



Geography Education Research Sessions

**A Special Track for the
2019 AAG Annual Meeting
Washington, DC
April 3-7, 2019**

*Sponsored by the
National Center for Research in Geography Education*

Each year for the AAG Annual Meeting, NCRGE organizes and compiles a track of papers, posters, and panels focusing on geography education research. NCRGE is sponsoring this track to raise the visibility of research in geography education, grow the NCRGE research coordination network, and provide productive spaces for discussion about geography education research and what makes research in the field potentially transformative. Full abstracts and session descriptions are available in the online [AAG Annual Meeting Program](#).

Wednesday, April 3

Paper: How Knowing the Purpose of Mapping Impacts the Map and the Mappers Themselves
8:50 AM - 9:10 AM in Committee Room, Omni, Lobby Hotel

Paper: Time-geography, Socio-environmental Relationships, and Education for Sustainable Development, ESD
9:55 AM – 10:15 AM in Congressional B, Omni, Lobby Level

Panel: Trends in International Geography Assessment Study: A Progress Report
2:35 PM – 4:15 PM in Wilson A, Marriott, Mezzanine Level

Paper: Inquiry Learning in Teacher-Training - Experiences and Conditions for Success
4:30 PM - 4:50 PM in Johnson, Marriott, Mezzanine Level

Paper: The Implementation and Assessment of Professional Development for In-service Teachers' Integrating GIS with Teaching
4:50 PM - 5:10 PM in Johnson, Marriott, Mezzanine Level

Paper: Achieving Long-Term Success for GIS Classroom Implementation
5:10 PM - 5:30 PM in Johnson, Marriott, Mezzanine Level

Paper: Field Studies in Geography Education
5:30 PM - 5:50 PM in Johnson, Marriott, Mezzanine Level

Thursday, April 4

Paper: A Survey on Cameroon Pre-Service Teacher's Environmental Literacy
8:00 AM - 8:20 AM in Wilson A, Marriott, Mezzanine Level

Paper: What Geography Can Tell Us About Teachers' Practice? Networks, Knowledge and Expertise. A Rural Education Case Study
8:20 AM - 8:40 AM in Wilson A, Marriott, Mezzanine Level

Paper: The Geography Teacher: a Measurement of Self-Efficacy
8:40 AM - 9:00 AM in Wilson A, Marriott, Mezzanine Level

Paper: Expanding and Maturing a Profession: Geospatial Intelligence from Essentials to Proficiency
9:00 AM - 9:20 AM in Wilson A, Marriott, Mezzanine Level

Paper: Powerful Geography's Place in Preparing Social Studies Educators
9:20 AM - 9:40 AM in Wilson A, Marriott, Mezzanine Level

Paper: Teaching Climate Change, Teachers Views, Methods and Good Examples
9:55 AM – 10:15 AM in 8211, Park Tower Suites, Marriott, Lobby Level

Paper: Assessing Environmental Education at the Primary and Secondary Levels of the UAE Curriculum
10:35 AM - 10:55 AM in Room 8211, Park Tower Suites, Marriott, Lobby Level

Paper: The Role of Academic Libraries in Geography and GIS Education
10:55 AM – 11:15 AM in Committee Room, Omni, Lobby Level

Paper: Teaching Human-Environment Geography with an Object-Based Approach
1:30 PM - 1:50 PM in 8211, Park Tower Suites, Marriott, Lobby Level

Paper: Nature 4.0 - Environmental Education and App-Based Nature Conservation Monitoring
1:50 PM - 2:10 PM in Room 8211, Park Tower Suites, Marriott, Lobby Level

Paper: Assessing Learning Outcomes in Geography and Environmental Science at the University of Denver
2:30 PM - 2:50 PM in Room 8211, Park Tower Suites, Marriott, Lobby Level

Paper: Citytrees Schoolyard: A Marriage of Information Communication Technologies and Urban Forestry to Satisfy Environmental Education Curriculum Requirements in the Province of Ontario, Canada
4:05 PM - 4:25 PM in Marshall South, Marriott, Mezzanine Level

Paper: Key Competences for Geography Education and Curriculum Improvement
5:00 PM – 5:20 PM in Room 8211, Park Tower Suites, Marriott, Lobby Level

Paper: The Value of 'Virtual' Place: Critically Looking at Developing Immersive Experiences from a Theoretical Perspective
5:00 PM – 5:20 PM in Stones Throw 1, Marriott, Mezzanine Level

Paper: Advancing a Framework to Describe School Geography Curricula around the World
6:20 PM - 6:40 PM in Room 8211, Park Tower Suites, Marriott, Lobby Level

Thursday, April 4

Symposium on Transformative Research

This symposium focuses on the work of NCRGE research coordination network members who received 2018 Transformative Research grants from NCRGE. The grantees are building research network in three areas: 1) international curriculum analysis, 2) geo-computational education, and 3) geography and civics. Information about 2019 research funding opportunities will also be shared. The symposium is open to all AAG Annual Meeting participants.

Panel: Transformative Research in Geography Education
9:55 AM - 11:35 AM in Wilson A, Marriott, Mezzanine Level

Panel: Paradigms and Milestones in Geography Education: Looking Back, Looking Forward
1:10 PM - 2:50 PM in Washington 6, Marriott, Exhibition Level

Panel: Powerful Geography: A Progress Report
3:05 PM - 4:45 PM in Washington 6, Marriott, Exhibition Level

Friday, April 5

Paper: Food, Animals, Poverty: The Influence of Stereotypes and Mindfulness on Student Openness to Studying Sustainable Development in Multiple World Regions
8:20 AM - 8:40 AM in Washington 4, Marriott, Exhibition Hall

Paper: Where is Geography Taught? The Ambiguity of the Global Studies Classroom
9:00 AM – 9:20 AM in 8223, Park Tower Suites, Marriott, Lobby Level

Panel: STEM Education Research Challenges and Opportunities for Geographers: A Discussion with NSF
9:55 AM – 11:35 AM in Wilson C, Marriott, Mezzanine Level

Paper: Fortnite Survival: Spatial Thinking and Map Reading Skills Required
10:35 AM - 10:55 AM in Washington 4, Marriott, Exhibition Level

Paper: Finding Your Way in Liminal Space: Threshold Concepts and Curriculum Design in Geography
10:55 AM - 11:15 AM in Washington 4, Marriott, Exhibition Level

Paper: Do You See What I See? Eye-Tracking in Geospatial Research
11:15 AM - 11:35 AM in Room 8223, Park Tower Suites, Marriott, Lobby Level

Panel: Where Have all the Students Gone?
1:10 PM - 2:50 PM in Washington 4, Marriott, Exhibition Hall

Panel: Geography and a Well-Rounded Education
3:05 PM - 4:45 PM in Balcony 1, Marriott, Mezzanine Level

Paper: Student Perceptions of Virtual Reality Usage in a University Classroom Using “Google Earth VR”
3:45 PM - 4:05 PM in Stones Throw 3, Marriott, Mezzanine Level

Saturday, April 6

Paper Session: GIS Education and Spatial Thinking

9:55 AM - 11:35 AM in 8224, Park Tower Suites, Marriott, Lobby Level

Paper: Experiential Model-Based Reasoning for Undergraduate Interdisciplinary Urban Water Synthesis

5:00 PM - 5:20 PM in Taylor Room, Marriott, Mezzanine Level

Paper: Understanding Students' Knowledge about Biogeography In a Higher Education University in Singapore

6:00 PM - 6:20 PM in Taylor, Marriott, Mezzanine Level

Paper: University Student Perceptions of Geography Key Words and Departmental Names

6:20 PM - 6:40 PM in Taylor, Marriott, Mezzanine Level

Posters (check AAG online program for more information)

Poster Session: Geography Education Poster Competition

Poster Session: Geography Education Poster Competition: Making Connections to The Community

Poster: Taking service-learning to scale – matching university and partner needs

Poster: University Geography faculty and club volunteers share excitement of GIS Day geospatial technologies with Western Michigan area middle school students

Poster: Understanding and Fostering Geoscience Student attitudes toward Agricultural Careers

Poster: Internships and the Local Community: Building Relationships through Projects and Transitioning into Professionals

Poster: Fostering a Feminist Pedagogy of Sustainable Food Systems

Poster: Sustainable Living and Learning Community (SLLC) Program: Assessing an Innovative Approach to Sustainability Education

Poster: B(u)y the Book: Promoting Deeper Engagement with Texts in Undergraduate Geography

Poster: Cartographic Aggression and Education: A Study of the Belize-Guatemala Border Dispute

Poster: Geospatial Analysis of Global Student Sustainable Development Understanding - Based on PISA 2015 Test

Poster: Globe-Trotting Inflatable Globes: An Impact Analysis Between the Delaware Children's Museum and Project EarthView from Bridgewater State University

Poster: Investigation and Countermeasures of China's Middle School Disaster Reduction Education

Poster: Online Local Environment Hazards Education for Young Adults Using A Social Media Platform

