

Moskal, L.M., _____, and J. Kirsch, 2011. Tacoma Canopy Cover: Final Report, submitted to Washington Department of Natural Resources, Olympia, WA, 7p.

<http://depts.washington.edu/rsgalwrk/canopy/materials/FinalReport.pdf>

Moskal, L.M., _____, and J. Kirsch, 2011. Geospatial Canopy Cover Assessment Workshop, 58p.

http://depts.washington.edu/rsgalwrk/canopy/materials/UWRSGAL_OBIACanopy_Workshop.pdf

Engaging Communities in Developing Climate Solutions for Flooding in Haywood County, NC,

Land use/Land cover and Community Demographics: Implications to Natural Resource Management in and around Olympic and Great Smoky Mountains National Parks (extension to existing grant), USDA Forest Service; and L.K. Cervený, co-PIs June 2014.

Community Demographics and Landscape Values: Implications to Natural Resource Management in Great Smoky Mountains National Park, Nantahala National Forest, and southwestern North Carolina, Western Carolina University, Provost External Funding Support Grant (FY 2013-14); , PI May 2014.

Land use/Land cover and Community Demographics: Implications to Natural Resource Management in and around Olympic and Great Smoky Mountains National Parks, USDA Forest Service; and L.K. Cervený, co-PIs June 2012.

Characterizing Southern Appalachian Forest Stands using LiDAR Data and Object-Based Image Analysis, Western Carolina University, Faculty Research Award; , PI January 2012.

None

None

Engaging Communities in Developing Climate Solutions for Heat-exposure in Asheville, NC, National Science Foundation (NSF), Civic Innovation Challenge (CIVIC), Directorate for Social, Behavioral and Economic Sciences (SBE), , and K. Rogers, co-PIs . Submitted for review on May 1, 2024.

MCA: Using public participatory GIS to enhance climate adaptation and resilience of urban trees in the Greater Tokyo Area of Japan, National Science Foundation (NSF), Mid-Career Advancement (MCA), Directorate for Social, Behavioral and Economic Sciences (SBE), Division of Behavioral and Cognitive Sciences (32BE/BCS), Human, Environmental and Geographical Sciences Program, , PI . Submitted for review on February 19, 2024.

Using public participatory GIS to enhance climate adaptation and resilience of urban trees, Japan Society for the Promotion of Science, D.M. Styers and A. Kato, co-PIs . Submitted for review on September 1, 2023.

Engaging Underserved Communities in Designing Nature Based Solutions for Climate Resilience in Puerto Rico, National Oceanic and Atmospheric Administration, Climate Resilience Regional Challenge, , PI; K. Rogers, G. Dobson, N. Pricope, R. Mayer, co-PIs . Letter of Intent submitted for review on August 21, 2023.

Engaging Underserved Communities in Designing Nature Based Solutions for Coastal Flooding in NC, National Fish and Wildlife Foundation, , K. Rogers, G. Dobson, N. Pricope, and D. York co-PIs Pre-proposal submitted April 2023; not invited to submit full proposal.

Using public participatory GIS to enhance climate adaptation and resilience in coastal North Carolina, University of North Carolina System, Research Opportunities Initiative; , K. Rogers, G. Dobson, and N. Pricope, co-PIs Submitted March 2023.

Using public participatory GIS to enhance climate adaptation and resilience in Puerto Rico, National Oceanic and Atmospheric Administration, Climate Program Office, Adaptation Sciences Division; , K. Rogers, and G. Dobson, co

Climate Change and Rapid Development Lead to Slippery Slopes: Increasing Environmental Literacy and Resiliency in Western North Carolina, National Oceanic and Atmospheric Administration, Environmental Literacy Program; [redacted], PI and D. Martinez, B. Steere, and D. Virtue, co-PIs [redacted] Pre-proposal submitted October 2021; full proposal submitted March 2022.

Davis, J., Evaluation of Residential-Level Environmental and Entomological Risk Factors: A La Crosse Encephalitis Case vs Non-

Gannon, J.P., _____, D. Kinner, and M. Lord. Examining the effects of resolution and roads on DEM-derived drainage networks. Presented at the Southeastern Section of the Geological Society of America 68th Annual Meeting, March 28-29, 2019, Charleston, SC.

Hogan, H.* , C. Wright* , J.P. Gannon, _____, D. Kinner, and M. Lord. Developing a method to remotely locate erosional features using a high resolution Dip92 reW* nBT/F4 10.98 Tf1 0 0 1 161.06 678.3 Tm

Hayes, I.*, T.J. Nicholson*, , J.P. Gannon. Eco-Hydrologic Impacts of Invasive Evergreen Shrub Species in a Headwater Catchment Area. Presented at the Association of Southeastern Biologists 78th Annual Meeting, March 29-31, 2017, Montgomery, AL.

, B.R. Tanner, C. Greenberg. Spatio-temporal variations in climate-growth relationships of longleaf pines (*Pinus palustris*) in Ocala National Forest, Florida. Presented at the Association of Southeastern Biologists 78th Annual Meeting, March 29-31, 2017, Montgomery, AL.

Gannon, J.P., D. Kinner, M. Lord, and . Generation and Implications of Winter Diel Discharge Fluctuations in a Headwater Catchment In Western NC, USA. Presented at the Southeastern Section of the Geological Society of America 66th Annual Meeting, March 30-31, 2017, Richmond, VA.

Cervený, L., , and G.R. Dobbs. Gendered Differences in Resource Use and Landscape Values in Western North Carolina. Presented at the Society for Applied Anthropology 77th Annual Meeting, March 28-April 1, 2017, Santa Fe, NM.

Byrd, B., M. Reiskind, S. Richards, , J. Stewart, L. Michael, J. Casani, and C. Williams. A survey for container-inhabiting *Aedes* of public health importance: North Carolina (2016). Presented at the American Mosquito Control Association 83rd Annual Meeting, February 13-17, 2017, San Diego, CA.

Douglas, M.*, B. Tanner, and . Paleoclimate Record for Ocala National Forest. Presented at the Geological Society of America Annual Meeting, September 25-28, 2016, Denver, CO.

Waters-Tormey, C., , K. Allen*, and I. Hayes*. Combining Geological Mapping and LiDAR Data to Characterize Fracture Patterns in Poorly Exposed Crystalline Bedrock in the Southern Appalachians, Western NC. Presented at the Geological Society of America Annual Meeting, September 25-28, 2016, Denver, CO.

, L. DeWald, G. Wasserberg, and B. Byrd. Integration of mosquito ecology laboratory exercises into biological, geoscience, and environmental science courses: using ovitraps to create authentic learning experiences. Presented at the American Mosquito Control Association 82nd Annual Meeting, February 7-11, 2016, Savannah, GA.

Hayes, I.*, , and P. Bates. Determining the Ability of NDVI to Analyze Low Intensity Burn Severity in the Southern Appalachians. Presented at the Society of American Foresters National Convention, November 2-5, 2015, Baton Rouge, LA.

Schumaker, M.*, , C. Greenberg, and B. Tanner. Examining the Role of Oak Encroachment in Longleaf Pine Ecosystems in Ocala National Forest. Presented at the Society of American Foresters National Convention, November 2-5, 2015, Baton Rouge, LA.

, L.K. Cervený, R.B. Barnett , and G.R. Dobbs. Mapping Human-Environment Interactions for Land-use Planning and Resource Management in Western NC. Presented at the Association of American Geographers 110th Annual Meeting, April 21-25nQ EMC /tQ EMCJETQq0.00000912 C

and A.H. Chappelka. Urbanization and atmospheric deposition: Use of bioindicators in determining patterns of land use change. Presented at the 22nd Biannual Meeting of the International Union of Forest Research Organizations (IUFRO) Group 7.01 22nd Biannual Meeting, September 10-15, 2006, Riverside, CA.

and A.H. Chappelka. Urbanization effects on forest condition in the Georgia Piedmont. Presented at the Ecological Society of America 91st Annual Meeting, August 6-11, 2006, Memphis, TN.

and A.H. Chappelka. Urbanization effects on forest condition in the Georgia Piedmont. Presented at Auburn University's Earth Day Science Competition, April 20, 2006, Auburn, AL.

and A.H. Chappelka. Urbanization effects on forest condition in the Georgia Piedmont. Presented at the 38th Annual Air Pollution Workshop, April 10-13, 2006, Charlottesville, VA.

and A.H. Chappelka. Urbanization Effects on Forests near Columbus, Georgia. Presented at Auburn University's Earth Day Science Competition, April 14, 2005, Auburn, AL.

and A.H. Chappelka. Urbanization Effects on Forest Health in Columbus, Georgia. Presented at the 37th Annual Air Pollution Workshop, April 25-28, 2005, Banff, Alberta, Canada.

and A.H. Chappelka. Urbanization Effects on Forest Health in the Vicinity of Columbus, Georgia. Presented at the Urban/Rural Interfaces Conference, March 13-16, 2005, Atlanta, GA.

Session Chair at the Association of American Geographers 108th Annual Meeting, Los Angeles, CA, "Remote Sensing and Vegetation" April 2013.

Session Chair/Co-organizer with Matthew D. Dunbar at the Association of American Geographers 106th Annual Meeting, Seattle, WA, "Urban Forestry, Ecology, & Natural Resources" April 2011.

PPGIS for Environmental Planning and Design. Presented at the North Carolina Beach, Inlet & Waterway Association's Spring Meeting, May 11, 2023, Emerald Isle, NC.

and G.R. Dobbs. Using Geospatial Data and Tools to Locate Rivercane. Presented at Chiba University, January 10, 2023, Chiba, Japan.

See the forest for more than the trees: exploring the benefits of trees on WCU's campus. Selected by a committee to present at the 22nd Annual Undergraduate Exposition's Keynote Address, March 25, 2020, Cullowhee, NC (cancelled due to COVID-19).

Remote Sensing-based Methods for Assessing Fire Effects in Central Hardwood Forests of the Southern Appalachians. Presented at Warren Wilson College, October 2, 2017, Asheville, NC.

The Mystery of Spatio-temporal variations in climate-growth relationships of longleaf pines (*Pinus palustris*) in Ocala National Forest, Florida

American Association for the Advancement of Science (inactive)
Association of American Geographers (inactive)
Association of Southeastern Biologists (active)
Ecological Research as Education Network (active)
Ecological Society of America (inactive)
North Carolina ArcGIS User's Group (active)

NSF-sponsored EREN-NEON-Project EDDIE Workshop: Integrating NEON and Project EDDIE datasets into undergraduate research projects, Belmont University, June 20-23, ~~EREN~~

International Journal of Applied Geospatial Research, Special Issue "Geospatial Appalachia: Multidisciplinary Explorations of a Region" Guest Editors: G.R. Dobbs and D.M. Styers. January 2021, <https://www.igi-global.com/journal/international-journal-applied-geospatial-research/1138>.

Monitoring and Assessment (2019)

Forests (2020-2023)

Frontiers in Microbiology (2022)

International Journal of Environmental Research and Public Health (2013)

International Journal of Remote Sensing (2018)

Journal of Applied Remote Sensing (2015)

Journal of Vegetation Science (2016)

Land (2020)

Papers of the Applied Geography Conference (2014)

Plants (2023)

Plants, People, Planet (2019)

PLOS ONE (2019)

Remote Sensing (2012, 2019-

Spring/Summer/Fall 2021 Provost's Planning Committee, July 2020-July 2021
STEM Building Selection Committee, May 2015-July 2021
Information Technology Council, April 2015-May 2017
Curriculum Committee, August 2015-December 2015

CAS Department Head Council, July 2019 -June 2024
CAS Faculty Awards Committee, AY 2022-23
CAS Collegial Review Committee, August 2017-May 2018, August 2019-May 2022
CAS Academic Appeals Committee, July 2016-June 2020
CAS Curriculum Committee, January 2014-December 2015

Geosciences and Natural Resources Department Head, July 2019-June 2024
Natural Resources Conservation and Management Program Director, July 2019-June 2024
Environmental Science Program Council Program Director, August 2022-June 2024
GIS Lab Manager and IT Liaison, August 2014-June 2024
Environmental Science Program Council, August 2016-August 2020
Collegial Review Committee (TPR), AY 2017-18, 2018-19
Collegial Review Committee (AFE), AY 2013-14, 2014-15, 2015-16
Curriculum Committee, AY 2016-17, 2017-18
Resources Committee, AY 2013-14, 2014-15, 2015-16, 2016-17
Faculty Affairs Committee, AY 2011-12, 2012-13, 2018-19

Administrative Support Associate in GNR Department (chair), Spring 2023
Assistant Professor in Environmental Science (chair), AY 2022-23
Assistant Professor in NRCM, AY 2022-23
Instructional Developer in the Coulter Faculty Commons, Spring 2022
Visiting Assistant Professor in NRCM, Spring 2022
Assistant/Associate Professor in Environmental Science (chair), AY 2021-22
Administrative Support Associate in GNR Department (chair), AY 2021-22
Assistant Professor in Geosciences, Hydrology, Spring 2021
Instructor in Forest Resources (chair), Spring 2021
Administrative Support Associate (chair), Spring 2020
Human Geography Instructor Position (chair), Spring 2020
Assistant Professor in Geosciences, Hydrology, Spring 2020
Assistant Professor in NRCM, Forestry, Spring 2019
Assistant Professor in NRCM, Water Resources, Spring 2019
Assistant Professor in ES (chair), Spring and Fall 2018
Visiting Assistant Professor in NRCM and ES, Spring 2017
Visiting Assistant Professor in NRCM, Spring 2015
Human Geography Instructor Position, Spring 2014
Human Geography Lecturer Position, Spring 2013
Assistant Professor in NRCM, Watershed Management, Spring 2013

Faculty-led travel trip to Costa Rica, March 2-10, 2024

Faculty-led travel trip to Costa Rica, March 3-14, 2022

FEM in STEM Club, Faculty Advisor, 2018-present

Green Zone certification, Fall 2017

Safe Zone certification, Spring 2015

Western Regional Science Fair, Judge, 2012-2019

Organized and Hosted LiDAR Workshop and Talk by Dr. L. Monika Moskal, Associate Professor,