

Pre-conference workshop – AGILE 2020

Chania, Monday 15 June 2020

<https://agile-online.org/conference-2020>

1. Workshop name/title (and acronym is applicable)

Geo-Information and Society: From Interaction to Integration (GIS II)

2. Description of the workshop by listing topic(s), objective(s) and planned outcome(s)

2.1 Topic(s)

The main topics approached by the GIS II workshop are:

- Effects of society on geo-information:
 - Biases in geographical datasets and practices
 - Social context and transferability of tools and approaches
 - Social context, geo-ontologies and data interoperability
- Effects of geo-information on society:
 - Geo-informatics applications for social causes
 - Machine learning and spatial equity/diversity
- Integration of society and geo-information:
 - Representation of social context, diversity, and local knowledge in geo-information
 - Creating trustworthy and useful geo-information
 - Open source geo-informatics developments and accessibility
 - GIScience research as a community

2.2 Objective(s)

The GIS II workshop will attract a mixture of experienced and early career researchers and PhD students. By promoting an exchange of information and knowledge through keynote talks, the participants' presentations and open discussion rounds, the GIS II workshop will attain the following objectives:

- Bring together researchers dealing with the interactions between the social world and geo-information in data production, methodological developments, and applications;
- Foster an inclusive and open discussion on current achievements in integrating

society and geo-information, the existing challenges, and the favorable directions for future developments.

- More specifically, discuss the way current social contexts are shaping geo-information research and vice versa, what can geo-information research contribute to current societal issues, and what are the measures required for promoting such contributions

2.3 Planned outcome(s)

Through the web, presentations and materials from the workshops will be made available free of charge. Accepted workshop papers will be posted to an online repository allowing distribution activity, dissemination and citing. This is an important contribution to the growing body of literature in the still limited workshop's research domain.

Furthermore, upon acceptance of our workshop proposal, the organizing committee will strive to organize a special issue in a leading GIScience journal, expanding on workshop papers and including a collaborative workshop paper from the organizers and key engaged participants.

3. Abstract

Geo-information is inseparable from our social contexts, being a social product and an agent of social change. Geo-data hence cannot be separated from their production context and developments from their implementations. Different fields such as geo-ontologies and critical GIS attend to these issues while sharing a conceptualization of the two elements, geo-information and society, as separate while related. The aim of this workshop is to revisit this conceptualization, looking beyond interactions and into integration of the two. It aims to initiate discussions on topics such as the modelling of society in geo-information, computational developments for achieving societal goals, and incorporating more of society in geo-information works.

We encourage participants to submit short papers of conceptual, methodological, or empirical nature, as well as critical reviews, which relate to the relations between society and geo-information, explore them, or try to envision their future.