEE Strategic Planning
Member, RIEEE Interim Director Search Committee, Fall 2018 (Chair: Dr. Ece Karatan).
Organizer, The OFFSET Workshop: Exploring Possibilities for Small-scale Forest Owners, Boone, NC, September 21, 2018.
Organizer, The OFFSET Workshop: Offsets for Future Forest Stewardship and Education Together, Boone, NC, October 6, 2017.
Advisory Board Member, Research Institute for Environment, Energy, and Economics (RIEEE), Appalachian State University, 2017-18.
Host, 2016 Mandela-Washington Program, Office for International Education and Development
Reviewer, GRAM Awards 2016-18 Review Committee, ASU Graduate School, March-May 2016
Advisory Group Member, Professional Science Master in Environmental Science Program, Appalachian State University, 2013-2015
Advisory Board Member, Research Institute for Environment, Energy, and Economics (RIEEE), Appalachian State University, 2012-2014

Service to the Public

Member, Curriculum Committee, Forest Owner Carbon and Climate Education Program (led by Dr. Melissa Kreye, Pennsylvania State University). 2022- Present.
Member, Natural and Working Lands Stakeholder Committee, NC Department of Environmental Quality, 2019-Present
Member, NC Forest Carbon Community of Interest, 2020-Present
Member, Land Protection Committee, New River Conservancy (formerly, the National Committee for the New River), West Jefferson, NC, 2012-Present
Board member, Blue Ridge Seeds of Change (BRSOC), Boone, NC, 2013-2014
Member, Assessment Group, Blue Ridge Seeds of Change Initiative, Boone, NC, 2012-2013

Service to the Profession

Review Editor

Frontiers in Forests and Global Change – People and Forests Section (2023-)

Panel/ Roundtable Convener

Roundtable: Nuts and Bolts of Graduate School: Unpacking Student Experiences and Strategies for Graduate Student Success – 2024 meeting of the *NCPSA/NCPAAA Conference*, Asheville, NC, March 22-23, 2024.

Roundtable: Teaching Methods in Public Affairs– 2023 meeting of the *NCPSA/NCPAA Conference*, UNC-Wilmington, Wilmington, NC, March 24-26, 2023.

How Participation and Program Design Shape Investments in Public Goods - Fall Research Conference of the *Association of Public Policy Analysis and Management (APPAM)*, Washington D.C., November 2018.

Mixed Methodologies, Novel Data, and Syntheses in the Study of Local Environmental Governance. *International Association for the Study of the Commons Workshop* ‘Working Together on the Commons’, Center for Behavior, Institutions and the Environment, University of Arizona, March 8-9, 2018.

The Offset Workshop: Offsets for Future Forest Stewardship and Education Together, *Appalachian State University*, Boone NC, October 6, 2017.

How network arrangements and policy processes shape the adaptive capacity of land and water resource systems - 2016 Fall Research Conference of the *Association of Public Policy Analysis and Management (APPAM)*, Washington D.C., November 2016.

Collective action issues in the provision and production of ecosystem services - 15th Biannual Conference of the *International Association for the Study of the Commons (IASC)*, Edmonton, Alberta, May 25-29, 2015.

Panel Discussant & Chair

Discussant: Elon University Undergraduate Workshop on Environmental Politics 2024; MPSA 2024; APPAM 2015 Panel “Moving Beyond Questions of ‘Why?’ The Administration and Outcomes of Local Sustainability Efforts”

NCPSA 2015 Panel “Issues in Non-Profits and the Voluntary Sector”

MPSA 2013 Panel “Political movements and social networks in Latin America”

Chair: APPAM 2018, IASC 2017, APPAM 2016, NCPSA 2015, Appalachian Studies Association, 2013, MPSA, 2012.

Ad-hoc Reviewer

Nature-Based Solutions; Policy Studies Journal, PS: Political Science & Politics, Review of Policy Research, Journal of Environmental Management, Journal of Environmental Studies & Sciences, Sustainability Science, Land Use Policy, Applied Geography, Forests, Clemson Extension.

PROFESSIONAL MEMBERSHIPS

Association of Public Policy Analysis and Management (APPAM)

Association of Environmental Studies and Sciences (AESS)

International Association for the Study of the Commons (IASC)

PROFESSIONAL REFERENCES

Cathy Marcum, Professor and Chair, Department of Government and Justice Studies, Appalachian State University, marcumcm@appstate.edu

Gregg Marland, Senior Research Faculty, Research Institute for Energy, Environment, and Economy (RIEEE), Appalachian State University, marlandg@appstate.edu

Burnell C. Fischer, Clinical Professor, Indiana University, School of Public and Environmental Affairs, and former Co-Director, Ostrom Workshop in Political Theory and Policy Analysis, bufische@indiana.edu