**ELIZABETH S. BARRON**

Department of Geography

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**PROFESSIONAL APPOINTMENTS**

Associate Professor, Norwegian University of Science and Technology (NTNU). Department of Geography. (2019 – present)

Associate Professor, University of Wisconsin – Oshkosh. Department of Geography & the Environmental Studies Program (2019 – 2020)

Assistant Professor, University of Wisconsin – Oshkosh. Department of Geography & the Environmental Studies Program (2013 – 2019).

Coordinating Lead Author on the Assessment on the Sustainable Use of Wild Species, Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES) (2018 – 2021).

Associate Director, University of Wisconsin – Oshkosh. Sustainability Institute for Regional Transformations (2017-2019).

Visiting Researcher, Oslo Metropolitan University (June – August 2018).

Affiliated Faculty, University of Wisconsin – Madison. Nelson Institute for Environmental Studies. (2017-present).

Postdoctoral Fellow, Harvard University. Joint appointment in the Program on Science, Technology and Society at the Harvard Kennedy School of Government & the Department of Organismic and Evolutionary Biology (2010-2013)

**EDUCATION**

Ph.D. 2010 Rutgers University, Department of Geography

Dissertation title: “Situated Knowledge and Fungal Conservation: Morel Mushroom Management in the Mid-Atlantic Region of the United States.”

Fields of Study: Cultural and political ecology, biogeography, economic geography, geographies of science.

Advisor: Richard A. Schroeder.

M.S.2005 University of Massachusetts Amherst, Department of Environmental Conservation

Thesis topic: “Forest Stand Dynamics and Plant Succession in Upland Communities of Cape Cod National Seashore.”

B.S.1997 University of Wisconsin-Madison. Double Major: Conservation Biology & Anthropology

**Publications**

**Peer Reviewed Journal Articles:**

Barron, E.S., F. Hagemann and L. Hartman. 2020*.*“From Place to Emplacement: The Scalar Politics of Sustainability.” *Local Environment 25(6):* 447-462.

RaatikainenK.J. and **E.S. Barron**. 2017*.* “Current agri-environmental policies dismiss varied perceptions and discourses on management of traditional rural biotopes.” *Land Use Policy* 69: 564-576.

Van Auken, P., **E.S. Barron**, C. Xiong, C. Persson. 2016. “’Like a Second Home’: Conceptualizing Experiences Within the Fox River Watershed Through a Framework of Emplacement.” *Water* 8: 352. doi:10.3390/w8080352.

Barron, E.S., C. Sthultz, D. Hurley, and A. Pringle. 2015.“Names Matter: Interdisciplinary Research on Taxonomy and Nomenclature for Ecosystem Management.” *Progress in Physical Geography* 39(5): 640-660.

Heilmann-Clausen, J., P. Halme, **E.S. Barron**, L. Boddy, A. Dahlberg, G. Griffith, J. Nordén, O. Ovaskainen, C. Perini, B. Senn-Irlet. 2015*.* “Taking Fungi into Account Delivers Biodiversity Conservation Benefits.” *Conservation Biology* 29(1): 61-68.

Lave, R., M. Wilson, **E.S. Barron**, C. Biermann, M. Carey, C. Duvall, L. Johnson, K. Lane, N. McClintock, D. Munroe, R. Pain, J. Proctor, B. Rhoads, M. Robertson, J. Rossi, N. Sayre, G. Simon, M. Tadaki, and C. VanDyke. 2014. “Critical Physical Geography.” *The Canadian Geographer/Le Géographe Canadien* 58(1): 1-10.

Barron, E.S. and M.R. Emery. 2012. “Implications of Variation in Social-Ecological Systems for the Development of United States Fungal Management Policy.” *Society and Natural Resources* 25(10): 996-1011.

Barron, E.S. 2011. “The Emergence and Coalescence of Fungal Conservation Social Networks in Europe and the U.S.A.” *Fungal Ecology* 4(2): 124-133.

Pringle, A., **E.S. Barron**, K. Sartor, and J. Wares. 2011. “Fungi and the Anthropocene: Biodiversity Discovery in an Epoch of Loss.” *Fungal* *Ecology* 4(2): 121-123.

Emery, M.R. and **E.S. Barron**. 2010. “Using Local Ecological Knowledge to Assess Morel Decline in the U.S. Mid-Atlantic Region.” *Economic Botany* 64(3): 205-216.

Barron, E.S. and W.A. Patterson III. 2008. “Monitoring the Effects of Gypsy Moth Defoliation on Forest Stand Dynamics on Cape Cod, Massachusetts: Sampling Intervals and Appropriate Interpretations.” *Forest Ecology and Management* 256: 2092-2100.

Barron, E.S. 2005. “Beyond Green Capitalism: Providing an Alternative Discourse for the Environmental Movement and Natural Resource Management.” *Middle States Geographer* 38: 69-76.

**Book Chapters:**

Barron, E.S. *Forthcoming.* “Emplacing Sustainability in a Post-Capitalist World.” In: *Cambridge Handbook of Environmental Sociology*, Legun, K., J. Keller, M. Carolan, and M. Bell, eds. Cambridge: Cambridge University Press.

Barron, E.S. and Hess, J. 2020*.* “Non-human ‘labor’: the work of earth others.” In: *The Handbook of Diverse Economies*. Gibson-Graham, J.K. and K. Dombroski, eds. Cheltenham: Edward Elgar Publishing. Pp. 163-169.

Barron, E.S. 2018. “Who Values what Nature? Constructing Conservation Values with Fungi.” In: *The Handbook of Critical Physical Geography*. Lave, R. et al., ed. London: Palgrave.

Barron, E.S. 2017. “Who Cares? The Human Perspective on Fungal Conservation” In: *The Fungal Community: It’s Organization and Role in the Ecosystem*, 4th edition. Dighton, J., J.F. White Jr., and P. Oudemans, eds., London: CRC Press.

Barron, E.S. 2015*.* “Situating Wild Product Gathering in a Diverse Economy: Negotiating Ethical Interactions with Natural Resources.” In: *Making Other Worlds Possible:* *Performing Diverse Economies*, Roelvink, G., K. St. Martin and J.K. Gibson-Graham, eds., Minneapolis: University of Minnesota Press. pp. 173-193.

**Works in Progress:**

Barron, E.S. “Biopolitics of the body-less: Genetic species and the remaking of conservation.” *Environmental Conservation.*

Barron, E.S. *Emplaced Sustainability*. Book manuscript under contract with Palgrave McMillian for delivery in December, 2021.

**White Literature, commentaries, book reviews, other:**

Barron, E.S. 2014. “Adjusting the Depth of Field on Stream Restoration: Observing the Rise of Neoliberal Para-Science.” *Science as Culture*23(3): 369-374.

Barron, E.S., L. Drake and O. Morrow. 2014. “Introduction to the [book] symposium” On: *Take Back the Economy: An Ethical Guide for Transforming Our Communities*, by: Gibson-Graham, J.K., J. Cameron and S. Healy. *Social & Cultural Geography*, DOI: 10.1080/14649365.2014.916981

Barron, E.S. 29 July 2013. “DNA: It’s Not Just for Life Anymore.” Published online at: http://stsnext20.org/vignettes/

Money, Nicholas. 2011. *Mushroom* [book review]. New York, NY: Oxford University Press. *Inoculum* 63(2): 23-24.

Barron, E.S. and M.R. Emery. 2009. “Protecting Resources: Assessing Visitor Harvesting of Wild Morels in Two NCR Parks.” Natural Resources Technical Report NPS/NCR/NCRO/NRTR – 002/2009. Washington, DC.

Barron, E.S. and W.A. Patterson III. 2003. Fire Management Plan for Narragansett Tribe of Charlestown, RI.  Government report. Department of Environmental Conservation, University of Massachusetts Amherst.

**Grants, Fellowships and Awards**

2018 **UW Oshkosh Faculty Development Program:** Off-campus component

2017 **UW Oshkosh Faculty Development Program**: Research grant

2016 **UW Oshkosh Faculty Development Program**: Course release to support faculty research

2016 **UW Oshkosh Faculty Development Program**: Small grants research award

2016 **UW Oshkosh Faculty Development Program**: Teaching grant

2015 Nominated for Faculty/Instructional Academic Staff Advisor Award

2015 **UW Oshkosh Faculty Development Program**: Student-faculty research grant

2011-‘14 **National Science Foundation**. Science and Technology Studies Program. Post-Doctoral Fellowship: “From Morphology to Percent Nucleotide Identity: Species-based Conservation Science and Policy in the Genomics Era.” (NSF #1127269). With Anne Pringle, Organismic and Evolutionary Biology, Harvard University ($120,000)

2013 **Julie Graham Community Economies Research Fellowship** to participate in the 2013 Community Economies Theory and Writing Retreat in Bolsena, Italy

2012 **Harvard University**. Postdoctoral Award for Professional Development

2007-‘10 Canon National Parks/**AAAS Science Scholars Program**. Canon Scholarship ($80,000)

2008 **Rutgers University**. Conference travel award

2007 **Andalusia Regional Government**: Ministry of the Environment. Travel grant

2007 **Mycological Society of America**. Travel grant

2007 **Rutgers University**. Graduate School Special Study Travel Award

2007 **Association of American Geographers**. Dissertation Research Grant

2004-‘07 Graduate Research Assistantship, Department of Geography, Rutgers University. ($83,000 plus tuition and benefits.) Funded through “Protecting Resources: Assessing Visitor Harvesting of Wild Morel Mushrooms in Two National Capital Region Parks.” grant received from the **National Park Service** by Richard Schroeder, Department of Geography, Rutgers University; and Marla Emery, U.S. Forest Service

2006 **Rutgers University**. Conference travel award

**PresentationS**

**Sessions Organized, chaired, and/or discussed:**

2019 Chair, “Workshop on the future of sustainability research in Norway” SDG Conference Bergen, Bergen, Norway.

2019 Organizer and Chair, “Emplacement: A multidisciplinary dialogue in place-based sustainability,” International Symposium on Society and Resource Management,” International Association for Society and Natural Resources Annual Meeting, Oshkosh, WI.

2018 Panelist, “Diverse Economies and Liveable Worlds III: Diverse forms of surviving well together - towards connecting and amplifying local practices,” American Association of Geographers Annual Meeting, New Orleans, LA.

2017 Co-organizer and Chair, “Analytics for the Anthropocene: Socioecological futures and Scale,” Association of American Geographers Annual Meeting, Boston, MA.

2017 Co-organizer and Discussant, “Reading Sustainability for Difference: Place, Community and Development,” Dimensions of Political Ecology Conference, Lexington, KY

2015 Chair, “Making Other Worlds Possible VII: How Values, Ethics, and Commons Practices (Re)Format Markets and Economies,” Association of American Geographers Annual Meeting, Chicago, IL.

2015 Panelist, “Making Other Worlds Possible X: Diverse Economies Inside and Outside the Academy,” Association of American Geographers Annual Meeting, Chicago, IL.

2013 Co-organizer and Chair, “Interrogating Constructions of Biodiversity for 21st century Challenges,” Association of American Geographers Annual Meeting, Los Angeles, CA.

2013 Discussant, “Q Method in Human-Environment Research,” Association of American Geographers Annual Meeting, Los Angeles, CA.

2013 Panelist, “Take Back the Economy V: A Pedagogy for Activist Geography,” Association of American Geographers Annual Meeting, Los Angeles, CA.

2012 Co-organizer, “Integrating Mycological Knowledge into European Conservation Biology, Policy and Practice,” Symposium at the 3rd European Congress of Conservation Biology.

2010 Panelist, “Pragmatic Critique and Critical Engagement in Human-Environment Research,” Association of American Geographers Annual Meeting, Washington, DC.

2008 Co-organizer, “Diverse Economies and Political Ecology,” Association of American Geographers Annual Meeting, Boston, MA.

**Conference Paper Presentations (*authors listed only when multiple*):**

2019 “From place to emplacement: The scalar politics of sustainability,” (with L. Hartman and F. Hagemann) International Symposium on Society and Resource Management, Oshkosh, WI.

2019 “From place to emplacement: The scalar politics of sustainability” (with L. Hartman and F. Hagemann) Leverage Points 2019: International Conference on Sustainability Research and Transformation, Lüneburg, Germany.

2018 “Biopolitics of the Body-less: Metagenomics and a conservation of abundance,” American Association of Geographers Annual Meeting, New Orleans, LA.

2017 “From Place to Emplacement: The Scalar Politics of Sustainability,” Association of American Geographers Annual Meeting, Boston, MA.

2014 “Biopolitics of the Body-less: Metagenomics and the Remaking of Conservation,” Association of American Geographers Annual Meeting, Tampa, FL.

2013 “Producing Science Beyond the Laboratory: the Creation of Epistemic Authority through Political Engagement,” Association of American Geographers Annual Meeting, Los Angeles, CA.

2012 “Practicing Epistemological Pluralism for Adaptive Co-management and Conservation,” (with C. Sthultz, D. Hurley and A.Pringle) 3rd European Congress of Conservation Biology, Glasgow, Scotland.

2011 “Using Local Ecological Knowledge for Fungal Conservation Policy and Decision Making,” (with C. Sthultz, D. Hurley and A.Pringle) XVI Congress of European Mycologists, Halkidiki, Greece.

2011 “(Re)envisioning Nontimber Forest “Products” and Economic Practice,” (with M. Emery) Association of American Geographers Annual Meeting, Seattle, WA.

2010 “Social-Ecological Systems and Cross-Scale Dynamics: Developing Scale Appropriate Policies for Nontimber Forest Products,” (with M. Emery) Association of American Geographers Annual Meeting, Washington, DC.

2009 “Saving the Macromycetes: Emerging Models of Fungal Conservation in Europe,” Association of American Geographers Annual Meeting, Las Vegas, NV.

2008 “Foraging for Identity: Theorizing a New Social Space for Mushroom Hunters in the mid-Atlantic,” (with M. Emery) Association of American Geographers Annual Meeting, Boston, MA.

2007 “An Applied Model for Macrofungi Conservation: Fungal Management in U.S. National Parks,” (with J. Dighton) XV Congress of European Mycologists, St. Petersburg, Russia.

2007 “Protecting Resources, Protecting Livelihoods: Contributions of Traditional Ecological Knowledge to the Development of Scientific Policy,” George Wright Society biennial meeting, St. Paul, MN.

2006 “Protecting Resources, Protecting Livelihoods: The Role of Traditional Ecological Knowledge in Sustainable Morel Mushroom Harvesting in the mid-Atlantic Region,” Association of American Geographers Annual Meeting, Chicago, IL.

2005 “Beyond Green Capitalism: Providing an Alternative Discourse for the Environmental Movement and Natural Resource Management,” Middle States Division, Association of American Geographers Annual Conference, Chautauqua, NY.

**Invited Lectures, Workshops and Public Talks**

2018 Wisconsin Mycological Society, Milwaukee, WI. Invited lecture.

2017 Dean’s Symposium, College of Letters and Science, UW Oshkosh. Invited lecture.

2016 Biology Colloquium, Botany and Zoology departments. UW Madison. Invited lecture.

2015 *Critical Physical Geography AAG Pre-Conference*. Session Organizer.

2013 Geo-Quest Lecture Series, Department of Geography and Urban Planning. UWO. Invited lecture.

2012 *MassMyco: A regional meeting of fungal biologists in Massachusetts and surrounding states*. Speaker.

2012 *(In)determinate Subjects Workshop.* Lancaster University, Lancaster, UK. Speaker and participant.

2012 Swiss Federal Institute of Aquatic Research (EAWAG), Dübendorf, Switzerland. Invited lecture.

2008 Rutgers University – Camden, NJ. Invited lecture to undergraduate mycology course.

2008 Ursinus College, Collegeville, PA. Invited lecture to environmental studies course.

2007 Teachers as Scholars Professional Development Lecture Series, Graduate School of Education, Rutgers University, New Brunswick, NJ. Invited lecture on conducting university research.

2007 Brown Bag Seminar, Department of Geography, Rutgers University, New Brunswick, NJ.

2007 Forest Research, Northern Research Station, Midlothian, Scotland. Invited lecture.

2007 The Mycological Association of Washington, D.C. Public talk.

2007 The Potomac Valley Audubon, Shepherdstown, WV. Public talk.

2007 Thorpewood: A mountain retreat for at risk youth, Thurmont, MD. Public talk.

2007 Little Orleans, MD Fire Hall Community Meeting. Public talk.

2005 USDA Beltsville, MD Agriculture Research Center (BARC), Systematic Botany and Mycology Lab. Invited lecture.

**Posters**

2015 “Comparing Local Ecological Knowledge and State Management of Nontimber Forest Products” (Fiedler, K. & **E.S. Barron**). Association of American Geographers Annual Meeting, Chicago, IL, USA

2014 “The Management and Significance of Traditional Rural Biotopes from the Perspective of Susainable Development” (K.J. Raatikainen, P. Halme, M. Mönkkönen and **E.S. Barron**). European Congress on Ecological Restorations, Oulu, Finland.

2014 “The Management and Significance of Traditional Rural Biotopes from the Perspective of Sustainable Development” (K.J. Raatikainen, P. Halme, M. Mönkkönen and **E.S. Barron**). Permanent European Conference on the Study of the Rural Landscape, Gothenburg, Sweden.

2009 “Managing Morel Mushrooms in the Mid-Atlantic Region of the United States” (E.S. Barron, M.R. Emery & G. Mora-Bourgeois). George Wright Society biennial meeting, Portland, Oregon, USA.

2007 “Managing and Conserving Wild Edible Species Through Collaboration with Harvesters” (E.S. Barron & J. Dighton). 1st World Conference on the Conservation and Sustainable Use of Wild Fungi, Cordova, Spain. (By invitation).

**research and Professional Experience**

2018-2021 Member of Indigenous Local Knowledge Liaison Group, IPBES Assessment on the Sustainable Use of Wild Species

2016 Attended week long seminar, “Civic Engagement in Action: The Stewardship of Public Lands” co-hosted by The American Association of State Colleges and Universities (AASCU) and the Yellowstone Association Institute, Yellowstone National Park, WY, USA.

2011-2012 Reader. Princeton Review. Advanced Placement Human Geography

2002-‘03 Graduate Assistantship, University of Massachusetts Amherst. Amherst, MA, USA

2001, 2002 Biological Technician, Natural Resources Division, Cape Cod National Seashore, National Park Service. Wellfleet, MA, USA

2000-‘01 Project Supervisor for Elk Exclosure Research Project, Natural Resources Division, Bandelier National Monument, National Park Service. Los Alamos, NM, USA

1999 Team Coordinator, Peace Corps. Niger, West Africa

1997-‘99 Environmental Educator, Peace Corps. Niger, West Africa

1997 Research Assistant, Department of Forestry, University of Wisconsin-Madison. Madison, WI, USA

**TEACHING**

**Graduated Masters and PhD Students**

Elisabeth Solheim, Masters in Geography, NTNU, 2020.

Kaisa Raatakainen, Ph.D. student in Biology at University of Jyväskylä, Finland, 2017.

Frederik Hagemann, M.Sc. student in Human Ecology: Culture, Power and Sustainability program at Department of Human Geography, University of Lund, Sweden, 2016.

**Current Masters and PhD Students**

Anya Márjá Nystø Keskitalo, Masters in Geography, NTNU

Courtney Elizabeth Killion, Masters

Ali Awudu Iddriss, Masters in Natural Resource Management, NTNU

Anke Sommer-Lilleenget, Masters in Globalization, NTNU

Julie Milsen Berg

**Mentoring (students and fellows for which I played a primary mentor role):**

 Sara Krafft, (2020 B.S. Geography, NTNU)

Dr. Penny Mograbi (Postdoctoral fellow, Rhodes University, South Africa. I am mentoring Penny through the IPBES Fellows Program as part of the Assessment on the Sustainable Use of Wild Species)

 Karmen Fiedler (2015 B.S. Geography, UW – Oshkosh).

 Emily Husar-Martin (2016 B.S. Environmental Studies, UW – Oshkosh).

**Courses Taught:**

2020- Department of Geography, NTNU

 Geography 2023: Local and Global Perspectives on the Environment and Resource Management

 Geography 3053: Discourses of Development and Globalisation (graduate level)

2013-2019 Department of Geography and Urban Planning and Environmental Studies Program, University of Wisconsin Oshkosh:

 GEOG 121 Labs: Weather & Climate

 GEOG 202: Human Geography

 GEOG 311: Economic Geography

 GEOG 314: Environmental Conservation

 GEOG 402: Geography Field Methods: Field course to Yellowstone National Park S’18

 GEOG 446: Independent Study

 GEOG 490: Capstone Senior Seminar on scale

 ES 261: Environment & Society)

 ES 357/370: Environmental Science, Policy and Problem Solving

 ES 390: Special Topics: The Future of Public Lands

 ES 395: Field Studies

2009 Department of Geography, Rutgers University

 Geog 360: Cultural and Political Ecology

**Other Teaching Experience:**

2009 Instructor: Workshop on NVivo: software for qualitative analysis. Professional Development Series, Department of Geography, Rutgers University

2007-‘08 Tutor: Expository Writing and Research Writing, The Writing Center, Rutgers University

2007-’08 Various workshops through Rutgers Teacher Training Program

2007 Teaching Assistant, “Introduction to GIS,” Department of Geography, Rutgers University

2004 Teaching Assistant, “Forest Resources Management,” Department of Environmental Conservation, University of Massachusetts Amherst

**PROFESSIOnal Service**

**Peer review, academic journals and federal agencies:**

*Environmental Conservation, Geographical Research, International Social Science Journal, National Science Foundation, Conservation & Society, Social and Cultural Geography, Small Scale Forestry, Fungal Ecology, Bulletin of Geography: Socio-economic Series, Environmental Innovation and Societal Transitions*

**Association Service:**

2020-22 Chair, Cultural and Political Ecology Specialty Group, American Association of Geographers

2018-‘20 At Large Councilor, Cultural and Political Ecology Specialty Group, American Association of Geographers

2015- Community Economies Collective, Teaching Resources Coordinator

2012-‘13 Community Economies Collective, Steering Committee member

2005-’06 Treasurer, Graduate Geographers Project, Rutgers University

1993-’97 Founding member, Vice Chair, Committee Chair; Associated Students of Madison (student government) UW-Madison

**Departmental and University Service:**

2016-19 Scholarship Review Committee, College of Letters and Science, UW-Oshkosh

2016 Sustainability Institute Task Force, university committee, UW-Oshkosh

2015-16 Equality, Diversity and Inclusiveness Committee, university committee, UW-Oshkosh

2014 Environmental Humanities Search Committee, Environmental Studies, UW-Oshkosh

2016-17 Chair, Department Assessment Committee, Department of Geography, UW-Oshkosh

2013-19 Department Assessment Committee, Department of Geography, UW-Oshkosh

2014-19 Recruitment and Retention Committee, Department of Geography, UW-Oshkosh

2013 Advisor for Geography Club, Department of Geography, UW-Oshkosh

**professional Affiliations**

American Association of Geographers

International Association of Society and Natural Resources

Community and Economies Collective

Science and Democracy Network

Society for Conservation Biology

International Society for Fungal Conservation, founder member

Xi Sigma Pi (National Forestry Honor Society)

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