

Updated: July 20, 2021

Allie McCreary  
Curriculum Vitae

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## Education

- 2017      Ph.D. Parks, Recreation and Tourism Management  
Graduate Certificate in Geographic Information Systems  
NC State University  
Dissertation: A place-based framework for assessing climate change impacts to nature-based tourism: why attributes, meanings, and activities matter.
- 2010      M.S. Forestry, Human Dimensions of Natural Resources Management  
Southern Illinois University-Carbondale  
Thesis: Fostering agency capacity: An exploration of personnel motivations for engaging US Forest Service recreation partnerships.
- 2008      B.S. Forestry, Outdoor Recreation Resources Management  
Minor in Environmental Studies  
Southern Illinois University-Carbondale

## Academic Appointments

- 2018-present      Assistant Professor, School of Kinesiology, Recreation and Sport  
Western Kentucky University
- 2017-2018      Postdoctoral Scholar, Parks, Recreation and Tourism Management  
North Carolina State University
- 2015-2019      Adjunct Faculty, Department of Recreation and Leisure Studies  
University of Mt. Olive

## Publications

### Peer Reviewed Articles (Published/In Press)

- 2020            **McCreary, A.**; Seekamp, E.; Larson, L.R.; Smith, J. & Davenport, M.A. (2020). Climate change and nature-based tourism: How do different types of visitors respond?, *Tourism Planning & Development*, DOI: 10.1080/21568316.2020.1861079
- Seekamp, E., Fatorić, S., & **McCreary, A.** (2020). Historic preservation priorities for climate adaptation. *Ocean and Coastal Management*, 191, 1-15.
- 2019            **McCreary, A.**, Seekamp, E., Larson, L.L., Smith, J.W.; & Davenport, M.A. (2019). Predictors of visitors' climate-related coping behaviors in a nature-based tourism destination. *Journal of Outdoor Recreation and Tourism*, 26, 23-33.
- Xiao, X., Seekamp, E., van der Burg, M.P., Eaton, M., Fatorić, S., & **McCreary, A.** Optimizing historic preservation under climate change: Decision support for cultural resource adaptation planning in National Parks. *Land Use Policy*, 83, 379-389.
- McCreary, A.**, Seekamp, E., Davenport, M. A., & Smith, J. W. (2019). Exploring qualitative applications of social media data for place-based assessments in destination planning. *Current Issues in Tourism*, 1-17.
- 2018            Hestetune, A.<sup>1</sup>, **McCreary, A.**<sup>1</sup>, Smith, J. W., Seekamp, E., & Davenport, M. A. Research note: Climate change and the demand for summer tourism on Minnesota's North Shore. *Journal of Outdoor Recreation and Tourism*, 24, 21-25.  
<sup>1</sup>Denoted as co-first authors.
- McCreary, A.**, Fatorić, S., Seekamp, E., Smith, J. W., Kanazawa, M., & Davenport, M. A. (2018). The influences of place meanings and risk perceptions on visitors' willingness to pay for climate change adaptation planning in a nature-based tourism destination. *Journal of Park and Recreation Administration*, 36, 121-140.
- 2016            Smith, J. W., Bitsura-Meszaros, K., Seekamp, E., **McCreary, A.**, & Burroughs, K. (2016). Political ideologies and the objective measurement of climate-related risks to coastal resources. *Journal of Coastal Conservation*, 20(5), 409-422.
- Seekamp, E., **McCreary, A.**, Mayer, J., Zack, S., Charlebois, P., & Pasternak, L. (2016). Exploring the efficacy of an aquatic invasive species prevention campaign among water recreationists. *Biological Invasions*, 18(6): 1745-1758.

- Smith, J. W., Seekamp, E., **McCreary, A.**, Davenport, M., Kanazawa, M., Holmberg, K., Wilson, B., & Nieber, J. (2016). Shifting demand for winter outdoor recreation along the North Shore of Lake Superior under variable rates of climate change: A finite-mixture modeling approach. *Ecological Economics*, *123*, 1-13
- 2015 Bitsura-Meszaros, K., **McCreary, A.**, Smith, J. W., Seekamp, E., Davenport, M. A., Nieber, J., Wilson, B., Anderson, D. H., Messer, C., & Kanazawa, M. (2015). Building coastal climate readiness along the North Shore of Lake Superior. *Michigan Journal of Sustainability*, *3*, 111-119.
- 2012 **McCreary, A.**, E. Seekamp, L. K. Cervený, and A. Carver. (2012). Natural resource agencies and their motivations to partner: The Public Lands Partnership Model. *Leisure Sciences*, *34*(5): 470-489
- 2011 Seekamp, E., L. K. Cervený, and **A. McCreary**. (2011). Institutional, individual and sociocultural dimensions of partnerships: A cultural domain analysis of USDA Forest Service recreation partners. *Environmental Management*, *48*(3): 615-630.

#### Other Peer Reviewed Publications

- 2019 Seekamp, E., Post van der Burg, M., Fatorić, S., Eaton, M.J., Xiao, X, and **McCreary, A.**, 2019, Optimizing historical preservation under climate change—An overview of the optimal preservation model and pilot testing at Cape Lookout National Seashore: *U.S. Geological Survey Open-File Report 2018–1180*, 46 p., <https://doi.org/10.3133/ofr20181180>
- Seekamp, E., S. Fatorić, and **A. McCreary**. (2019). Informing plans for managing resources of Cape Lookout National Seashore under projected climate change, sea level rise, and associated impacts: Stakeholder studies synthesis report. *Natural Resource Report NPS/CALO/NRR—2019/1863*. National Park Service, Fort Collins, Colorado.
- 2017 **McCreary, A.**, Seekamp, E., Davenport, M. A., & Smith, J. W. (2017). Understanding visitor behaviors and responses to climate change projections. Raleigh, NC: NC State Extension, NC State University.
- 2012 **McCreary, A.**, E. Seekamp, & Cervený, L.K. (2012). Recreation partnerships on national forests: The influences of institutional commitment and urban proximity on agency capacity. In: Fisher, C. L., & C. E. Watts (Eds.), *Proceedings of the 2010 Northeastern Recreation Research Symposium*, (pp. 160-166). Gen. Tech. Rep. NRS-P-94. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station.

- 2011 Seekamp, E., **A. McCreary**, & Cervený, L.K. (2011). Examining the complexities of partnership administration: Insight into the programmatic capacity of the USDA Forest Service. In: *Proceedings of the 2011 Northeastern Recreation Research Symposium*.

### Technical and Project Reports

- 2019 **McCreary, A.** (Winter 2018-2019 Issue). Move, remove, or elevate? Stakeholder preferences for climate change adaptation of cultural resources. *Ranger Magazine*, 35(3), pp. 20-21.

- 2018 **McCreary, A.**, and Seekamp, E. 2018. *Informing Plans for Managing Resources of Cape Lookout National Seashore under Projected Climate Change, Sea Level Rise, and Associated Impacts: Partner Organizations' Members Survey*. Tourism Extension Report Series 2018-CALO-004. Department of Parks, Recreation and Tourism Management, College of Natural Resources, NC State University, Raleigh, NC.

Fatorić, S.; **McCreary, A.**, and Seekamp, E. 2018. *Informing Plans for Managing Resources of Cape Lookout National Seashore under Projected Climate Change, Sea Level Rise, and Associated Impacts: Cultural resource Management and Historic Preservation Experts Survey Results*. Tourism Extension Report Series 2018-CALO-003. Department of Parks, Recreation and Tourism Management, College of Natural Resources, NC State University, Raleigh, NC.

- 2017 Seekamp, E.; **McCreary, A.**; Bitsura-Meszaros, K.; and Henderson, M. 2017. *Informing Plans for Managing Resources of Cape Lookout National Seashore under Projected Climate Change, Sea Level Rise, and Associated Impacts: Visitor Survey Report*. Tourism Extension Report Series 2018-CALO-002. Department of Parks, Recreation and Tourism Management, College of Natural Resources, NC State University, Raleigh, NC.

### Manuscripts under review/manuscripts in preparation

- 2021 Katz, K., **McCreary, A.**, Davenport, M.A., Seekamp, E. From the ground up: Incorporating place values into the traditional climate adaptation vulnerability assessment.
- 2021 **McCreary, A.** and others. Recreation behaviors & COVID-19: A case study in Bowling Green, Kentucky, USA.
- 2021 Jordan, T. & **McCreary, A.** Nonprofit organizations and COVID-19 management.

## Funding

### External grants, contracts, and cooperative agreements received:

- 2021            **McCreary, A.** (PI) & Walden-Schreiner, C. Public Lands Service Coalition: Environmental Outcomes Evaluation Plan 2021-2023. Public Lands Service Coalition. \$133,597.00.
- 2020            Knollenberg, W. (PI), Cutts, B., Seekamp, E., & **McCreary, A.** RAPID: Disaster Recovery Decision Making in Remote Tourism-dependent Communities. National Science Foundation. \$49,385. 2020-2021.
- 2018            Edwards, M. (PI), Seekamp, E. & **McCreary, A.** Impact of youth corps partnerships on partner capacity. North Carolina State University. Conservation Legacy. \$45,359. 2018-2020.
- 2014            Keane, R. & **McCreary, A.** Challenge Grant Award. Consortium of Universities for the Advancement of Hydrologic Science. \$4,000.

### Internal grants, contracts, and cooperative agreements received:

- 2020            **McCreary, A.** Western Kentucky University Quick Turn-Around Grant. Exploring recreation and leisure behaviors during COVID-19. Western Kentucky University College of Health and Human Services. \$2,570
- 2019            **McCreary, A.** Western Kentucky University Quick Turn-Around Grant. Exploring how the 2018-2019 government shutdown influenced recreation management at federal parks and protected areas. Western Kentucky University College of Health and Human Services. \$1,974
- 2014            **McCreary, A.**, Bitsura-Meszaros, K., & Gonzalez-Jueck, G. University Graduate Student Association Block Grant Award. NC State University Graduate Student Association. \$300

## Awards & Honors

- 2021            Southern Illinois University-Carbondale Forestry Department Alumna of the Year
- 2020            WKU Early Career Research Award
- 2017            First place poster NC State Graduate Research Symposium
- 2016 & 2017    NC Recreation & Parks Assoc. Fletcher Graduate Scholarship
- 2010            Northeast Recreation Research Symposium Best Student Paper
- 2009            Xi Sigma Pi (Forestry Honor Society) induction

## Conference Presentations (\*student-led)

- 2021 **McCreary, A.**, Edwards, M. & Seekamp, E. (June 20-24, 2021). Public land management partnerships in the era of COVID-19. International Association for Society and Natural Resources conference. Online.
- McKee, P.\*, Knollenberg, W., Seekamp, E., Cutts, B., **McCreary, A.**, Patterson, V. (April 23, 2021). How does local media reflect remote communities' information needs and disaster recovery processes? NC State Undergraduate Research & Creativity Symposium, Raleigh, NC.
- Edwards, M., **McCreary, A.**, & McKenna, M. (March 18, 2021). Environmental stewardship evaluation for AmeriCorps – Current and new. Presentation at the Corps Network Annual Conference. Online.
- Passey, L.B.\* & **McCreary, A.** (March 22-26, 2021). Recreation behaviors & COVID-19: A case study in Bowling Green, Kentucky, USA. Southeast Environment and Recreation Research conference. Online.
- McCreary, A.** (March 11, 2021). Visualizing research data. Western Kentucky University Student Research Conference. Online.
- 2020 **McCreary, A.**, Edwards, M., Seekamp, E., & Lockwood, S. (June 22-26, 2020). The cost-benefit of collaboration on public lands in the US. International Symposium on Society and Resource Management. Cairns, Australia. *Cancelled due to COVID-19.*
- McCreary, A.**, Edwards, M., Seekamp, E., & Lockwood, S. (March 29-31, 2020). Partnership motivation, capacity, and perceptions: Exploring the relationship between Conservation Corps and the public land management agencies they serve. Southeast Environmental and Recreation conference. Asheville, North Carolina. *Cancelled due to COVID-19.*
- Edwards, M., **McCreary, A.**, Seekamp, E., & Lockwood, S. (February 9-12, 2020). Environmental Stewardship Evaluation – Partnerships. Presentation at the Corps Network Annual Conference. Washington, D.C.
- 2019 **McCreary, A.**; Davenport, M.A.; Katz, K.; Seekamp, E. (June 3-7, 2019). From the ground up: Incorporating place values into the traditional climate adaptation vulnerability assessment. Paper presented at the International Symposium on Society and Resource Management, Oshkosh, Wisconsin.

**McCreary, A.** & Seekamp, E. (March 24-26, 2019). Stakeholder priorities for climate adaptation of cultural resources. Paper presented at the Southeastern Recreation Research Symposium, Athens, Georgia.

Lockwood, S. \*, **McCreary, A.**, Edwards, M.B., & Seekamp, E. (March 24-26, 2019). Land Managers' Perceptions of the Contributions of Conservation Corps Partnerships. Paper presented at the Southeastern Recreation Research conference. Athens, GA.

Edwards, M.B. & **McCreary, A.** (February 9-12, 2019). Impact of Youth Corps Partnerships on Partner Capacity Plenary Panel at the Conservation Corps Network Annual Conference, Washington, D.C.

2018 **McCreary, A.** (November 7-11, 2018). Move, Remove, or Elevate? Stakeholder Preferences for Climate Change Adaptation of Cultural Resources at Cape Lookout National Seashore. Paper presented at Ranger Rendezvous 41, Bowling Green, Kentucky.

**McCreary, A.**; Seekamp, E.; Larson, L.; Smith, J.W. & Davenport, M.A. (March 25-27, 2018). A tale of two seasons and other predictors of climate related coping behaviors by outdoor recreationists. Paper presented at the Southeastern Recreation Research Symposium, Athens, Georgia.

**McCreary, A.**; Seekamp, E. & Fatorić, S. (March 15, 2018). Exploring the potential of expert elicitation to inform climate adaptation of cultural resources. Paper presented at the Southeast Regional Cooperative Ecosystem Study Units Rally, Raleigh, North Carolina.

**McCreary, A.**; Seekamp, E. & Fatorić, S. (February 5-8, 2018). The role of cultural resource vulnerability & impact certainty in the selection of climate adaption strategies. Paper presented at the Social Coast Forum, Charleston, South Carolina.

2017 **McCreary, A.**; Fatorić, S.; Seekamp, E.; Smith, J.W.; Kanazawa, M.; & Davenport, M.A. (June 19-22, 2017). Predicting visitors' willingness-to-pay for climate change adaptation planning in a nature-based tourism destination. Paper presented at the International Symposium on Society and Resource Management, Umea, Sweden.

**McCreary, A.**; Seekamp, E.; Smith, J.W.; & Davenport, M.A. (April 2-7, 2017). Using social media data to identify valued recreation resources and informing climate change adaptation planning. Paper presented at the 19th George Wright Society Conference, Norfolk, Virginia.

2016

**McCreary, A.**, Smith, J. W., & Seekamp, E. (June 22-26, 2016). Parameterizing agent based models of contingent trip-taking behavior with on-site survey data. Paper presented at the International Symposium on Society and Resource Management, Houghton, Michigan.

Smith, J. W., Smart, L. S., & **McCreary, A.** (March 29-April 2, 2016). Hydrating the agents: Integrating the spatial and temporal availability of freshwater resources into agent based models. Paper presented at the Association of American Geographers' Annual Meeting, San Francisco, California.

**McCreary, A.**, Burroughs, K., Moore, B., Dougherty, C., Keane, R., & Phelps, C. (March, 2016). Screen time vs. trail time: An exploration of actual & virtual outdoor recreation experiences. Poster presented at the Southeastern Recreation Research Symposium, Asheville, North Carolina.

**McCreary, A.**, Seekamp, E., Smith, J. W., & Davenport, M. (February, 2016). Social values & social media: Understanding place meanings in coastal regions through the Instagram lens. Paper presented at the Social Coast Forum 2016, Charleston, South Carolina.

2015

**McCreary, A.**, Smith, J. W., Seekamp, E., Davenport, M. A., & Kanazawa, M. (November, 2015). Climate models, place meanings, and risk perceptions: Understanding the influences on nature based tourism in coastal communities. Paper presented at the International Congress on Coastal and Marine Tourism, Kailua-Kona, Hawai'i.

Bitsura-Meszaros, K., Smith, J. W., & **McCreary, A.** (November, 2015). Analyzing the effect of political ideology on individuals' perceptions of climate-related risks to coastal recreation using ocular tracking technology. Paper presented at the International Congress on Coastal and Marine Tourism, Kailua-Kona, Hawai'i.

Wilson, B., Holmberg, K., Nieber, J., Davenport, M., Smith, J. W., Seekamp, E., **McCreary, A.**, & Kanazawa, M. (October, 2015). Climate change in Minnesota's North Shore. Poster presented at the University of Minnesota's Department of Bioproducts and Biosystems Engineering Annual Fall Showcase, St. Paul, Minnesota.

**McCreary, A.**, Seekamp, E., Smith, J. W., Davenport, M., & Kanazawa, M. (June, 2015). Uncertain futures for coastal communities: Using climate change models to anticipate shifts in tourism demand. Paper presented at the International Symposium on Society and Resource Management, Charleston, South Carolina

Bitsura-Meszaros, K., Smith, J. W., **McCreary, A.**, Burroughs, K., & Keane, R. (March, 2015). The effect of political ideology on individuals' perceptions of



climate-related risks to coastal recreation resources: Results from an eye tracking experiment. Paper presented at the Southeastern Recreation Research Symposium, Asheville, North Carolina.

**McCreary, A.**, Keane, R., Guo, T., Seekamp, E., Smith, J. W., & Moore, R. L. (March, 2015). Challenges, limitations and opportunities in survey design. Poster presented at the Southeastern Recreation Research Symposium, Asheville, N.

**McCreary, A.**, Seekamp, E., Smith, J. W., Kanazawa, M., & Davenport, M. A. (March, 2015). Projecting visitor responses to climate change: Winter recreation and tourism on Minnesota's North Shore. Paper presented at the Southeastern Recreation Research Symposium, Asheville, North Carolina.

2011 Cerveny, L. K., E. Seekamp, and **A. McCreary**. (April, 2011). The changing structure of natural resource partnerships in the U.S. Forest Service. Paper presented at the XVIIIth International Conference of the Society for Human Ecology, Las Vegas, Nevada.

Seekamp, E., **A. McCreary**, and L. K. Cerveny. (April, 2011). Examining the complexities of partnership administration: Insight into the programmatic capacity of the USDA Forest Service. Paper presented at the 23rd Annual Northeastern Recreation Research Symposium, Bolton Landing, New York.

**McCreary, A.**, E. Seekamp, and L. K. Cerveny. (April, 2011). Navigation, negotiation, and motivation: The influence of skills on agency capacity to partner. Paper presented at the 23rd Annual Northeastern Recreation Research Symposium, Bolton Landing, New York.

2010 Seekamp, E., L. K. Cerveny, and **A. McCreary**. (June, 2010). Institutional commitment to partnering within the U.S. Forest Service: Expanding complexities beyond the "free labor" concept. Paper presented at the 16th International Symposium on Society and Resource Management, Corpus Christi, Texas.

**McCreary, A.**, E. Seekamp, and L. Cerveny. (June, 2010). Recreation partnerships on national forests: The influence of geographic location on collaborative capacity. Poster presented at the 16th International Symposium on Society and Resource Management, Corpus Christi, Texas

**McCreary, A.**, E. Seekamp and L. K. Cerveny. (April, 2010). Recreation partnerships on national forests: The influences of institutional commitment and urban proximity on agency capacity. Paper presented at the 22nd Annual Northeast Recreation Research Symposium, Bolton Landing, New York.

## Teaching Experience (graduate-level course)

### Western Kentucky University

Recreation in Society	Fall 2021
Understanding the Nonprofit Sector	Fall 2018/19/20/21
Experience Planning and Evaluation	Fall 2018/19/20**/21, Spring 2019/20/21
Foundations of Outdoor Recreation	Spring 2019/20**
Parks, Recreation and Quality of Life	Fall 2020, Winter 2021*
Recreation Resource Management	Fall 2019, Spring 2021
Research Methods in Recreation and Sport	Spring 2019/20**/21
Practicum in Recreation and Sport	Summer 2020

### NC State University

Outdoor Recreation Management	Fall 2016, Spring 2017
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### University of Mount Olive

Outdoor Recreation Resources Mgmt.	Spring 2015*/16* /17*/18*/19*
Introduction to Environmental Science	Spring 2017

\*online \*\*online due to COVID-19

## Service

### Service to Profession

International Association for Society and Natural Resources (IASNR)  
Member 2010-present  
Site Selection Committee 2021 – present  
Student Affairs Committee Collaboration Sub-Committee Chair 2014- 2017

### Southeast Environment and Recreation Research Conference

Co-chair 2021  
Planning Committee 2018-present

### Reviewer:

*Atmosphere*  
*Intl' Journal of Env. Research & Public Health*  
*Journal of Coastal Conservation*  
*Journal of Environmental Psychology*  
*Journal of Great Lake Research*  
*Journal of Interpretation Research*  
*Journal of Leisure Research*  
*Journal of Outdoor Recreation and Tourism*  
*Journal of Park & Recreation Administration*

*Kentucky Shape*  
*Landscape and Urban Planning*  
*Leisure Sciences*  
*Minnesota Agricultural Experiment Station*  
*Perspectives in Agriculture... Natural Resources*  
*Polar Geography*  
*Society & Natural Resources*  
*Tourism Geographies*

## Departmental & University Service

### Faculty Senate

Western Kentucky University

At-Large Senator (College of Health & Human Services Rep.) 2020-present

Faculty Welfare sub-committee member (College of Health & Human Services Rep.) 2020-present

### Faculty Affairs Committee

School of Kinesiology, Recreation and Sport, Western Kentucky University

Member (Rec. Admin. Rep.) 2019-present

### Graduate Student-Professional Development Committee

School of Kinesiology, Recreation and Sport, Western Kentucky University

Member (Rec. Admin. Rep.) 2019-present

### Committee for Diversity, Equity and Inclusion

College of Health and Human Services, Western Kentucky University

Member (School of Kinesiology, Recreation & Sport Rep.) 2018-present

### Recreation Administration Major Club

School of Kinesiology, Recreation & Sport, Western Kentucky University

Co-advisor 2018-present

### Faculty Search Committee (2)

Communication Sciences & Disorders, Western Kentucky University

External member 2020-2021

School of Kinesiology, Recreation and Sport, Western Kentucky University

Member 2019-2020

### Parks, Recreation & Tourism Management Graduate Student Association

Department of Parks, Recreation & Tourism Management, NC State

Co-President 2016-2017

### Student Chapter of IASNR

NC State University

Membership Development chair 2015-2016

Founding President 2014-2015

### Graduate Program Advisory Committee

Department of Parks, Recreation & Tourism Management, NC State

Graduate Student Representative 2015 – 2017

### Faculty Search Committee (2)

Department of Parks, Recreation & Tourism Management, NC State

Graduate Student Representative Fall 2015

Sustainable Sisterhood  
College of Natural Resources, NC State  
Undergraduate Mentor 2015-2016

### **Extracurricular Service**

Bowling Green, KY Parks & Recreation Commission 2018-2021  
OneSTL Sustainability Plan, Environmental Best Practices Committee 2012-2013  
Clifftop Alliance, Ecology & Outreach volunteer 2010-2013  
Green Earth Inc., Grant Writer 2009- 2010  
William B. Umstead State Park, volunteer Naturalist 2004

### **Related Professional Skills**

Council on Accreditation of Parks, Recreation, Tourism and Related Professions (COAPRT)  
certified visitor  
Science Communication Training by AAAS  
Leave No Trace trainer  
Project Learning Tree trainer  
Flying Wild trainer

### **Professional Memberships**

George Wright Society  
National Recreation & Park Association  
International Association for Society and Natural Resources (IASNR)