

Call for papers (special): International Journal of Applied Geospatial Research (IJAGR)

Special issue on: *Geospatial Appalachia: multidisciplinary explorations of a region*

Submission Due Date 5/31/2019

Guest Editors

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Introduction

This special issue represents an opportunity to bring new methodologies and fresh perspectives to the venerable geographic tradition of investigating regions of the earth's surface through multiple lenses. The issue's region of focus is Appalachia, which we define as essentially the Appalachian physiographic region from northern Alabama and Georgia to southwestern Pennsylvania (but excluding Pittsburgh). This region has long been considered distinctive among North American regions, along cultural, social, economic, demographic, and physical dimensions, among others. While less isolated and distinctive than historically, its present, past, and future remain ripe for investigation across a remarkably wide range of scholarly and applied approaches, and many of these approaches can and do profitably employ geospatial technologies as part of the process of discovery, prediction, public participation, or problem-solving.

Objective

As the guest editors, we have two objectives for this special issue. First, we wish the articles collectively to help illuminate the nature of the Appalachia region (as defined above), contributing a volume of useful insight to the literature encompassing Appalachian studies, geospatial methods, applied geography, and the individual disciplines represented. Second, we want the issue to exemplify the rich interdisciplinary potential of geospatial technologies to increase understanding of our world and of specific parts of it.

Recommended topics

Scholars and practitioners from any relevant discipline or line of applied work are invited to submit manuscripts meeting the following three criteria:

1. Geospatial technology (utilizing quantitative, qualitative, or other approaches) plays a fundamental role in the work's process of discovery, prediction, public participation, or problem-solving;
2. The work's study area is located within Appalachia as we define it above (scale may range from the entire region to a single local site or anywhere in between);
3. The authors explicitly address in the manuscript how their work adds to knowledge or understanding of Appalachia (present, past, or future).

As the possible topics in this scenario are innumerable, we offer the following list only as a spark to authors' creative thinking:

- Human/social sciences, including human geography and its many subfields:
 - Settlement and land use patterns and changes (Indigenous, settler, present...)
 - Cultural diffusion, interaction between cultures, culture region formation
 - Transportation networks (e.g., effects of Appalachian Development Highway System; Indigenous trail networks); mobility studies
 - Trade systems of past or present; other economic research
 - Social-spatial networks
 - Political geographies (e.g., spaces of difference, contested spaces, social justice; electoral geographies, and more)
 - Tourism geographies; geographies of memory; geographies of traditional knowledge and place
 - Development and growth studies; urban/rural studies; population studies
 - Additional approaches from:
 - Anthropology, ethnography, and archaeology
 - History, ethnohistory, and public history
 - Sociology, linguistics
- Physical sciences, including physical geography and its many subfields:
 - Geomorphology, physiography, soils
 - Hydrology
 - Climate science, climate change, extreme weather events and other natural hazards
 - Biology (e.g., plant or animal distributions, communities, or habitats)
 - Ecology and historical ecology; TEK (traditional ecological knowledge)
 - Geology and earth system science
- The human-environment interface:
 - Land systems science; land use/land cover change
 - Integrated modeling
 - Invasive species; sustainability issues
 - Human ecology (people's uses of and values in land and environment)
- Natural resources
 - Management and conservation issues (e.g., wild and prescribed fire in Appalachian forests)
 - Extraction effects (e.g., mountaintop removal or other issues in coal country)
 - Green energy development

- Planning endeavors for conservation, cultural heritage preservation, public uses, and more
- Indigenous peoples of the region as they intersect any topic above as well as additional possibilities

Submission procedures

Researchers and practitioners are invited to submit papers for this special theme issue *Geospatial Appalachia: multidisciplinary explorations of a region* at <https://www.igi-global.com/calls-for-papers-special/international-journal-applied-geospatial-research/1138>, on or before **May 31, 2019**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE JOURNAL'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <http://www.igi-global.com/journals/guidelines-for-submission.aspx>. All submitted papers will be reviewed on a double-blind, peer review basis. Papers must follow APA style for reference citations.

Emails to the guest editors (above) with queries and expressions of interest are welcome.