
Matthew David Jurjonas

Matthew.Jurjonas@gmail.com

MatthewJurjonas.com

Cell: +52 1 55 8561 6443

EDUCATION

- Ph.D., Parks, Recreation, and Tourism Management** **2018**
North Carolina State University
Raleigh, North Carolina
- M.S., Conservation Leadership** **2014**
Dual Degree: Colorado State University and El Colegio de La Frontera Sur
Fort Collins, Colorado and Chiapas, Mexico
- B.A., Ecology and Biodiversity** **2007**
Study Abroad: Sea Education Association (SEA) Alum S-203 | Minor: Studio Art
University of Denver
Denver, Colorado

RESEARCH APPOINTMENTS

- Bailey Conservation Fellow** **2020-present**
Applied Scientist
The Nature Conservancy and the Cooperative Institute for Great Lakes Research
Lansing, Michigan
- Fulbright-Garcia Robles U.S. Scholar** **2018-2019**
Postdoctoral Researcher
Universidad Nacional Autónoma de México
México City, México
- Research Assistant** **2015-2018**
Environmental Social Science and Community Resilience
North Carolina State University
Raleigh, North Carolina
- Research Assistant** **2014**
Human Dimensions of Natural Resources
Colorado State University
Fort Collins, Colorado

NATURAL RESOURCE AND CONSERVATION EMPLOYMENT

- Resilient Central America Consultant** **2019-2020**
Climate Justice Content Strategy and Translation
The Nature Conservancy
Mexico City, Mexico
- Public Outreach Coordinator** **2011-2012**
AmeriCorps VISTA
Uncompahgre Watershed Partnership
Ouray, Colorado
- Consultant** **2010-2013**
Deckhand and Grant Writer

Coastal Footprint
Juneau, Alaska

Fisheries Biologist (Contractual)

2007-2010

North Pacific Groundfish Observer Program
Saltwater Incorporated
Anchorage, Alaska

Field Technician

2008

Biological Surveys for the U.S.D.A. Forest Service
The Great Basin Institute
Las Vegas, Nevada

FUNDED PROJECTS AND GRANTS

Research Projects

2. **Jurjonas, M.** (PI) (2018) Intergenerational transfers of communal land: Exploring climate change, privatization, land use change, and sequestration within Mexican Ejidos. Fulbright Scholars Program. \$26,400
1. **Jurjonas, M.** (PI), Seekamp, E., & Rivers, L. (2017) Resilience inclusion on the coast: Exploring sea level rise in diverse communities on the Albemarle Pamlico Peninsula of North Carolina. Carolinas Integrated Sciences and Assessments. \$8,919

Non-profit Grants

3. **Coastal Footprint** (2013) The Ocean Foundation's and Alaskan Brewing Company's: Coastal Code Grant. \$1,500
2. **The Uncompahgre Watershed Partnership** (2012) Environmental Protection Agency Non-Point Source Mini Grant. \$3,000
1. **The Uncompahgre Watershed Partnership** (2012) Colorado Water Conservation Board: Watershed Restoration Program Grant. \$5,000

PEER REVIEWED PUBLICATIONS

Published

8. **Jurjonas, M.**, Seekamp, E., Rivers, L., and Cutts, B. (2020) Uncovering Climate (in)Justice with an Adaptive Capacity Assessment: A Multiple Case Study in Rural Coastal North Carolina. *Land Use Policy*, 98: 104547
7. Bhattachan, A., **Jurjonas, M.**, Morris, P., Taillie, P., Smart, L., Emanuel, R., and Seekamp, E. (2019) Linking residential saltwater intrusion risk perceptions to physical exposure of climate change impacts in rural coastal communities of North Carolina. *Natural Hazards*. 97 (3), 1277-1295
6. **Jurjonas, M.** and Seekamp, E. (2019) "A commons before the sea:" Climate justice considerations for coastal zone management. *Climate and Development*. 12 (3), 199-203.
5. **Jurjonas, M.**, and Seekamp, E. (2019) Balancing carbon dioxide: A case study of forest preservation, out-migration, and afforestation in the Pueblos Mancomunados of Oaxaca, Mexico. *Journal of Sustainable Forestry*, 38 (7) 697-714.
4. Seekamp, E., **Jurjonas, M.**, and Bitsura-Meszáros, K. (2019) Influences on coastal tourism demand and substitution behaviors from climate change impacts and hazard recovery responses. *Journal of Sustainable Tourism*, 27 (5), 629-648.

3. Bhattachan, A., **Jurjonas, M.**, Morris, P., Taillie, P., Smart, L., Sanchez, G., Moody, A., Emanuel, R., and Seekamp, E. (2018) Sea level rise impacts on rural coastal social-ecological systems and the implications for decision making. *Environmental Science and Policy*, 90: 122-34.
2. **Jurjonas, M.**, and Seekamp, E. (2018) Rural coastal community resilience: Assessing a framework in eastern North Carolina. *Ocean & Coastal Management*, 162: 137-150.
1. **Jurjonas, M.**, Crossman, K., Solomon, J., and Lopez, W. (2016) Potential links between certified organic coffee and deforestation in a protected area in Chiapas, Mexico. *World Development*, 78: 13-21.

NON-REFEREED PUBLICATIONS

(Technical Reports and Factsheets)

2. **Jurjonas, M.** (2020) Resilient Central America (ResCA): Confronting climate justice through building healthy productive ecosystems. [Fact Sheet] ResCA, The Nature Conservancy, Mexico City, Mexico. 10pp
1. Seekamp, E., **Jurjonas, M.**, and Bitsura-Meszaros, K. (2018) Coastal hazards and tourism: Exploring outer banks visitors' responses to storm-related impacts. [Fact Sheet] Tourism Extension, North Carolina State University, Raleigh, NC. 12pp.
<https://content.ces.ncsu.edu/coastal-hazards-and-tourism>

PRESENTATIONS

Invited Presentations

5. **Jurjonas, M.**, Community sustainability: The interface between climate justice, resilience, and natural resources in socio-ecological systems. Invited presentation at the *Department of Community Sustainability* at *Michigan State University* on February 10, 2020, Lansing, Michigan.
4. **Jurjonas, M.**, A vision for coastal resilience. Invited presentation at *Minnesota Sea Grant* on October 10, 2019, Duluth, Minnesota.
3. **Jurjonas, M.**, Building resilience in climate justice communities from rural coastal North Carolina to communal forests in Mexico. Invited presentation at the *School of Forestry and Wildlife Science* at *Auburn University* on May 3, 2019, Auburn, Alabama.
2. Cutts, B., Emanuel, R., **Jurjonas, M.**, Rivers, L., and Cooper, K. Climate justice: Why climate change is more than just an environmental issue. Panel discussion at the *Southeast Climate Science Center Global Change Seminar Series* on January 25, 2018, Raleigh, North Carolina.
1. **Jurjonas, M.** How to get to the bottom of differing perspectives: Facilitating stakeholder discussions. Workshop facilitated at *Stewards Individual Placement Program: AmeriCorps VISTA Fall Training* on September 7, 2017, Sherril's Ford, North Carolina.

Organized Sessions

1. Schiavinato, L., Whitehead, J., Gambill, J., Dow, K., and **Jurjonas, M.** Coastal climate adaptation planning: Best practices from Sea Grant programs in the Southeast. Panel discussion at the *National Adaptation Forum* on May 11, 2017, Minneapolis, Minnesota.

Symposia Presentations

24. **Jurjonas, M.**, and Merino, L. False forest sustainability in the Age of Globalization: the cost of abandoning self-sufficiency. Paper presented at the Earth System Governance Conference on November 7, 2019 in Oaxaca de Juarez, Mexico.
23. **Jurjonas, M.**, and Merino, L. Contabilidad de carbono en zonas rurales: Migración y reforestación en bosques comunitarias mexicanas. Paper presented in the panel discussion entitled: Movimientos Sociales. Sociedad, Política, y mercados en la era global at the Instituto de Investigaciones Sociales UNAM on August 28, 2019, Mexico City, Mexico.
22. **Jurjonas, M.**, and Seekamp, E. Diversifying climate readiness: Gaining access and spreading the message in rural low-lying North Carolina (USA). Paper presented at the *Ecological Society of America and the United States Society for Ecological Economics Joint Meeting* on August 13, 2019, Louisville, Kentucky.
21. **Jurjonas, M.**, and Merino-Perez, L. Measuring carbon sequestration in the Anthropocene: A multiple case study of Mexican communal forest enterprises. Paper presented at *International Symposium on Society and Resource Management* on June 4, 2019, Oshkosh, Wisconsin.
20. **Jurjonas, M.** Captura de carbono en sistemas socioambientales: El costo de abandonar la autosuficiencia. Paper presented at *Ciclo de Conferencias: Nuevas Agendas de Investigación en Ciencias Sociales* at the Instituto de Investigaciones Sociales UNAM on April 29, 2019, Mexico City, Mexico.
19. **Jurjonas, M.** Contabilidad de carbono en zonas rurales: Migración y aforestación en bosques comunitarios Mexicanos. Paper presented at the *Fulbright-Garcia Robles Midterm Conference* on January 9, 2019, Mexico City, Mexico.
18. **Jurjonas, M.**, and Seekamp, E. Finding agency for climate justice: An adaptive capacity assessment tool developed in coastal North Carolina (USA). Paper presented at the *International Association for Impact Assessment Conference* on May 16, 2018, Durban, South Africa.
17. **Jurjonas, M.**, and Seekamp, E. Is there a social cost to protecting wetlands? Diverse perspectives on ecosystem services. Paper presented at the *Southeast Recreation Research Conference* on March 26, 2018, Athens, Georgia.
16. **Jurjonas, M.**, Seekamp, E., Rivers, L., and Spencer, A. Perspectives on rural coastal resilience in North Carolina: Comparisons between diverse communities. Paper presented at the *NOAA Social Coast Forum* on February 8, 2018, Charleston, South Carolina.
15. **Jurjonas, M.**, Seekamp, E., and Spencer, A. Rural coastal community resilience: A framework for assessing diverse perceptions of adaptive capacity. Poster presented at the *NC State University College of Natural Resources Research Symposium* on February 2, 2018, Raleigh, North Carolina.
14. **Jurjonas, M.**, Bhattachan, A., Dasmohapatra, S., Emanuel, R., Moorman, C., Seekamp, E., Smart, L., and Taillie, P. Salinization adaptive capacity building for land use and tourism development. Paper presented at the *Albemarle-Pamlico Ecosystem Symposium* on November 1, 2017, Raleigh, North Carolina.
13. **Jurjonas, M.**, and Seekamp, E. Rural coastal community resilience: Developing and testing a framework for evaluating climate change vulnerabilities and adaptive capacities in eastern North Carolina. Poster presented at the *Graduate Student Research Symposium NC State University* on March 22, 2017, Raleigh, North Carolina.
12. **Jurjonas, M.**, Seekamp, E., and Bitsura-Meszáros, K. Substitution of the banks: Will Outer Banks visitors stay in North Carolina under climate change? Paper presented at the *Southeast Recreation Research Conference* on March 21, 2017, Asheville, North Carolina.

11. **Jurjonas, M.**, Seekamp, E., and Solomon, J. Organic coffee production in a protected area in Chiapas, Mexico: An interdisciplinary approach to sustainable rural development. Paper presented at the *International Society of Tropical Foresters Conference at Yale* on January 26, 2017, New Haven, Connecticut.
10. **Jurjonas, M.**, and Seekamp, E. Rural coastal community resilience: Adapting to rising seas and salinization on the Ablemarle Pamlico Peninsula. Paper presented at the *Carolina Climate Resilience Conference* on September 13, 2016, Charlotte, North Carolina.
9. **Jurjonas, M.**, Seekamp E., and Whitehead, J. Rural coastal communities: Adapting to sea level rise with a changing economy. Poster presented at the *Carolina Climate Resilience Conference* on September 13, 2016, Charlotte, North Carolina.
8. **Jurjonas, M.**, Seekamp, E. Bhattachan, B., Moody, A., Morris, P., Sanchez, G., Smart, L., Tallie, P., and Emanuel, R. A multi-disciplinary approach to resilience and adaptation in rural coastal socio-ecological systems in the southeastern United States. Paper presented at the *International Symposium on Society and Resource Management* on June 20, 2016, Houghton, Michigan.
7. **Jurjonas, M.**, and Seekamp, E. Adaptive capacity in aging rural coastal communities: Is there a place for entrepreneurship. Paper presented at the *Southeast Recreational Research Conference* on March 21, 2016, Asheville, North Carolina.
6. **Jurjonas, M.**, and Seekamp, E. Conservation impacts on rural flight: Carbon credit considerations in the Sierra Norte of Oaxaca, Mexico. Poster presented at the *NC State University Latin American Research Symposium* on February 19, 2016, Raleigh, North Carolina.
5. **Jurjonas, M.**, and Seekamp, E. Rural coastal communities: A unique case of resilience versus risk. Paper presented at the *NOAA Social Coast Forum* on February 10, 2016, Charleston, South Carolina.
4. **Jurjonas, M.**, and Seekamp, E. Agricultural abandonment and out migration in the Sierra Norte of Oaxaca: Does reforestation mean sequestration? Paper presented at the *International Society of Tropical Foresters Conference at Yale* on January 29, 2016, New Haven, Connecticut.
3. Seekamp, E., and **Jurjonas, M.** Uncovering the coastal development mystery in rural communities of North Carolina's Inner Banks (USA). Poster presented at the *International Congress on Coastal and Marine Tourism* on November 11, 2015, Kailua-Kona, Hawaii.
2. **Jurjonas, M.**, Crossman, K., Solomon, J., and Lopez, W. Revolution, agrarian land reform, and privatization: Coffee and land use change in a Mexican protected area. Poster presented at the *International Symposium on Society and Resource Management* on June 23, 2015, Charleston, South Carolina.
1. **Jurjonas, M.**, and Seekamp, E. The Relationship between organic coffee certification and protected forest: Measuring land use change under agrarian land reform in Chiapas, Mexico. Paper presented at the *Southeast Recreation Research Conference* on March 25, 2015, Asheville, North Carolina.

TEACHING & MENTORING

Instructor of Record

PRT 380 Analysis and Evaluation in Parks, Recreation

2017

Department of Parks, Recreation and Tourism Management
North Carolina State University

Field Technicians Supervised

Angus Spencer 2017
Princess Mutasa 2017
Daniel Woody 2017

RELEVANT TEACHING EMPLOYMENT

Bilingual Programs Instructor 2015-2017

Bilingual and Animal Programs
North Carolina Museum of Natural Sciences
Raleigh, North Carolina

Teacher 2009-2010

English as a Second Language (ESL)
American Business English Language Solutions
Santiago, Chile

Instructor 2009

Life Skills Coaching
Young Alaskans Build Affordable Housing
Sitka, Alaska

Substitute Teacher 2008-2009

K-12
Sitka School District
Sitka, Alaska

Tutor 2008-2009

All Subjects
Mount Edgecumbe High School
Sitka, Alaska

Teacher 2007

Sail Training and Vessel Operations
Los Angeles Maritime Institute
Los Angeles, California

Teacher 2007

Computer Programming After-school Program
Open World Learning
Denver, Colorado

HONORS, FELLOWSHIPS, AND AWARDS

Graduate Education Day 2018

1 of 3 Graduate Students Selected to Feature Graduate Education at State Capital
North Carolina State University

Outstanding PhD Student (2017-2018) 2018

Department of Parks, Recreation and Tourism Management
North Carolina State University

1st Place Three Minute Thesis Competition 2018

College of Natural Resources Research Symposium
North Carolina State University

3rd Place in Social Sciences 2017

University Graduate Student Research Symposium
 North Carolina State University
Salinization Adaptive Capacity for Land Use and Tourism Development Fellow 2015-2018
College of Natural Resources Building Interdisciplinary Strengths Grant
 North Carolina State University

Collaborative Conservation Fellow 2013-2014
Center for Collaborative Conservation
 Colorado State University

CONACYT Becario 2013-2014
Master's Scholarship from the Mexican Government
 El Colegio de la Frontera Sur

Cherrington Global Scholar 2006
Study Abroad Scholarship
 University of Denver

UNIVERSITY SERVICE AND LEADERSHIP

Co-President 2016-2018
International Society of Tropical Foresters
 North Carolina State University

Treasurer 2016-2018
Graduate Student Association
 Department of Parks, Recreation and Tourism Management
 North Carolina State University

Academic and Professional Development Chair 2015-2016
Graduate Student Association
 Department of Parks, Recreation and Tourism Management
 North Carolina State University

PROFESSIONAL SERVICE

Peer Reviewer (Manuscripts)
Ciência Rural
Third World Quarterly
World Development Perspectives
 PLOS ONE
Coastal Management
Journal of Park and Recreation Administration
World Development

Proposal Reviewer
 COMEXUS Fulbright Mexican Scholars Program

PROFESSIONAL AFFILIATIONS

Ecological Society of America 2019-present
 International Society of Tropical Foresters 2015-present
 International Association for Society and Natural Resources 2015-present

PROFESSIONAL DEVELOPMENT

Planning and Facilitating Collaborative Meetings Workshop	2018
National Oceanic and Atmospheric Administration New Bern, North Carolina	
Conservation Action Planning Workshop	2012
The Nature Conservancy Fort Collins, Colorado	
Escuela Internacional de Salud Pública	2010
Two Courses: Globalización Económica y sus Efectos en la Equidad en Salud La Salud Global: Una Disciplina Emergente en Salud Global	
Universidad de Chile Santiago de Chile	
Practicum in Fisheries Biology	2007
University of Alaska Fairbanks Anchorage, Alaska	

COMMUNITY OUTREACH AND EDUCATIONAL EVENTS

- **Graduate Student Representative**, Southeast Climate Science Center Legislative Education Trip. Washington, DC. March 5-6, 2018
- **Emcee**, Adapting to More Water and Saltier Water in Eastern North Carolina Stakeholder Workshop. Columbia, North Carolina. November 2nd, 2017
- **Presenter**, Salinization in Eastern North Carolina Agency Workshop. Manteo, North Carolina October 2nd, 2017
- **Organizer and Fundraiser**, San Juan Hardrock Mining and Water Quality Conference. Silverton, Colorado. May 13-15, 2012

SKILLS

- **Meeting Facilitation**, Community forums, focus groups, and workshops
- **SPSS**, Survey data analysis
- **Nvivo**, Qualitative coding and analysis
- **QGIS**, Unguided spectral classification of Landsat images