Geoethics Spectrum
Type of Session: Opinion Poll & Flash Talks

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This session seeks to address the variable ethical viewpoints on handling of personal geodata in different domains and topics such as police investigation, health insurance, health research, UAVs, transportation, privacy in public, trust & trustworthiness, and social justice. We will encourage an open discussion (with all participants) around scientifically driven yet subjective or controversial issues and highlight the opportunities and risks related to personal (geo) data and their protection. The session will provide an opportunity to compare how spatial data scientists' viewpoints on geoprivacy issues mirror or differ from other documented public opinions and practices on these issues.

Implementation

The discussion will be structured around a sequence of statements related to geoprivacy ethics. Participants will use a live poll system to express their views or level of agreement with each statement. Some of the statements will be fully opinion-based, while others will be fact-based, and either be true or untrue. Participants will vote in the live poll on each statement using a Likert scale ranging from strongly disagree to strongly agree. Each time, the summarized results of each statement will be discussed, elaborated on, and further supported by individual scientific experience and expertise. The session will conclude with final remarks based on the poll results along with short statements from geoprivacy experts.

Example Statements:

I would share my fitness location data with my health insurance provider to receive discounts.

I trust that the data collected by COVID-19 contact tracing apps will be deleted after the pandemic.

My phone's location cannot be tracked when I have disabled location services.

UAVs pose a risk to personal freedom and threaten one's 'privacy in public.'

Parents should always have access to the location of their children.

Flash Talks – *Speakers*

- Michael Leitner, Louisiana State University, USA

- Grant McKenzie, McGill University, Canada

- Junghwan Kim, Harvard University, USA