

The image features two globes of the Earth, one on the left and one on the right, set against a dark blue background with several interlocking gears. The globe on the left is labeled 'Humanities And social science' in white text with a purple outline. The globe on the right is labeled 'GIS' in white text with a purple outline. The gears are rendered in shades of green and blue, creating a sense of interconnectedness and mechanical complexity.

Humanities
And social science

GIS

Research Challenges and Opportunities

Goals of the round-table discussion

The header features a dark background with a large white gear on the right side. Two globes of the Earth are positioned in front of the gear, one slightly behind the other, creating a sense of depth. The globes show blue oceans and green landmasses.

- Research challenges
 - Conceptual
 - Representational
 - Informational
 - Computational
 - Educational
 - Institutional
- Research opportunities
 - low hanging fruits, high impact projects, and collaborative strategies
 - Potential directions for theses and dissertations

Panelists



- David J. Bodenhamer, Indiana University, USA
- Paul S. Ell, Queen's University Belfast, UK
- I Chun Fan, Academia Sinica, Taiwan
- Donald Janelle, University of California, Santa Barbara, USA
- Shih Lung Shaw, University of Tennessee, USA

Discussion Plan



- 1) 30 minutes: Each panelist takes five minutes to
 - Identify 2-3 research challenges
 - Make brief remarks in explanation

- 2) 30 minutes: Audience participation
 - Responses to the panel
 - Additional research challenges