



AAG Annual Meeting

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Paper Session:

3253 Citizen Science and Geoweb

is scheduled on Thursday, 4/23/2015, from 10:00 AM - 11:40 AM in Stetson D, Hyatt, West Tower, Purple Level

Sponsorship(s):

Geographic Information Science and Systems Specialty Group
Cartography Specialty Group
Spatial Analysis and Modeling Specialty Group

Organizer(s):

[Bandana Kar](#) - University of Southern Mississippi
[Rina Ghose](#) - University Of Wisconsin Milwaukee
[Hilary Geoghegan](#) - University of Reading

Chair(s):

[Bandana Kar](#) - University of Southern Mississippi

Abstract(s):

10:00 AM Author(s): *Andrea Minano - University of Waterloo

Abstract Title: *Geoweb Tools for Climate Change Adaptation: A Case Study in Nova Scotia's South Shore*

10:20 AM Author(s): *Jana M Viel - UW-Milwaukee

Abstract Title: *Habitat Preferences of the Common Nighthawk (Chordeiles minor) in Cities and Villages in Southeastern Wisconsin*

10:40 AM Author(s): *Kelly Hibbeler Albus, M.S. - University of North Texas, Texas A&M AgriLife Research

Abstract Title: *Recovery Potential Screening and Citizen Science to Inform Water Quality Management in the Trinity River Basin (Texas)*

11:00 AM Author(s): *Kevin Sparks - The Pennsylvania State University
Alexander Klippel - The Pennsylvania State University
Jan Oliver Wallgrün - The Pennsylvania State University
David Mark - NCGIA & Department of Geography, University at Buffalo

Abstract Title: *Assessing Environmental Information Channels for Citizen Science Land Cover Classification*

11:20 AM Author(s): *Robert Edsall - Idaho State University

Abstract Title: *Case Studies in Citizen-enabled Geospatial Inquiry*

Session Description: As the name suggests citizen science a.k.a. public participation in scientific research is a research technique that allows participation of public in the discovery new scientific knowledge through data collection, analysis, or reporting. This technique not only broadens the scope of data collection, but also enables sharing of diversity of information through collaboration of different stakeholders in solving a problem. Geoweb is an integration of the Web 2.0 Information and Communication

Technologies (ICT) (e.g., social networking sites) and geospatial technologies (e.g., digital earths like Google Earth, free and open source GIS like QGIS and location enabled devices like the iPhone) that allows sharing and generation of spatial and textual information over the web. The Geoweb provides a platform for common populace to participate in the creation and sharing of geospatial information without the aid of geospatial professionals. The main components of Geoweb are: the World Wide Web, geospatial technologies and citizens or human sensors.

From a citizen science perspective, the Geoweb has empowered stakeholders to become active scientists and decision makers. Given the growth of both Geoweb and Citizen Science, this session focuses on research contributing to current debates about the role of citizen science in Geoweb in generating useful data and information for scientific research. Researchers focusing on the following questions, as well as related topics, are welcomed to submit their papers for this session:

1. What spatial and social theories influence the use of Geoweb in generating crowd-sourced information? How effective these theories have been in successful of Geoweb?
2. Which groups of citizens are impacted by digital divide and what is the impact of digital divide on Geoweb?
3. What steps can be taken to eliminate or diminish the impacts of digital divide on successful use of Geoweb and Citizen Science?
4. What are the different applications of Geoweb and Citizen Science from policy and scientific research perspective?
5. Who are the "citizens" in citizen science? How these citizens use Geoweb and how effective is the use of citizen science in scientific research?
6. How does the socio-economic characteristics' of citizens influence their participation in scientific research?
7. How does digital divide influence the relationship between citizen science and Geoweb?
8. What is the range of participatory practices in Citizen Science and what are the values and theories that they encapsulate?
9. What should be the future of Geoweb and Citizen Science?
10. Should there be policies to monitor citizen scientists' participation in Geoweb? If so, for what purpose?
11. How effective have Geoweb and Citizen Science been in addressing issues of environmental and social justice and resource allocation, especially, from a policy making perspective?

Please note that the deadline for abstract submission is November 5, 2015. Finally, please forward this announcement to colleagues that may be interested.

Additional information regarding the conference may be found at:
http://www.aag.org/cs/annualmeeting/call_for_papers

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Contact Information:

Dr. Muki Haklay (m.haklay@ucl.ac.uk)

Organizers: Muki Haklay, University College London, UK; Rina Ghose, University of Wisconsin - Milwaukee; Bandana Kar, University of Southern Mississippi - Hattiesburg; Renee Sieber, McGill University; Hilary Geoghegan, University of Reading.

New Query