

CURRICULUM VITAE, TROY D. ABEL, PH.D.

Professor of Environmental Policy, Dept. of Urban & Environmental Planning & Policy, Western Washington University (WWU). 516 High Street, Arntzen 217, Bellingham, WA 98225. Phone: (360) 650-6532; email: abelt@wwu.edu; website: <https://cenv.wwu.edu/people/troy-abel>; blog: <https://wp.wwu.edu/ecoprism/>

EDUCATION

Ph.D. 1998. Public Policy, George Mason University. *Paths to new public policy: civic factors and local voluntary environmental efforts*. Chair: Roger Stough. Committee: Hugh Heclo and Thomas Dietz.

MPA. 1994. Public Policy Analysis, George Mason University.

B.S. 1990. Public Health, Indiana University, Indianapolis, Indiana.

FACULTY APPOINTMENTS

- 2021 –** Professor of Environmental Policy, Dept. of Urban and Environmental Planning and Policy, Western Washington University College of the Environment.
- 2019 – 2021** Professor of Environmental Policy, Dept. of Environmental Studies, Western Washington University College of the Environment.
- 2011 – 2019.** Associate Professor of Environmental Policy, Dept. of Environmental Studies, Western Washington University College of the Environment.
- 2006 - 2010.** Assistant Professor of Environmental Policy, Dept. of Environmental Studies, Western Washington University College of the Environment.
- 2001 - 2006.** Assistant Professor, Dept. of Public and Environmental Affairs, University of Wisconsin Green Bay.
- 1999 - 2001.** Assistant Professor, Department of Political Science and Graduate Program in Environmental Sciences, Southern Illinois University Edwardsville.

ADMINISTRATIVE EXPERIENCE

- 2014 - 2016.** Academic Program Director, College of the Environment's Peninsulas Program, Western Washington University on the Peninsulas.
- 2007 - 2012.** Program Director, College of the Environment's Rainforest Immersion and Conservation Action study abroad experience in Costa Rica.

AWARDS AND HONORS

1. Selected for WWU's [2017-2018 Teaching Showcase theme on Engaging Social Justice](#).
2. Appointed to the US Environmental Protection Agency's Science Advisory Board (SAB) as an expert environmental justice panelist. 2012-2015.
3. Co-recipient of the 2012 [Lynton Keith Caldwell Prize](#) for the best book on environmental politics awarded by the American Political Science Association's (APSA) Section on Science, Technology, and Environmental Politics (STEP).
4. Selected for WWU's 2010 "Scholarship of Leadership" workshop sponsored by the Karen Morse Leadership Institute.
5. Recipient of a 2009 "Academy Award" for leadership on sustainability and diversity from WWU's Teaching and Learning Academy.
6. Appointed to the Lake Michigan Forum from 2003-2006; a U.S. EPA stakeholder advisory group providing public input on the Lake Michigan Lakewide Management Plan (LaMP).
7. Selected for the University of Wisconsin Green Bay's 2002-2003 Teaching Scholars program.
8. Recipient of George Mason University's 1994 Joseph L. Fisher dissertation research award.

EXTRAMURAL RESEARCH GRANTS (21 totaling \$5.5 million)

1. **\$2,659,473.6 awarded** from the National Institutes of Health. Co-Investigator with Linn Gould, Edmund Seto, Catherine Carr, Elena Austin, Adam Szpiro, Barbara Jill Cummings, and Co-Principal Investigators (PIs) Anjum Hajat and Paulina Lopez for "Action towards health equity and improved air quality in the Duwamish Valley: A multilevel asthma intervention." January 2023 – December 2027.
2. **\$55,050 awarded** from The Nature Conservancy (Grant WA-G-220411-016). Project Manager for "Equity in

Washington's Air Quality & Climate Commitments. March 16 – December 31, 2022.

3. **\$80,000 awarded** from the US Department of Agriculture's Forest Service (Agreement # 21-DG-11062765-708). Collaborator with Project Manager Weston Brinkley (Street Sound Ecology) for "Implementing Urban Forestry Projects in the Green-Duwamish Watershed." May 2021 – December 2023.
4. **\$130,000 awarded** from Kitsap County (Contract KC-529-20). Principal Investigator (PI) for a "Puget Sound Natural Resource Governance Assessment." January 2021 – March 2022.
5. **\$131,422 awarded** from the US Environmental Protection Agency's (EPA Assistance Agreement NE-01J78901-0). August 2020-2023. Project Director (PD) for environmental education program "Youth Learning, Leadership, and Stewardship for Environmental Justice: Community-engaged air quality bioindicators using moss in South Seattle."
6. **\$139,998 awarded** from the US Department of Agriculture's Forest Service (Agreement # 18-CV-11062765-744). Collaborator with Principal Investigator Weston Brinkley (Street Sound Ecology) for the "Green Duwamish Learning Landscape." October 2018 – December 2022.
7. **\$120,000 awarded** from the EPA program in Environmental Justice Collaborative Problem-Solving (Assistance Agreement 01J27101). 2016-2018. Collaborator with Project Coordinator Maria Batayola (El Centro de la Raza) for "The Beacon Hill Environmental Health Collaboration."
8. **\$10,582 awarded** from WWU's Border Policy Research Institute. 2017-2018. PI for a project examining "Coastal Marine Protected Areas in the Salish Sea."
9. **\$6,000 awarded** from the National Science Foundation (NSF). 2017. PI for a Research Experience for Undergraduates (REU) grant to support research on climate risk governance in the United States.
10. **\$545,022 awarded** from the NSF (Award # 1431487). 2014-2019. PI for "Climate risk governance and polycentrism in US states" with Dorothy Daley and Mark Stephan, Co-Principal Investigators.
11. **\$119,984 awarded** from the EPA program in Environmental Justice Collaborative Problem-Solving (Assistance agreement 00J91901). 2014-2016. Co-PI with Dagmar Cronn (South Park Neighborhood Association), Craig Kenworthy (Puget Sound Clean Air Agency), and David Fleming (Seattle and King County Environmental Health Services) and Barbara Jean Cummings, PI (Duwamish River Cleanup Coalition) for "The Duwamish Community Action for Clean Air project."
12. **\$6,033.00 awarded** from WWU's Border Policy Research Institute. 2014-2015. PI for "Climate Risk Governance in Cascadia's Watersheds."
13. **\$11,334 awarded** from the Environmental Council of the States (ECOs). 2012-2013. PD for the Toxic Trends web map and mobile application toxictrends.org through the College of the Environment Spatial Institute.
14. **\$10,270 awarded** from WWU's Border Policy Research Institute. 2009-2010. PI for "Borders, Barriers, and Breakthroughs in Cascadia's Wildlife Commons."
15. **\$7,130 awarded** for a REU supplemental grant from NSF. 2004. PI for "Pollution geography and information politics" with Co-PIs Mike Kraft (University of Wisconsin Green Bay) and Mark Stephan (Washington State University Vancouver).
16. **\$306,842.00 awarded** from NSF (Award # 0306492). 2003-2007. Co-PI with Mark Stephan and Michael E. Kraft, PI. "Information disclosure and environmental decision making."
17. **\$3,956.00** grant from the University of Wisconsin Institute for Race and Ethnicity. 2002. PI. "Environmental injustice and social vulnerability in Wisconsin communities."
18. **\$119,772 awarded** through a EPA Cooperative Agreement. 2001-2002. Co-PI with Kevin Johnson and Jim Houppis, PI. "Frontiers in risk applications and policy: teaching and research in environmental science."
19. **\$20,000.00** fellowship from Southern Illinois University Edwardsville's (SIUE) Institute for Urban Research. 2000-2001. PI for "Environmental Injustice across the St. Louis Metro-East Riskscape."
20. **\$256,252 awarded** by NSF (Award # 9976483). 1999-2002. Co-PI with Somik V. Lall, Thomas Dietz, and Kingsley Haynes, PI. "Social Vulnerability Analysis: Spatial and Hazard Screening of Toxic Chemical Releases."
21. **\$101,600 awarded** by NSF (Award # 9815876). 1998–2001. PI with Thomas Dietz, Co-PI "Local Environmental Decision Making: Non-mandated Policies and Procedural Innovations."

SCHOLARSHIP AND CREATIVE ACTIVITIES

Scholarly Publications: 49.

Peer-reviewed articles authored or co-authored: 14

1. Daley, Dorothy, Troy D. Abel, Mark Stephan, Saatvika Rai, and Ellen Rogers. 2023. [Can Polycentric Governance Lower Industrial Greenhouse Gas Emissions: Evidence from the United States?](#) *Environmental Policy & Governance*. Early view.
2. Jovan, Sarah, Christopher Zuidema, Monika M. Derrien, Amanda L. Bidwell, Weston Brinkley, Robert J. Smith, Dale Blahna, Roseann Barnhill, Linn Gould, Alberto J. Rodríguez, Michael C. Amacher, Troy D. Abel, and Paulina López. 2022. [Heavy metals in moss guide environmental justice investigation: a case study using community science in Seattle](#). *Ecosphere* 13(6): e4109.
3. Salazar, Debra J., Stacy Clauson, Troy D. Abel, and Aran Clauson. 2019. [Race, income, and environmental inequality in the U.S. States, 1990–2014](#). *Social Science Quarterly* 100(3): 592-603.
4. Abel, Troy D., Jonah White, and Stacy Clauson. 2015. [Risky business: sustainability and industrial land use across Seattle's gentrifying riskscape](#). *Sustainability* 7(11): 15718-15753.
5. Abel, Troy D., Debra Salazar and Patricia Robert. 2015. [States of Environmental Justice: Redistributive Politics across the US](#). *Review of Policy Research* 32(2): 200-225.
6. Abel, Troy D., Jonah White. 2015. [Gentrified sustainability: inequitable development and Seattle's skewed riskscape](#). *Interdisciplinary Environmental Review* 16(2/3/4): 124-157.
7. Kelly, Jennifer R. and Troy D. Abel. 2012. [Fostering ecological citizenship: the case of environmental service-learning in Costa Rica](#). *International Journal for the Scholarship of Teaching and Learning* 6(2): Article 16.
8. Abel, Troy D. and Jonah White. 2011. [Skewed Riskscales and Gentrified Inequities: Environmental Exposure Disparities in Seattle, WA](#). *American Journal of Public Health* 101(S1): S246–S254.
9. Abel, Troy D. 2008. [Skewed Riskscales and environmental injustice: a case study of metropolitan St. Louis](#). *Environmental Management* 42(2): 232-248.
10. Abel, Troy D. and Mark Stephan. 2008. [Tools of environmental justice and meaningful involvement](#). *Environmental Practice* 10(4): 152-163.
11. Abel, Troy D., Mark Stephan, and Michael Kraft. 2007. [Environmental Information Disclosure and Risk Reduction among the States](#). *State and Local Government Review* 39(3): 153-165.
12. Abel, Troy D. and Mark Stephan. 2000. [The Limits of Civic Environmentalism](#). *American Behavioral Scientist* 44(4): 614-628.
13. Stern, Paul C., Thomas Dietz, Troy D. Abel, Gregory A. Guagnano, and Linda Kalof. 1999. [A Value-belief-norm theory of support for social movements: The Case of Environmentalism](#). *Human Ecology Review* 6(2): 81-97.
14. Abel, Troy D. and J. Thomas Hennessey. 1997. [State and Local Opportunities in Environmental Policy: Cleaning Up the Potomac and Anacostia Rivers](#). *Public Works Management & Policy* 2(2): 160-171.

Peer-reviewed books, book chapters, and special issues: 6

1. Cole, Helen and Troy D. Abel. 2021. Resisting green gentrification: Seattle's South Park neighborhood struggles for environmental justice. In [The Green City and Social Injustice](#), ed. Isabelle Anguelovski and James J. T. Connolly. Hoboken, NJ: Taylor and Francis, pp. 123-133.
2. Abel, Troy D., Stacy Clauson, and Debra J. Salazar. 2020. Skewed Sustainability and Environmental Injustice Across Metropolitan St. Louis. In [Case Studies in Suburban Sustainability](#), ed. Robert Brinkmann and Sandra Garren. Gainesville, FL: University of Florida Press, pp. 185-200.
3. Abel, Troy D., Debra Salazar, Patrick Murphy, and Jonah White. 2020-2021. [Environmental Justice and Sustainability](#). An invited special issue with 10 articles for the journal *Sustainability*.
4. White, Jonah and Troy D. Abel. 2019. A growing but unequal city: environmental exposure disparities, gentrified inequities, and public health in Seattle, Washington. In the [Routledge Handbook of Global Urban Health](#), ed. Igor Vojnovic, Amber L. Pearson, Asiki Gershim, and Adrianna Allen. Hoboken, NJ: Taylor and Francis, pp. 553-583.

5. Abel, Troy D., and Mark Stephan. 2018. Streams of toxic and hazardous waste disparities, politics, and policy. In the [*Routledge Handbook of Environmental Justice*](#), ed. Ryan Holifield, Jayajit Chakraborty, and Gordon Walker. Hoboken, NJ: Taylor and Francis, pp. 311-326.
6. Kraft, Michael, Mark Stephan, and Troy D. Abel. 2011. [*Coming clean: information disclosure and environmental performance*](#). Cambridge, MA: MIT Press.

Online Books, Blogs, Chapters, Papers, & Datasets: 19.

1. Abel, Troy D. 2023. [How can the U.S. reduce Greenhouse Gas Emissions?](#) *Ecotopia's Prism*. 15 June.
2. Abel, Troy D. 2022. [Net Zero Failing for Puget Sound Recovery](#). *Ecotopia's Prism*. 2 October.
3. Abel, Troy D. 2022. [Is this picture worth a thousand words?](#) *Ecotopia's Prism*. 1 October.
4. Jovan, Sarah, Christopher Zuidema, Monika Derrien, Amanda Bidwell, Weston Brinkley, Robert Smith, Dale Blahna, Roseann Barnhill, Linn Gould, Alberto Rodríguez, Michael Amacher, Troy Abel, Paulina López. 2022. [“Measurements of Heavy Metals in the Moss *Orthotrichum Lyellii* Collected Using Community Science in the Duwamish Valley, Seattle, Washington, U.S.A.”](#) Dryad.
5. López, Paulina and Troy D. Abel. 2021. [Clean air everywhere, for everyone in Washington](#). Seattle, WA: *South Seattle Emerald*. 28 February.
6. Abel, Troy D. 2021. [Protecting Ecotopia's Bioregions](#). *Ecotopia's Prism*. 16 January.
7. Abel, Troy D. 2020. [Toxic policy contrasts in Ecotopia](#). *Ecotopia's Prism*. 22 December.
8. Abel, Troy D. 2020. [Is Seattle seeing cleaner air everywhere, for everyone?](#). Seattle, WA: Duwamish River Cleanup Coalition.
9. Abel, Troy D. 2019. [Greetings from Cascadia & Ecotopia](#). *Ecotopia's Prism*. 18 May.
10. Abel, Troy D., Jonah White, and Stacy Clauson. 2019. [Seattle's Segregated Riskscape](#). *Toxic News*. February, Issue 14.
11. Salazar, Debra, Stacy Clauson, Troy D. Abel, and Aran Clauson. 2018. [The Visualized Environmental Inequality Dataset](#) (VEID). Dataset to accompany the paper titled “Race, Income, and Environmental Inequality in the U.S. States, 1990-2014.”
12. Abel, Troy D. 2017-18. [Praxis for environmental justice](#). *Innovative Teaching Showcase, 2017-18 (19)*. Western Washington University. ISSN: 2374-9415.
13. Daley, Dorothy, Troy D. Abel, and Mark Stephan. 2014. [Multilevel climate governance, polycentrism, and environmental performance](#). Paper presented at the 2014 meetings of the American Political Science Association. Washington, DC. 28-31 August.
14. Abel, Troy D., Mark Stephan, and Dorothy Daley. 2014. [Climate Risk Governance in the US States](#). Paper presented at the Ostrom Workshop in Political Theory and Policy Analysis. Bloomington, IN. 18-21 June. Paper available through the Indiana University Digital Library of the Commons.
15. Abel, Troy D. editor. 2012. [Five seasons in Ecotopia: rainforest immersion and conservation action in Costa Rica](#). Bellingham, WA: Village Books Press.
16. Abel, Troy D. 2012. [Conserving single large and several small](#). In *Five seasons in Ecotopia: rainforest immersion and conservation action in Costa Rica*, ed. Troy D. Abel. Bellingham, WA: Village Books Press, 12-15.
17. Abel, Troy D. 2012. [Participatory ecological monitoring and environmental education in 2011](#). In *Five seasons in Ecotopia: rainforest immersion and conservation action in Costa Rica*, ed. Troy D. Abel. Bellingham, WA: Village Books Press, 46-57.
18. Abel, Troy D. 2012. [Ecotopia's prism](#). In *Five seasons in Ecotopia: rainforest immersion and conservation action in Costa Rica*, ed. Troy D. Abel. Bellingham, WA: Village Books Press, 3-6.
19. Abel, Troy D., Jenni Pelc, Lauren Miller, Jacqueline Quarre, and Kathryn Mork. 2011. [Borders, Barriers, and Breakthroughs in Cascadia's Wildlife Commons](#). Research Report No. 15. Border Policy Research Institute, Western Washington University. Bellingham, WA.

Abstracts & Reviews in Print: 10.

1. Mork, Kathryn, Diana Bermudez, Troy D. Abel and Adrian Arce. 2011. Evaluando el monitoreo participativo de la Lapa Roja en el Parque Nacional Carara, Costa Rica. *Mesoamericana* 15(2): 185.

2. Miller, Lauren and Troy D. Abel. 2010. Trans-boundary biodiversity governance in Costa Rica and Panama's La Amistad Park. *Mesoamericana* 14(2): 114.
3. Arce-Arias, Adrián, Kathryn Mork, Troy D. Abel, and Ian Shives. 2010. Gestión cooperativa de recursos en Costa Rica: estudio de caso Parque Nacional Carara. *Mesoamericana* 14(2): 115.
4. Arce-Arias, Adrián, Derek Schruhl, Tana Beus, Troy D. Abel, and Michael Medler. 2010. La tecnología a favor de la conservación: uso de camera trampa en nidos naturales de Lapa Roja (*Ara macao*) como técnica para la conservación, manejo y protección de la especie. *Mesoamericana* 14(2): 193.
5. Abel, Troy D. 2005. Average science politics and environmental justice. *STEP Ahead* Vol. 3(1): pp.9-11.
6. Abel, Troy D., and Alex Vasiliev. 2004. Environmental injustice in the St. Louis and Milwaukee Risksapes. *Kaleidoscope II*. Winter issue.
7. Abel, Troy D., Michael Kraft, and Mark Stephan. 2003. Information disclosure and environmental decision making. *STEP Ahead*, 1(1): pp. 10-12.
8. Abel, Troy D. 2003. Review of *Perverse Subsidies: How Tax Dollars Can Undercut the Environment and Economy* by Norman Meyers and Jennifer Kent. Washington, D.C.: Island Press, 2001. *Society & Natural Resources*, 16:363-364.
9. Davis, Kimberly and Troy D. Abel. 1993. Uncertainty in the Land Use/Transportation: Interactive Model and Build/No Build Assumptions. Guessing the Future: Coping with Uncertainty in Infrastructure Planning. *Conference Proceedings of the American Society of Civil Engineers*. Denver, Colorado.
10. Stough, Roger and Troy D. Abel. 1992. Measuring the Economic Effect of Highly Constrained Industrial Services. *Modeling and Simulation*, Vol. 23, Part 1. ed. Vogt, William g. and Mickle, Marlin H. Pittsburgh, PA: School of Engineering, University of Pittsburgh.

Creative Products, Presentations, and Academic Papers: 136

External Client Reports and Web Map Designs: 13

1. Abel, Troy D., Sarah Safadi, Anneka Herin, Erick Moreno. 2023. [Fact Map to Help Washington Keep its Equity and Air Quality Commitments](#). Prepared for EPA Assistance Agreement NE-01J78901-0 and Duwamish River Community Coalition. June 13.
2. Abel, Troy D., Jonah White, Allison Hayes, Alexis Light, Anneka Herrin, Bryce Groen, Erick Moreno, Mallory Ekman, Sarah Miller, Sarah Safadi, Sienna Taylor, Ashton Timour, Madison Bash, Savannah Cline, Jordan Kremzner-Hernandez, Nathan Lloyd, River Starr, Emilia Truax, and Bentley Wilson. 2023. Equity for Washington's Clean Air & Climate Commitments? Policy primer draft prepared for The Nature Conservancy and grant WA-G-220411-016. June 13.
3. Abel, Troy D., Raechel Youngberg, Jann Eberharther, and Mark Stephan. 2022. [Sound natural resources governance for Washington's estuarine recovery?](#) Technical report prepared by Kitsap County for contract KC-529-20.
4. Lopez, Paulina, Linn Gould, Troy D. Abel, Barbara J. Cummings and Alberto Rodriguez. 2020. [Duwamish River Clean Air Program Moss Study Factsheet](#). Seattle, WA: Duwamish River Cleanup Coalition.
5. Abel, Troy D., John Hoac, Brandon Teeny, Nephtalie Gonzales, Quan Vo, Janea Diloy, Maninbel Grace Aglian, Vivian Pham, Vicky Pham, Valeria Grasso, Annemarie Davis, Demaree Trull, & Jill Needham. 2018. [Seattle's Segregated Soundscape](#). Technical report prepared for the Beacon Hill Environmental Health Collaboration.
6. Abel, Troy D., Jonah White, and Stacy Clauson. 2017. Seattle's Segregated Riskscape. ArcGIS online: <https://arcgis.is/1nbaIq>.
7. Clauson, Stacy and Troy D. Abel. 2017. [Cleveland High School Tree Sample Map](#).
8. Clauson, Stacy and Troy D. Abel. 2017. [Cleveland High School Tree Sampling App](#).
9. Johnson, Vernon and Troy D. Abel. 2017. Becoming a partner in the Environmental Justice Movement. Report prepared after a consensus and facilitated focus conversation with ReSources. Bellingham, WA.
10. Clauson, Stacy and Troy D. Abel. 2015. [Mapping Duwamish Community Action for Clean Air](#).
11. Clauson, Stacy and Troy D. Abel. 2015. [Duwamish Air Watch](#).
12. Lesser, Jacob and Troy D. Abel. 2012. <http://toxictrends.org/>.

13. Abel, Troy D., 2002. *Environmental injustice across the St. Louis Metro-East riskscape*. Southern Illinois University Edwardsville's Institute for Urban Research. East St. Louis, IL.

Invited Speaking: 45

1. Abel, Troy D, Jonah White, Allison Hayes, David Mendoza, and Jamie Stroble. 2023. Equity for Washington's Air Quality and Climate Commitments. Annual Conference on EPA's Toxics Release Inventory. "TRI: Transforming Data into Action." October 24-25, Arlington, Virginia.
2. Abel, Troy D. 2023. [Justice for Coupled Human and Natural River Systems: Politicizing Seattle's Duwamish River Communities](#). For the Tiber Project. September 11 – 15. Temple University. Rome, Italy.
3. Abel, Troy D., Alexis Light, Anneka Herrin, Bryce Groen, Erick Moreno, Mallory Ekman, Sarah Miller, Sarah Safadi, Sienna Taylor, Ashton Timour. 2023. [Equity for Washington's Air Quality and Climate Commitments](#). Invited faculty/student collaboration presentation to Scholars Week. May 16.
4. Poulsen, Christian and Troy D. Abel. 2023. Community-Based Participatory Research for Environmental Justice. Presentation to Dr. Anjum Hajat's graduate epidemiology class. University of Washington. Seattle. January 30.
5. Abel, Troy D. 2022. [Risk and EJ Screening for Teaching, Research & Beyond](#). Invited presentation for the "Toxics Release Inventory (TRI) Virtual Stakeholder Engagement Event" hosted online by the U.S. Environmental Protection Agency's (EPA) Office of Chemical Safety and Pollution Prevention. September 20.
6. Hampton, Adrienne and Troy D. Abel. 2022. Community-Academic Engaged Research Partnerships for Environmental Justice. Presentation to Dr. Anjum Hajat's graduate epidemiology class. University of Washington. Seattle. January 26.
7. Villalobos, Faith, Leilani Gutierrez, Carmen Martinez, Paulina Lopez, and Troy D. Abel. 2021. [Duwamish Valley Youth Corps Moss and Metals Pilot Study](#). Presentation to the University of Washington's Urban Forest Symposium. May 18.
8. Villalobos, Faith, Leilani Gutierrez, Carmen Martinez, Paulina Lopez, and Troy D. Abel. 2020. [Duwamish Valley Youth Corps Moss and Metals Pilot Study](#). Presentation to the Watershed Resource Inventory Area (WRIA) 9 Ecosystem Forum Meeting. November 12.
9. Abel, Troy D. 2020. Student research, leadership, and stewardship for environmental justice in South Seattle. Presentation to the Faculty Learning Community on Environmental Justice hosted by the Curriculum for the Bioregion. October 16.
10. Villalobos, Faith, Leilani Gutierrez, Carmen Martinez, Paulina Lopez, and Troy D. Abel. 2020. [Duwamish Valley Youth Corps Moss and Metals Pilot Study](#). Presentation to the South Park Neighborhood Association. October 13.
11. Daley, Dorothy, Troy D Abel, and Mark Stephan. 2019. Multilevel climate governance & environmental performance in the United States. Paper presented at the Subnational Environmental Administration Conference. Sponsored by the Harry S. Truman School of Public Affairs at the University of Missouri. April 26, Columbia MO.
12. Stephan, Mark and Troy D. Abel. 2019. US polycentricity and 3C climate risk governance. Book workshop for "Governance and the interaction of competition, cooperation and coercion." March 11-12 at Käte Hamburger Kolleg for Global Cooperation Research at University of Duisburg-Essen. Germany.
13. Abel, Troy D. 2018. The state of climate policy and politics in the US. Roundtable invitation for the annual meetings of the Pacific Northwest Political Science Association. November 8-10, Bend, Oregon.
14. Abel, Troy D. 2017. Environmental Justice for Coupled Human and Natural Systems. Presentation prepared for Michigan State University's Department of Geography, Environment, and Spatial Sciences colloquium. November 3, East Lansing, MI.
15. Abel, Troy D., Mark Stephan, and Dorothy Daley. 2016. Climate risk governance and environmental performance. Presentation for the second annual conference on Environmental Politics and Governance. June 16 – 19, Gerzensee, Switzerland.
16. Stephan, Mark, Troy D. Abel, Dorothy Daley, and Ellen Rogers. 2016. Climate Risk Governance and Polycentricity in the US States. Paper prepared for scholars at the University of Kassel, Germany. June 7.

17. Abel, Troy D., Mark Stephan, and Dorothy Daley. 2015. A polycentric framework of environmental governance: the US climate case. Presentation for the “Thinking Polycentrically Workshop” at the Ostrom Workshop of Political Theory and Policy Analysis. December 14 – 18, Bloomington, IN.
18. Daley, Dorothy, Troy D. Abel, and Mark Stephan. 2015. Exploring Multilevel Climate Governance & Environmental Performance in the United States. Presentation for the Environmental Institutions Seminar Series at the Nicholas School of the Environment at Duke University. November 20, Durham, NC.
19. Daley, Dorothy M. Troy D. Abel and Mark Stephan. 2015. Multi-level Climate Governance & Environmental Performance. Presentation at the University of Kansas’ “The Commons, Red Hot Research: Water, Energy, Climate.” September 18, Lawrence, KS.
20. Abel, Troy D., Dorothy Daley, and Mark Stephan. 2015. Climate Risk Governance in Washington State. Presentation for WWU on the Peninsulas’ Speaker Series. May 19, Poulsbo, WA.
21. Stephan, Mark, Troy D. Abel, and Dorothy Daley. 2015. Climate Risk Governance in the US States. Presentation for Georgetown University’s Energy and Climate Seminar. April 7, Washington, DC.
22. Stephan, Mark, Troy D. Abel, and Dorothy Daley. 2015. Integrating Quantitative and Qualitative Methods in Studying Climate Risk Governance. Presentation for the University of Kansas’ School of Public Affairs and Administration Speaker Series. February 9, Lawrence, KS.
23. Abel, Troy D., Dorothy Daley, and Mark Stephan. 2015. US Climate Risk Governance: Examining Polycentrism and Environmental Performance. Presentation to the University of Utah’s Society, Water, and Climate Seminar Series. January 20, Salt Lake City, UT.
24. Daley, Dorothy, Troy D. Abel, and Mark Stephan. 2015. Climate risk governance in the US states. Presentation at the Buechner Institute for Governance’s Workshop on Policy Process Research (WOPPR). January 8, Denver, CO.
25. Stephan, Mark, Troy D. Abel, and Dorothy Daley. 2014. Polycentricity and the Dispersal of Hierarchy: Digging into Vincent Ostrom’s Work. Presentation to Indiana University’s Ostrom Workshop Colloquia Series. October 29, Bloomington, IN.
26. Stephan, Mark, Dorothy Daley, and Troy D. Abel. 2014. Research Choices in Studying Climate Risk Governance: Integrating Quantitative and Qualitative Methods. Presentation for IUPUI’s School of Public and Environmental Affairs. October 28, Indianapolis, IN.
27. Abel, Troy D. and Jonah White. 2014. Unjust Sustainability: Gentrification, Inequitable Development, and Seattle’s Riskscape. Presentation at the *Just Sustainability: Hope for the Commons* conference. August 7-9, 2014, Seattle, WA.
28. Abel, Troy D. 2013. Ecotopia’s prisms: political biogeographies in Cascadia and Costa Rica. Invited lecture for the University for Peace. April 4, Ciudad Colón, Costa Rica.
29. Abel, Troy D. 2012. Ecotopia’s prism: five seasons in Costa Rica’s ecology, economy, and equity. Invited lecture for WWU’s Turning Points Faculty Speaker Series. February 15, Bellingham, WA.
30. Abel, Troy D. 2011. Coming clean and green. Invited presentation for the College of the Environment Speaker Series. February 11, Bellingham, WA.
31. Stephan, Mark and Troy D. Abel. 2010. PRTRs and Greening the North American Economy. Invited panelists for the Public Meeting of the North American Pollutant Release and Transfer Register (NAPRTR) Project sponsored by the Commission on Environmental Cooperation (CEC). Nov. 3-4, Washington, D.C.
32. Stephan, Mark, Troy D. Abel, and Mike Kraft. 2010. Coming Clean: An Analysis of the TRI. Invited keynote speakers for the National Training Conference on the Toxics Release Inventory (TRI) and Environmental Conditions in Communities cosponsored by the United States Environmental Protection Agency, the Environmental Council of the States and the World Resources Institute. Nov. 1-4, Washington, D.C.
33. Abel, Troy D. 2010. Transboundary Wildlife Conservation in Cascadia’s Commons. Invited speaker for WWU’s Border Policy Research Institute colloquium. May 27, Bellingham, WA.
34. Abel, Troy D. 2010. Rainforest Immersions. May 20 speaker for WWU’s Center for Service-Learning Showcase.
35. Abel, Troy D. 2010. Coming Clean with the Toxics Release Inventory. Invited speaker for the American Petroleum Institute’s TRI workshop. April 7-8, New Orleans, LA.
36. Abel, Troy D. 2009. Transboundary Wildlife Conservation and Management in Cascadia. Invited speaker for the annual meeting of WWU’s Border Policy Research Institute external advisory board. December 7, Bellingham,

WA.

37. Stephan, Mark, Michael Kraft, and Troy D. Abel. 2009. The Performance Dilemma: Toxic Releases, Risk, and Industrial Facilities in the United States. Invited participants in the North American Pollutant Release and Transfer Registry Officials meeting of the Commission for Environmental Cooperation of North America. November 11-12, Guadalajara, Mexico.
38. Stephan, Mark, Michael Kraft, and Troy D. Abel. 2009. Coming Clean: The Impact of the Toxics Release Inventory on Decision Making. Invited presentation delivered at the Toxics Release Inventory (TRI) National Training Conference co-sponsored by the Environmental Council of the States (ECOS) and EPA. March 30-April 2, Bethesda, MD.
39. Abel, Troy D. 2008. Why do some have more environmental protection and others less? Presentation at the Environmental Protection Agency's Region Ten Air Toxics Summit. August 5-6, Boise, ID.
40. Abel, Troy D. 2007. U.S. Chemical Industry Security. Invited presentation for the Challenges to Security in Transportation, Energy Supply Vulnerability and Industrial Security session of the International Security Workshop. March 23, 2007, Simon Fraser University Burnaby.
41. Abel, Troy D. 2002. Puzzles of Civic Environmentalism. Presented in the U.S. Environmental Protection Agency and National Science Foundation's 2002 Decision-making and valuation for environmental policy progress review workshop. March 21-22, Washington, D.C.
42. Abel, Troy D. 2001. Participant in the U.S. EPA Region 5 workshop on Community-based environmental justice in Southwestern Illinois. April 20, Chicago, IL.
43. Abel, Troy D. 2000. Participant in the Workshop on Education, Information, and Voluntary Measures in Environmental Protection. Sponsored by the National Academy of Sciences Committee on the Human Dimensions of Global Climate Change and the U.S. Environmental Protection Agency's Office of Environmental Education. November 29-30, Washington, D.C.
44. Abel, Troy D. 2000. Participant in the Taiwan Civil Service Development Center's Seminar on the challenge of globalization and international training for government officials. November 2, Taipei, Taiwan.
45. Abel, Troy D. 2000. Community based environmental decision-making: The Limits of Civic Environmentalism. Paper presented at the U.S. Environmental Protection Agency's Economics and Policy Workshop Series. May 9, Arlington, Virginia.

Conference Presentations, Workshops and Posters: 72

1. Abel, Troy D., Mark Stephan, and Rachel Youngberg. 2021. Sound Natural Resource Governance? Assessing Washington's Estuarine Recovery Efforts. Paper presented at the annual meetings of the Pacific Northwest Political Science Association. Portland, OR. 11-13 November.
2. Weimer, Dawn, Murphy, Patrick and Abel, Troy D. 2021. Meaningful Support of Tribal Involvement in Environmental Justice? Paper accepted for presentation at the annual meetings of the American Association of Geographers. April 7-11, 2021. Seattle, WA. Virtual.
3. Abel, Troy D., Debra Salazar, and Stacy Clauson. 2020. Skewed Sustainability and Environmental Injustice Across Metropolitan St. Louis, Missouri. Poster presentation remotely delivered at the annual meetings of the American Association of Geographers conference. April 8, Chicago, IL.
4. Abel, Troy D., Mark Stephan, and Dorothy Daley. 2020. Institutional and Policy Innovation and Efficacy for Climate Risk Governance: The Regional Greenhouse Gas Initiative. Paper prepared for the Western Regional Science Association's (WRSa) annual meetings in Waikiki, Hawaii from March 18-21, 2020. Canceled due to the pandemic.
5. Stephan, Mark, Dorothy Daley, and Troy D. Abel. 2019. Policies, Greenhouse Gas Emissions, and Power Plants: Do Policy Choices Help to Explain Variations across Carbon Dioxide and Methane Emissions? Paper accepted for the annual research conference of the Association for Public Policy Analysis and Management. November 7-9, Denver, CO.
6. Daley, Dorothy, Troy D. Abel, Mark Stephan. 2019. Subnational climate risk governance and efficacy in the US. Paper submitted for presentation at the annual meetings of the Western Political Science Association. April 18 – 20, San Diego, CA.

Curriculum Vitae (cont.)

Troy D. Abel

7. Salazar, Debra, Troy D. Abel, Stacy Clauson, and Aran Clauson. 2018. "The Politics of State Environmental Justice Policies. Paper presented at the annual meetings of the Pacific Northwest Political Science Association. April 8 – 10, Bend, Oregon.
8. Abel, Troy D., Jonah White, and Stacy Clauson. 2018. Seattle's segregated riskscape. Poster presented at the annual meetings of the Association of American Geographers. April 10-14, New Orleans, LA.
9. Radach, Katrina, Troy D. Abel, and Tammi Laninga. 2018. Deliberative mapping for a changing Salish Sea. Poster presented at the annual meetings of the Association of American Geographers. April 10-14, New Orleans, LA.
10. Radach, Katrina, Troy D. Abel, and Tammi Laninga. 2018. Deliberative mapping for a changing Salish Sea. Poster presented at the 30th anniversary Salish Sea Ecosystem Conference. April 3-6, Seattle, WA.
11. Radach, Katrina, Troy D. Abel, and Tammi Laninga. 2017. Deliberative mapping for a changing Salish Sea. Poster presented at the 8th annual Northwest Climate Conference. October 9-11, Tacoma, WA.
12. Salazar, Debra, Troy D. Abel, and Stacy Clauson. 2017. Modeling State Adoption of Environmental Justice Policy. Paper presented at the annual meetings of the Western Political Science Association. April 13-15, Vancouver, WA.
13. White, Jonah and Troy D. Abel. 2017. Environmental Exposure Disparities and Gentrified Inequities: A Seattle, Washington Context. Paper presented at the annual meetings of the Association of American Geographers April 5-9, Boston, MA.
14. Salazar, Debra, Stacy Clauson, and Troy D. Abel. 2016. Measuring Environmental Inequality at the State Level. Paper presented at the annual meetings of the Pacific Northwest Political Science Association November 10 - 12, Portland, OR.
15. Rogers, Ellen, Mark Stephan, Troy D. Abel, and Dorothy M. Daley. 2016. Success and Struggle: Climate Risk Governance in Washington State. Paper presented at the annual meetings of the Pacific Northwest Political Science Association November 10 -12, Portland, OR.
16. Stephan, Mark, Dorothy M. Daley, Troy D. Abel, and Ellen Rogers. 2016. Evaluating the impacts of polycentric climate initiatives on US GHG Emissions. Paper presented at the annual meetings of the American Political Science Association September 1-4, Philadelphia, PA.
17. Clauson, Stacy, Alberto Rodriguez, and Troy D. Abel. 2016. Scalar politics and obscured constructions of environmental injustice: air pollution hotspots in Seattle Washington. Paper presented at the Just Sustainability conference at Seattle University. August 7 – 9, Seattle, WA.
18. Obata, Taylor and Troy D. Abel. 2016. Cleaner Air with Greener Infrastructure: a case study of Seattle's South Park and Georgetown. Poster presented at the annual meetings of the Western Political Science Association. March 24 – 26, San Diego, CA. Also presented at WWU's *Undergraduate Scholars Showcase*. May 19 – 20, Bellingham, WA.
19. Hunter, Thomas and Troy D Abel. 2016. Reclaimed water policy in Washington State: centralized challenges and polycentric opportunities. Poster presented at the annual meetings of the Western Political Science Association. March 24 – 26, San Diego, CA. Also presented at WWU's *Undergraduate Scholars Showcase*. 19 – 20, Bellingham, WA.
20. Abel, Troy D., Stacy Clauson, and Alberto Rodriguez. 2016. The scalar politics of environmental injustice: obscured constructions of air pollution in Seattle Washington. Paper presented at the annual meetings of the Western Political Science Association. March 24 – 26, San Diego, CA.
21. Daley, Dorothy, Troy D. Abel, and Mark Stephan. 2015. Local policy diversity and climate change: understanding environmental performance. Paper presented at the 2015 meetings of the Association for Public Policy Analysis and Management. November 12 – 14, 2015, Miami, FL.
22. Daley, Dorothy M., Troy Abel and Mark Stephan. 2015. Climate Governance in the United States & Greenhouse Gas Emissions. Presentation at the University of Kansas' Center for Research Methods and Data Analysis workshop. September 25, Lawrence, KS.
23. Clauson, Stacy and Troy D. Abel. 2015. Exploring the Duwamish Air Watch Mapper. Community workshop hosted by the Duwamish River Cleanup Coalition. June 27, Seattle, WA.

24. Clauson, Stacy and Troy D. Abel. 2015. "A tale of two Emerald Cities: environmental inequality formation and participatory geography in action." Paper and poster presented at the annual meeting of the Association of American Geographers. April 21-25, Chicago, IL.
25. Miller, Lauren and Troy D. Abel. 2015. Mesoamerican conservationism: multi-level governance geographies across the La Amistad International Protected Area. Paper presented at the annual meeting of the Association of American Geographers. April 21-25, Chicago, IL.
26. Abel, Troy D., Dorothy Daley, and Mark Stephan. 2014. US climate risk governance and a framework for analyzing polycentrism and environmental performance. Paper presented at the annual meeting of the Pacific Northwest Political Science Association. October 9-11, Bend, OR.
27. Abel, Troy D. and Jonah White. 2014. Unjust Sustainability: Gentrification, Inequitable Development, and Seattle's Riskscape. Paper presented at Seattle University's conference Just Sustainability: Hope for the Commons. August 7-9, Seattle, WA.
28. Abel, Troy D., Mark Stephan, Ellen Rogers, and Dorothy Daley. 2014. Climate risk polycentricity and the IAD framework: policy grammar in Washington State. Paper presented at the Ostrom Workshop on the Workshop Five (WOW5). June 18-21, Bloomington, IN.
29. Abel, Troy D. 2014. Multilevel climate risk governance and polycentrism: a framework for analysis. Paper presented the 2014 meetings of the Western Political Science Association. April 17 – April 19, Seattle, WA.
30. Stephan, Mark and Troy D. Abel. 2014. Climate Change Governance: US States as Polycentric Actors. Paper presented at the 2014 meetings of the Western Political Science Association. April 17 – April 19, Seattle, WA.
31. Abel, Troy D. and Jonah White. 2014. Unjust Sustainability: Gentrification, Inequitable Development, and Seattle's Riskscape. Paper presented at the 2014 meetings of the Association of American Geographers. April 8-12, Tampa, FL.
32. Abel, Troy D. and Jonah White. 2014. Unjust Sustainability: Gentrification, Inequitable Development, and Seattle's Riskscape. Poster exhibited at the Washington Higher Education Sustainability Conference. Bellingham, WA, February 6 – 7.
33. Abel, Troy D., Mark Stephan, and Jacob Lesser. 2013. Exploring the Toxic Trends Map Application. Webinar hosted by the Environmental Council of the States. August 28.
34. Abel, Troy D., Mark Stephan, and Jacob Lesser. 2012. Clean and Green Trends. Website exhibition for the 2012 National Training Conference on the Toxics Release Inventory (TRI) and Environmental Conditions in Communities. April 11 and 12, Washington, D.C.
35. Abel, Troy D., Lauren Miller, and Jacqueline Quarre. 2012. Civic conservation in Cascadia. Paper presented at the 2012 Annual Meeting of the Pacific Northwest Political Science Association. November 8-10, Portland, OR.
36. Abel, Troy D., Mark Stephan, and Jacob Lesser. 2012. Clean and Green Trends? Environmental Performance from 1996 -2007 in US Industrial Facilities. Presentation for the 2012 National Training Conference on the Toxics Release Inventory (TRI) and Environmental Conditions in Communities. April 11 and 12, Washington, D.C.
37. Kostek, Daniel and Troy D. Abel. 2012. Just Sustainability in Seattle: Nonprofits and Civic Environmentalism. Paper presented at the Eighth International Conference on Environmental, Cultural, Economic and Social Sustainability. January 10-12, 2012, Vancouver, British Columbia.
38. Sabie, Bob and Troy D. Abel. 2011. Forgotten Navajo People participatory mapping and environmental justice. Website exhibition and national runner-up in the 2011 U.S. Environmental Protection Agency's Apps for the Environment Challenge. Washington, D.C.
39. Mork, Kathryn, Diana Bermudez, Adrián Arce Arias, and Troy D. Abel. 2011. Evaluando el monitoreo participativo de la Lapa Roja en el Parque Nacional Carara, Costa Rica. Conference presentation at the 15th Congress of the Mesoamerican Society for Conservation Biology. October 24-28, Merida, Mexico.
40. Abel, Troy D., Jonah White, and Daniel Kostek. 2011. Gentrifying Inequities and skewed riskscape: the microgeography of environmental injustice in Seattle. Paper presented at the Annual Meeting of the Association of American Geographers. April 12-16, Seattle, Washington.
41. Abel, Troy D., Jenni Pelc, Lauren Miller, Jacqueline Quarre, and Kathryn Mork. 2011. Borders, Barriers, and Breakthroughs in Cascadia's Wildlife Commons. Paper presented at the Annual Meeting of the Western Division of the Canadian Association of Geographers. March 10-12, Burnaby, BC Canada.

42. Miller, Lauren and Troy D. Abel. 2010. Trans-boundary Biodiversity Governance in Costa Rica and Panama's La Amistad Park. Conference presentation at the 14th Congress of the Mesoamerican Society for Conservation Biology. Nov. 8-12, San Jose, Costa Rica.
43. Arce Arias, Adrián, Kathryn Mork, Troy D. Abel, and Ian Shives. 2010. Cooperative Resource Management in Costa Rica: The Case of Carara National Park. Conference presentation at the 14th Congress of the Mesoamerican Society for Conservation Biology. Nov. 8-12, San Jose, Costa Rica.
44. Abel, Troy D. 2010. Skewed riskscapes and environmental injustice in St. Louis and Seattle. Poster presented at the U.S. Environmental Protection Agency's symposium on Strengthening Environmental Justice Research and Decision Making: A Symposium on the Science of Disproportionate Environmental Health Impacts. Walter E. Washington Convention Center. March 17-19, Washington, D.C.
45. Abel, Troy D., and Jonah White. 2009. Skewed Riskscapes and Gentrification in Seattle. Paper presented at the Annual Meetings of the Association of Pacific Coast Geographers. September 30 to October 3, San Diego, CA.
46. Stephan, Mark, Michael Kraft, and Troy D. Abel. 2009. Information Disclosure and Corporate Behavior: The Impact of the Toxics Release Inventory on Decision Making. Paper presented at the Annual Meetings of the Western Political Science Association. March 19-21, Vancouver, BC.
47. Abel, Troy D., and Jonah White. 2009. Gentrified Riskscapes and Environmental Injustice in Seattle, WA. Paper presented at the Annual Meeting of the Association of American Geographers. March 22-27, Las Vegas, NV.
48. Abel, Troy D. 2008. Skewed Riskscapes and environmental injustice: a case study of metropolitan St. Louis. Paper presented at the State of Environmental Justice in America: Promoting Partnerships for Sustainable Solutions conference at Howard University. May 21-24, Washington, D.C.
49. Robert, Patricia, Troy D. Abel, and Deborah Salazar. 2008. Identifying Influences on States' Abilities to Enact Environmental Justice Policies in the United States. Paper presented at the Annual Meetings of the Western Political Science Association. March 20-22, San Diego, CA.
50. Abel, Troy D., Mark Stephan, Mark Lubell and Michael Kraft. 2007. The Political Geography of Industrial Environmental Performance. Paper presented at the 2007 Annual Meetings of the Western Political Science Association. March 8-11, Las Vegas, NV.
51. Stephan, Mark, Troy D. Abel, and Michael Kraft. 2007. Toxic Releases and the States: Multilevel Analysis of the Relationship between State Politics, Policy, and Reductions in Pollution Releases. Paper presented at the 2007 Annual Conference on State Politics and Policy. February 23-24, Austin, TX.
52. Abel, Troy D. and Mark Stephan. 2007. Tools of environmental justice and transitions to participatory policy? Paper presented at the State of Environmental Justice in America conference at Howard University. March 29-31, Washington, DC.
53. Stephan, Mark, Michael Kraft, and Troy D. Abel. 2005. Information Politics and Environmental Performance: The Impact of the Toxics Release Inventory on Corporate Decision Making. Paper presented at the 2005 Annual Meetings of the American Political Science Association. September 1-4, Washington, DC.
54. Abel, Troy D., Michael Kraft, and Mark Stephan. 2005. Information politics, pollution geography, and changing riskscapes. Paper presented at the 2005 Annual Meetings of the Midwest Political Science Association. April 7-10, Chicago, IL.
55. Abel, Troy D., Michael Kraft, and Mark Stephan. 2004. Environmental Information Disclosure and Risk Reduction: State Variation in Control of Toxic Chemical Emissions. Paper presented at the 2004 Annual Meetings of the American Political Science Association. September 2-5, Chicago, IL.
56. Kraft, Michael, Troy D. Abel, and Mark Stephan. 2004. Information Disclosure and Risk Reduction: The Sources of Varying State Performance in Control of Toxic Chemical Emissions. Paper presented at the 2004 Annual Meetings of the Midwest Political Science Association. April 15-18, Chicago, IL.
57. Abel, Troy D. 2003. Unjust riskscapes and skewed political landscapes: the evolving science of environmental injustice. Paper presented at the Annual Meetings of the American Political Science Association August 28-3, Philadelphia, PA.
58. Abel, Troy D. and Michael E. Kraft. 2003. Information disclosure and decision making in environmental policy. Paper presented at the Annual Meetings of the American Political Science Association. August 28-3, Philadelphia, PA.

59. Abel, Troy D. 2002. Streams to ecological democracy: discursive failures in environmental justice. Paper presented at the annual meetings of the Mid-South Sociological Association. Oct. 16-19, Memphis, TN.
60. Abel, Troy D. and Mark Stephan. 2001. The tools of environmental justice: transitions to participatory policy. Paper presented at the Annual Meetings of the American Political Science Association. August 31, San Francisco, CA.
61. Abel, Troy D. and Jennifer Nowicki. 2001. Community based environmental justice. Paper presented at the Annual Meeting of the Midwest Sociological Society. April 4-6, St. Louis, MO.
62. Abel, Troy D. 2001. Community involvement in environmental justice decision making. Paper presented at the Annual Meeting of the Midwest Political Science Association. April 19-22, Chicago, IL.
63. Abel, Troy D. 2000. Air quality policy design in Taiwan: exploring new paths. Paper presented at the Urban Air Quality Management conference. October 30-31, Kaohsiung, Taiwan.
64. Abel, Troy D. 2000. The environmental justice framework: administration and representation. Paper presented at the Annual Meeting of the American Society of Public Administration. San Diego, CA.
65. Abel, Troy D. 1999. Devolution revolutions: civic environmentalism and local policy effort. Paper presented at the Annual Meeting of the American Political Science Association. September 2-5, Atlanta, GA.
66. Abel, Troy D. and Thomas Dietz. 1999. The problem of under representation in dichotomous dependent variables: a Monte Carlo logistic regression analysis. Paper presented at the Annual Meetings of the Southern Political Science Association. November 3-6, Savannah, GA.
67. Abel, Troy D., Henrietta Bullinger, Tyrus Smith, and Annette Hanada. 1998. Civic Participation and Local 6+Environmental Policy. Paper presented at the Annual Meeting of the American Political Science Association, Sept. 3-6, Boston, MA.
68. Abel, Troy D. 1997. New policy approaches for environmental equity. Paper presented at the annual conference of the Association for Public Policy Analysis and Management. Nov. 6-8, Washington, D.C.
69. Abel, Troy D. 1997. Local Environmental Policy Adoption: Civic Strategies in Communities. Paper presented at the bi-annual conference of the Society for Human Ecology. October 8-11, Bar Harbor, ME.
70. Marwah, Sanjay, Troy D. Abel, and Peter Arena. 1997. Spatial and Temporal Issues in Environmental Equity. Paper presented at the annual conference of the American Sociological Association. August 9-13, Toronto, Canada.
71. Abel, Troy D. and J. Thomas Hennessey, Jr. 1997. State and Local Opportunities in Environmental Policy: Cleaning Up the Potomac and Anacostia Rivers. Paper presented to the Annual conference of the American Society for Public Administration. July 26-30, Philadelphia, PA.
72. Abel, Troy D. 1996. Human Ecology and Local Environmental Policy Innovation: Understanding New Directions in Environmental Protection. Paper presented at the Human Ecology and Environmental Policy Symposium: Science and Democracy in the 21st Century. October 26, Fairfax, VA.

Works In Progress: 6

Articles:

1. Eberharter, Jann and Troy D. Abel. 2021. Salmon, Scale and Governing Two Skagit Rivers: A Literature Review and Research Program. Paper in preparation for submission to *Sustainability*. October 31.
2. Salazar, Debra, Troy D. Abel, Stacy Clauson, and Aran Clauson. 2019. Who gets state environmental justice policy: how, when, and where? Paper in preparation for submission to a journal to be determined.
3. Derrien, Monika, Chris Zuidema, Weston Brinkley, Linn Gould, Paulina Lopez, Maria Batayola, Estela Ortega, Bill Pease, Antares Light, Steve Pratt, Michael Shaw, Roseann Barnhill, Dale Blahna, and Troy D. Abel. 2021. Civic Environmental Justice Science: A research Agenda and Call for Action. Paper in preparation for *Environmental Education Research*.
4. Abel, Troy D., Mark Stephan, and Dorothy Daley. 2020. US polycentricity and 3C climate risk governance. Chapter prepared for a book anthology. Ed. Andreas Thiel, Liz Baldwin, Mark Stephan, and Sergio Villamayor-Tomas. *Competition, Coercion and Cooperation in Environmental Governance*.
5. Abel, Troy D. *Equity in Ecotopia's prism: Sustainability in Cascadia and the Anthropocene*.

INTRAMURAL RESEARCH GRANTS: (20 totaling \$76,718)

1. **\$6,000** awarded in 2021 for the “Interdisciplinary Mentoring for Environmental Justice (IM4EJ) undergraduate experience. WWU Faculty Senate, the Social Justice & Equity Committee (SJEC).
2. **\$996.00** Small Grant Award in 2017 from WWU’s Research and Sponsored Programs to purchase hand-held, blue-toothed crowd-sourcing air pollution monitors for the project on “Measuring Seattle’s Segregated Air Pollution Riskscape.”
3. **\$550.10** Publication support award in 2016 for purchasing books containing the chapter “Risky Business: Sustainability and Industrial Land Use across Seattle’s Gentrifying Riskscape.”
4. **\$248.40** Publication support award in 2016 from WWU’s Research and Sponsored Programs for copyright reprint permission for a figure in the chapter “Streams of Toxic and Hazardous Waste Disparities, Politics and Policy.”
5. **\$1,874.00** Mini-grant award in 2014 from WWU’s Research and Sponsored Programs to purchase Stata and its multilevel modeling extension.
6. **\$1,038.00** Grant-in-Aid award in 2014 WWU’s Research and Sponsored Programs to purchase data for the project on “Unjust sustainability: gentrification, inequitable development, and Seattle’s Riskscape.”
7. **\$2,399.27** Grant-in-Aid award from WWU’s Research and Sponsored Programs for the 2014 project on “Unjust sustainability: gentrification, inequitable development, and Seattle’s Riskscape.”
8. **\$16,019.75** Project Development Award from WWU’s Research and Sponsored Programs for the 2013 proposal development project “Climate Risk Governance and Polycentrism in the US States.”
9. **\$992.00** Small Grant Award in 2011 from WWU’s Research and Sponsored Programs for reprint purchases of the article “Skewed Risksapes and Gentrified Inequities: Environmental Exposure Disparities in Seattle, WA.
10. **\$1,483.59** Small Grant Award in 2011 from WWU’s Research and Sponsored Programs for manuscript preparation support of an article for the *American Journal of Public Health*.
11. **\$1,499.00** Teaching Development Award from WWU’s Research and Sponsored Programs for the 2010 project “Out of the Park: Enhancing an Intercultural Service-Learning Program” in Costa Rica.
12. **\$1,500.00** grant from WWU’s Grant-in-Aid fund, Research and Sponsored Programs (2010) for preparing an index for the manuscript *Coming clean: information disclosure and environmental performance*.
13. **\$5,000.00** Teaching Development Award in 2010 from WWU’s Faculty Development fund and Research and Sponsored Programs to support the development of Greening Business Policy and Practice (ENVS 359), Greening Business Applications (ENVS 466), and the joint degree (Colleges of Environment and Business and Economics) in Business and Sustainability.
14. **\$1,555.00** Grant-in-Aid award from WWU’s Research and Sponsored Programs for the 2009 project “Gentrified risksapes and environmental justice.”
15. **\$3,995.00** Undergraduate Research and Excellence award from WWU’s Foundation for the 2007 – 2008 project “Scarlet Macaw (Ara Macao) Monitoring in Costa Rica’s Carara National Park.” Co-Principal Investigator with Derek Schruhl, Undergraduate Principal Investigator.
16. **\$1,500.00** grant from WWU’s Teaching Enhancement Faculty Development program for the 2007- 2008 project “Macaw Cam: Exploratory camera trap techniques for monitoring and conservation of Scarlet Macaw (Ara macao) nests.”
17. **\$2,318.00** Pilot Project Award from WWU’s Research and Sponsored Programs for the 2007 – 2008 initiative on “Teaching Tropical Conservation Science and Policy: Camera Trap Monitoring of Scarlet Macaw Nests.”
18. **\$750.00** award from WWU’s mini-grant fund, Research and Sponsored Programs. 2007.
19. **\$2,000.00** award from WWU’s Grant-in-Aid fund, Research and Sponsored Programs. 2006 – 2007.
20. **\$1,500.00** UW-Green Bay Grant for Integrating Research and Teaching with Kevin Fermanich. 2004.

TEACHING AND MENTORING

Courses Taught: 38

Undergraduate: 28

- | | |
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| 1. UEPP 498c. Equity for Washington’s Air Quality & Climate Commitments. | Communication. |
| 2. UEPP 302. Environmental Research and | 3. UEPP 355. Environmental Law & Policy. |
| | 4. ENVS 305. Environmental Studies II: History |

Curriculum Vitae (cont.)

Troy D. Abel

and Policy

5. ENVS 498a Environmental Studies Thesis
6. ENVS 498b Environmental Studies Internship
7. ESCI 498c Environmental Science Senior Project
8. ENVS 498c Environmental Studies Senior Project
9. ENVS 450 Science in the Policy Process
10. ENVS 450 US Environmental Policy
11. ENVS 466 Greening Business Applications
12. ENVS 359 Greening Business Policy and Practice
13. ENVS 454 Environmental Policy Analysis
14. ENVS 350 Energy Policy and Politics
15. ENVS 456 Environmental Governance
16. ENVS 304 Environment and Resource Policy
17. ENVS 493 Environmental Impact Assessment
18. POLS 497 Managing International Ecosystem
19. ESTU 437m Rainforest Immersion and Conservation Action
20. ESTU 437n International Biodiversity Conservation
21. ESTU 437o International Environmental Research Experience
22. PUANEF 461 Rainforest Science & Policy
23. PUANEF 406 State and Local Government
24. PUANEF 215 Introduction to Public Administration
25. COMMSCI 301 Foundations of Social Research
26. PUANEF 202 Introduction to Public Policy
27. PUENAF 315 Public and nonprofit management
28. PUENAF Environmental ethics and citizenship

Graduate: 10

1. ENVS 502. Environmental Research & Projects Framework.
2. ESP 6020 Social Science Research Methods
3. RMSED 6020 Social Science Research Methods
4. ENVS&P 752 Environmental Policy and Administration
5. ENVS&P 760 Graduate Social Research Methods
6. ENVS&P 701 Perspectives on Environmental Science & Policy
7. ENVS&P 763 Capstone seminar in environmental science & policy
8. ENSC 511 Environmental Policy
9. ENSC 510 Advanced Environmental Sciences and Policy
10. ENSC 505/506 Environmental Sciences Seminar

MA or MS Chair: 11

1. Drew Slaney, M.A. in Environmental Studies. [Generations of Stewards: Re-Indigenizing Youth Leadership, Learning, and Conservation Education](#). July 27, 2023.
2. Jann Eberharter, M.A. in Environmental Studies. [Who's Nature? Ontological Narrative Dissonance Among Skagit River Fishery Coalitions](#). March 3, 2023. Bellingham, WA: Western Washington University.
3. Katrina Radach, M.A. in Environmental Studies. [Collaborative Ocean Acidification Mapping for A Changing Salish Sea? Transdisciplinary and Transboundary Barriers](#). June 15, 2018. Bellingham, WA: Western Washington University. **One of six graduate students in Washington State selected for the [2018-2019 Washington Sea Grant Fellowship](#).**
4. Alanna Ewert, M.A. in Environmental Studies. [Polycentric solutions for the Skagit Water Wars](#). May 5, 2017. Bellingham, WA: Western Washington University.
5. Stacy Clauson, M.S. in Geography. [Blurred vision? Evaluating the legacy of Puget Sound smart growth](#). November 10, 2016. Bellingham, WA: Western Washington University.
6. Lauren Miller, M.S. in Geography. [Geographies of governance across La Amistad International Park](#). November 21, 2011. Bellingham, WA: Western Washington University.
7. Kathryn Mork, M.S. in Geography. [Assessing the potential for effective collaborative resource management of Costa Rica's Central Pacific Scarlet Macaw population](#). August 8, 2011. Bellingham, WA: Western Washington University.
8. Jennilee Pelc, M.S. in Geography. [Wildlife governance and the politics of transborder commons: the gray wolf case](#). May 12, 2011. Bellingham, WA: Western Washington University.
9. Maureen Zeise, Yutahalelha "She Puts Sunshine on Everything." M.S. in Environmental Science and Policy. *Exploring the eleventh principle of environmental justice: the role of the environment in traditional Haudenosaunee culture*. December 14, 2006. Green Bay, WI: University of Wisconsin Green Bay.

Curriculum Vitae (cont.)

Troy D. Abel

10. Jennifer R. Kelly, M.S. in Environmental Science and Policy. *Environmental service learning: does it have an effect on environmental citizenship?* May 1, 2006. Green Bay, WI: University of Wisconsin Green Bay.
11. Alexandru T. Vasiliev, M.S. in Environmental Science and Policy. *Addressing spatial issues in environmental justice analysis.* January 5, 2004. Green Bay, WI: University of Wisconsin Green Bay.
12. Monica E. Hauck-Wheaton, M.S. in Environmental Science and Policy. *Social capital and Wisconsin's self-help citizen lake monitoring program: the links between one community-based environmental action group and overall community civiness.* December 16, 2003. Green Bay, WI: University of Wisconsin Green Bay.

MA or MS Committee Member: 4

1. Tor Gunnar Guddal, M.S. in Environmental Science. *Airborne particles associated with metal accumulation and biomarker response in lichen.* December 19, 2018.
2. Saba Asefa, M.S. in Geology. [*Biomonitoring in Seattle: spatial variation and source-determining of airborne pollutants in high-traffic areas.*](#) May 1, 2019. Bellingham, WA: Western Washington University
3. Kellee C. Timpson, M.S. in Geography. [*Local land preservation in Washington.*](#) February 26, 2009. Bellingham, WA: Western Washington University.
4. Brett Matulis, M.S. in Geography. [*Costa Rican ecotourism and the \(re\)construction of social-natures on the Osa Peninsula.*](#) May 15, 2008. Bellingham, WA: Western Washington University.

BA Student Thesis, internship or Senior Project Advising: 55

1. Mallory Ekman, Winter 2023. Senior Project.
2. Bryce Groen, Winter 2023. Senior Project.
3. Anneka Herrin, Winter 2023. Senior Project.
4. Amanda Hogue, Winter/Spring/Summer 2023. Senior Project.
5. Alexis Light, Winter 2023. Senior Project.
6. Sarah Miller, Winter 2023. Senior Project.
7. Erik Moreno, Winter 2023. Senior Project.
8. Sarah Safadi, Winter 2023. Senior Project.
9. Sienna Taylor, Winter 2023. Senior Project.
10. Ashton Timour, Winter 2023. Senior Project.
11. Caroline Hamel, Spring/Summer 2022. Senior Project.
12. Madison Branch, Spring/Summer 2022. Senior Project.
13. Nathan Lloyd, Spring/Summer 2022. Senior Project.
14. Nichole Vargas, Winter/Spring 2021. Internship.
15. Katelyn Cowles, Summer 2021. Internship.
16. Katie McWilliams, Summer 2020. Internship.
17. Dawn Weimer, Spring 2020. Senior Project.
18. Jacob Carelson, Spring 2019. Internship.
19. Alana Fiske, Spring 2019. Internship.
20. Carmen Smith, Spring 2019. Internship.
21. Benjamin Persyn, Spring 2019. Internship.
22. Debbie Weinmann, Spring 2019. Internship.
23. Kylee Butler, Spring 2019. Internship. **One of seven undergraduates selected as WWU's Presidential Scholar.**
24. Donny Neel, Winter 2019. Internship.
25. Amy Smalley, Fall 2018. Internship.
26. Annemarie Davis, Spring 2018. Internship.
27. Demaree Trull, Spring 2018. Senior Project.
28. Jill Needham, Spring 2018. Senior Project.
29. Eurydice Pentz, Winter 2018. Undergraduate Thesis. **One of 25 from 160 undergraduates selected as an Outstanding Poster for WWU's 2018 Undergraduate Scholars Showcase Competition.**
30. Alyssa Rehwal, Fall 2017. Undergraduate Thesis.

31. Thomas Hunter, Summer 2016. Senior Project. **One of 25 from 160 undergraduates selected as an Outstanding Poster for WWU's 2016 Undergraduate Scholars Showcase Competition.**
32. Lauren Templeton, Summer 2016. Senior Project.
33. Zsolt Strieker, Summer 2016. Senior Project.
34. Taylor Obata, Fall 2015. Senior Project.
35. Jason Fiorentini, Summer 2015. Senior Project.
36. Patrick Hayden, Winter 2015, Internship.
37. Katherine Kepler, Spring 2014. Internship.
38. Kari Klaas, Spring 2014. Internship.
39. Jason Rodriguez, 2014. Internship.
40. Hayden Richardson, Spring 2014. Internship.
41. Stephanie Tischner, Spring 2014. Internship.
42. Megan Sarver, Summer 2012. Senior Project.
43. Robert Sabie Jr., Summer 2011. Senior Project. **Awarded student runner-up project for the 2011 U.S. Environmental Protection Agency's "Apps for the Environment" Challenge.**
44. Daniel Kostek, completed, Fall 2011. Senior thesis.
45. Jacqueline Quarre, Fall 2011. Senior thesis.
46. Casey Rogers, 2011. Senior thesis.
47. Jarrett Wheeler, 2011. Senior thesis.
48. C.J. Conner, Spring 2009. Senior Project.
49. Devon Gilliland, Spring 2009. Senior Project.
50. Erin Green, Spring 2009. Senior Project.
51. Corey Havens, Spring 2009. Senior Project.
52. Andrea Johnson, Spring 2009, Honors thesis.
53. Derek Schruhl, Winter 2009, Senior thesis.
54. Emily Green, Spring 2008. Senior thesis. **College of the Environment recipient for outstanding thesis: "A Comparison of Washington State and Oregon Hazardous Waste Policies and Enforcement."**
55. Nathan White, Spring 2008. Senior project. **Department of Environmental Studies scholar award winner.**

TEACHING DEVELOPMENT ACTIVITIES

1. Advisor for 2022 and 2023 winners in the EPA's video challenge on Environmental Justice. Graduate students Drew Slaney and Allison Hayes shared \$6,000 for their Phase 1 2022 [IM4EJ @ WWU video](#). A WWU led team won \$12,500 and honorable mention in Phase II of the contest for their [DRIVERS4EJ video](#). Awardees included Graduate student Drew Slaney, UW Nursing students Jenny Meyer and Rudi Mondragon and South Seattle young adults Isebella Bergsma, Cianna Bergsma-Galarosa, Christopher Castro, AJ Cooper, Guadalupe Sanchez, Alexis Sorm, Randall Thall, Wala Abdin, Montana Siddle, Nicole Araya, Naythan Ramos, and Issaiah Cummins.
2. Co-instructor for the five session Duwamish River Valley for Environmental Justice Solutions (DRIVERS4EJ) leadership academy. October 11, 18, 25, Nov 1, and Nov 15.
3. Facilitator for the six session Duwamish River Valley for Environmental Justice (DRIVER4EJ) leadership academy. August 11, 13, 18, 20, 25, 27, 2020.
4. Facilitator for the Duwamish Valley Youth Corps study of air pollution disparities with a moss bioindicator. May – June, 2019.
5. Organizer in collaboration with Cleveland High School teachers of a 4-day Environmental and Health Justice Leadership Program. August 14 – 17, 2018.
6. Selected for the 2014 Faculty Development Summer Grant for WWU's Center for Instructional Innovation & Assessment hybrid learning workshop.
7. Participant in the 2009 Faculty Writing Instruction Workshop—Retreat offered through WWU's office of Writing Instruction Program and the Vice Provost for Undergraduate Education.
8. **\$600.00** UW-Green Bay Faculty Research Council Grant in Aid of Research, Fall 2003. "Sustainable Manufacturing: towards safer and cleaner production." This grant supported undergraduate Jenny Faubert who

later became one of two UW-Green Bay students funded by a National Science Foundation Research Experience for Undergraduates supplemental grant.

9. **\$7,122.00** matching grant for a European environmental exchange development from the Illinois Board of Higher Education, 2000-2001.
10. **\$1,000.00** proposal development grant from Southern Illinois University—Edwardsville’s Graduate Studies, 1999-2000.

SCHOLARLY SERVICE ACTIVITIES

1. Pacific Northwest Political Science Association Public Policy section Chair 2021-2022. Recruited presentations from 10 scholars for 3 panels in 2022 and 1 panel in 2021.
2. Pacific Northwest Political Science Association panel organizer 2021. November 11 – 13. **Environmental Politics and Policy II**. Chair & Discussant: Erika Allan Wolters, Oregon State University; (1) Thomas Campbell, Boise State University, Climate shocks and violent conflict incentives: Evidence from the Indian sub-continent; (2) Kate Darby, Associate Professor, Western Washington University, “#Stinkburgh: Sensory experiences and environmental justice; and (3) Jann Eberharter, MA Candidate, Western Washington University, Salmon restoration and recognition injustices for Salish Tribes: Exploring colonial narratives for the Skagit river.
3. Pacific Northwest Political Science Association roundtable organizer 2021. November 11 – 13. **Governance and policy lessons from our triple climate, covid, and racism crises**. (1) Mark Stephan on Climate Risk Governance, Associate Professor, School of Politics, Philosophy, and Public Affairs, Washington State University; (2) Wendy Prosser on Governing Covid’s Global Vaccine Distribution, Senior Technical Advisor, Immunization Supply Chain, John Snow Inc.; and (3) Damani Johnson on Institutional Racism, Retired, Ralph Munro Distinguished Professor of Civic Education, Department of Political Science, Western Washington University.
4. Co-organizer with Jonah White for three panels on “Sustainability’s Environmental Justice Dilemmas.” Annual Meetings of the American Association of Geographers. Virtual. April 7-11. Seattle, WA.
5. Panel organizer and chair for the 2019 Western Political Science Association meetings on “The Politics of Climate Change” with papers by Saatvika Rai from the University of Toledo, Ellen Rogers and Mark Stephan from Washington State University Vancouver and Dorothy Daley from the University of Kansas. April 18-20, San Diego, CA.
6. Panel discussant for the 2019 Western Political Science Association meetings. April 18-20, San Diego, CA.
7. Panel chair for the 2018 Pacific Northwest Political Science Association. November 7-9, Bend, OR.
8. Organizer of three panels for the 2017 Association of American Geographers meeting on the “Environmental Justice Dimensions of Urban Greening” with Hamil Pearsall, Jonah White, and Isabelle Anguelovski. April 5, Boston, MA.
9. Panel chair of “Environmental Justice and Equity: Lessons for a More Equitable Society” at the 2015 Annual Association for Public Policy Analysis and Management (APPAM) Fall Research Conference. November 12-14, Miami, FL.
10. Invited discussant for the US Environmental Protection Agency’s “TRI Vision 2020” webinar seeking input on the Toxics Release Inventory (TRI) user needs and expectations in the future. October 7, 2015.
11. Appointed to the US Environmental Protection Agency’s Science Advisory Board (SAB) as an expert panelist reviewing the *Draft Technical Guidance for Assessing Environmental Justice in Regulatory Analysis*. 2013-2015.
12. Contributor to *Taking Stock: North American Pollutant Releases and Transfers*, Vol. 14. 2014. Montreal, Canada: Commission on Environmental Cooperation.
13. Panel chair of “Hot Energy and Environmental Programs” at the 2014 annual meetings of the Western Political Science Association. April 17-19, Seattle, WA.
14. Panel discussant for “State Politics & Policy” at the 2014 meetings of the Western Political Science Association. April 17 – 19, Seattle, WA.
15. Co-organizer with Steven Hollenhorst for the symposium “Environmental Performance Disclosure and Climate Risk Governance” held during the *Building Climate Solutions* National Conference and Global Forum on Science, Policy and the Environment. January 28-30, Washington, D.C.

Curriculum Vitae (cont.)

Troy D. Abel

16. Advisor for preparation of the North American Commission on Environmental Cooperation's 2013 *Taking Stock* report.
17. Invited expert for the 2012 North American Commission on Environmental Cooperation's Joint Public Advisory Committee (JPAC) workshop on Reducing Ecosystem Vulnerability, Responding to Community Needs: Tools and Information for North American Action. December 13-14, Merida, Mexico.
18. Invited expert for the 2012 North American Commission on Environmental Cooperation's development of a framework document to assist communities in the characterization of vulnerability to environmental contamination." November 1-2, Toronto, Canada,
19. American Editor for the *International Journal of Environment and Pollution*, 2005-present.
20. Editorial board member of the *International Journal of Global Environmental Issues*, 2005-present.
21. Referee for *Journal of Environmental Studies and Sciences*, *Sustainability*, and *Publius*, 2021.
22. Referee for the *Journal of Environmental Management*, 2020.
23. Referee for *Environmental Science and Policy*, 2019.
24. Referee for *Social Forces*, *State and Local Government Review*, and *Sustainability*, 2018.
25. Referee for the *Policy Studies Journal*, 2012 and 2016.
26. Referee for the National Science Foundation, 2010, 2015.
27. Referee for MIT Press, 2014.
28. Referee for the journal *Local Environment*, 2010.
29. Referee for the journal *Society and Natural Resources*, 2006.

UNIVERSITY SERVICE ACTIVITIES

Western Washington University

1. Abel, Troy D. and James Miller. 2023. Joint class of UEPP 502 Environmental Law and Policy and UEPP/CAM 369 Settler Cities. Presented "Tribal Sovereignty Moments" on April 20.
2. Abel, Troy D. 2022. Seattle's segregated riskscape. Invited presentation for Dr. James Miller's class on Social Justice and the City. July 14th. Bellingham, WA.
3. Abel, Troy D. 2022. Is the Regional Greenhouse Gas Initiative (RGGI) the most advanced energy policy in the US? Invited presentation for Dr. Xi Wang's Advanced Energy Policy class. February 17. Bellingham, WA.
4. Selected for MA in Environmental Studies Graduate Committee representing the Dept. of Urban and Environmental Planning and Policy. 2021-2022.
5. Selected for WWU's College of the Environment's Personnel Committee.
6. Selected for WWU Library's Undergraduate Research Award review committee. 2019.
7. Selected for two terms as the Outreach or Extension Site representative on the Senate Extended Education Committee. 2017-2021.
8. Department of Environmental Studies Discretionary Fund Subcommittee. 2017 – 2019.
9. College of the Environment Policy By-laws subcommittee. Chair, Fall 2015 – Spring 2016.
10. College of the Environment Policy committee. Member, Fall 2015 – Spring 2016.
11. Guest speaker for Professor Berardi's fall 2015 Introduction to Environmental Studies graduate seminar (ENVS 501), November 2.
12. Environmental Studies committee on Distance Learning. Member, Fall 2014 - present.
13. Guest speaker for Professor Rossiter's fall 2014 Introduction to Environmental Studies graduate seminar (ENVS 501), November 14.
14. Guest speaker for Olympic College Professor Amy Lawrence's fall 2014 Environmental Issues course (BIOL 140), November 5.
15. Search committee member for the WWU Poulsbo Center Operations Director. Winter 2014.
16. Guest speaker for Professor Rossiter's fall 2012 Research and Writing course (ENVS 319), November 28.
17. Selected as College of the Environment's representative on WWU's Academic Coordinating Commission (ACC), 2011 – 2013.
18. Selected as College of the Environment's representative for WWU's Committee on Undergraduate Education (CUE), 2011-2013.
19. Member of the Curriculum Committee for the Karen W. Morse Institute for Leadership. 2010.

Curriculum Vitae (cont.)

Troy D. Abel

20. Contributor to a new Business Sustainability undergraduate degree program approved in 2010 for the College of Business and Economics at WWU.
21. Guest speaker on “Geography, Justice and Public Policy” for EGEO 501, History and Philosophy of Geography, October 29, 2009 and “Beyond the Ivory Tower” on November 16, 2012.
22. Member of the Minor in International Studies Curriculum Committee organized by the Center for International Studies at WWU, 2008-2009.
23. Member of College of the Environment’s Academic Technology Committee, 2006-2010.
24. Invited speaker for the campus “Consultation Session on Study Abroad” sponsored by the Center for International Studies at Western Washington University, 2008.
25. Guest speaker for Anthropology 465, Peoples of Mexico and Central America on “Rainforest trouble: conservation and action in Costa Rica.” October 27, 2008.
26. College of the Environment Colloquium speaker on “Rainforest Immersion: Conservation Action through Service, Education, and Research.” October 3, 2008, Bellingham, WA.
27. Participant in WWU’s Center for Service Learning committee on International Service Learning, 2007.
28. Panelist for WWU’s Discovery Days, October 12, 2007.

UW-Green Bay

29. Appointed Co-Chair of the Joint UW-Green Bay and St. Norbert’s College International Visiting Scholars Program Steering Committee by Provost Sue Hammersmith, 2004-2006.
30. Nominated and appointed to the Lake Michigan Forum; a U.S. EPA stakeholder advisory group providing public input on the Lake Michigan Lakewide Management Plan (LaMP), 2003-2006.
31. UW-Green Bay International Education Board of Advisors, Member, 2002-2003.
32. UW-Green Bay International Education Strategic Planning Group, Member, 2002-2003.
33. UW-Green Bay Faculty Development Council, Member, 2002-2003.
34. UW-Green Bay Library and Instructional Technology Committee, Chair, 2002-2003.
35. Founders’ Association Outstanding Thesis Award Committee, 2002.

Southern Illinois University Edwardsville

36. Political Science Search Committee, 2000-2001.
37. Political Science Internship Committee, 1999-2000.

COMMUNITY SERVICE ACTIVITIES

1. Interviewed for *Seattle Times* and quoted in Isabella Breda’s story “[UW study shows Seattle’s historically redlined communities have worse air quality.](#)” July 6, 2023. Reprinted in [The Spokesman-Review on July 8, 2023.](#)
2. Interviewed for *Women’s Media Center* and quoted in Lauren Wolfe’s story “[Ecotopia’s Dirty Secrets and Their Untapped Potential Cure.](#)” February 17, 2021.
3. Interviewed for the *Georgetown Gazette* and quoted in Steve Lannen’s story “Multiple toxic metals found in moss.” November 2022.
4. Invited presentation about the Duwamish Valley Youth Corp (DVYC) “Moss and Metals Screening Study” to the Georgetown Community Council. Nov 21, 2022.
5. Invited presentation about the Duwamish Valley Youth Corp (DVYC) “Moss and Metals Screening Study” to the South Park Neighborhood Association. Nov 7, 2022.
6. Interviewed for Q13 FOX news about [air quality stagnation and public health worries for the Duwamish Valley.](#) January 25, 2022.
7. Interviewed for a KIRO 7 episode of *Western Washington Gets Real* dedicated to difficult conversations about systemic racism. [Dangerous Air: Duwamish Valley residents highlight concerns over the air they breathe.](#) March 26, 2021.
8. Technical Advisor for the Duwamish River Cleanup Coalition, Seattle, WA. 2020.
9. Research Mentioned in a 2019 *Crosscut* article “[South Seattle residents want greener neighborhoods — without more gentrification.](#)”
10. Volunteer mentor for Cleveland High School’s environmental club and the Eagle Air Watch community science project. 2017.

Curriculum Vitae (cont.)

Troy D. Abel

11. Volunteer mentor for Cleveland High School's ninth-grade class project on "Cumulative Health Impact Analysis" (CHIA). 2017-2018.
12. Featured in a 2018 KUOW and EarthFix story titled "[These South Seattle teens are taking on the nation's aviation regulators.](#)" Feb. 6.
13. Featured in a 2011 *Seattle P-I* story titled "[Is Seattle creating ghettos of poverty and pollution?](#)" Tuesday, September 20.
14. Curriculum advisor, Instructor and Program Evaluator for the Carbon Masters community education program offered by Washington State University-Extension's Whatcom County Office, 2008-2010.
15. Guest Columnist for *The Bellingham Herald*, "EPA's attention is in the wrong place," with Mark Stephan, January 1, 2007.
16. Letter to the editor in *The Seattle Times*, "Surviving exposure: the people don't want to be protected from toxic information," with Mark Stephan, January 2, 2007.

PROFESSIONAL SOCIETIES

American Political Science Association.

Association of American Geographers.

Association of Public Policy Analysis and Management.

Pacific Northwest Political Science Association.

Western Political Science Association.