

Committee on Spatial Data and Information Science, (ABJ60)

June 21, 2005

Co-chairs: Harvey Miller, Reg Souleyrette. Secretary: Cesar Quiroga.

1. Subcommittee on Research

A Subcommittee on Research was created at the January 2005 committee meeting. Unlike the other subcommittees, it is assumed that by virtue of a common interest in research, all members and friends of ABJ60 are members of this subcommittee. Subcommittee Co-chairs are Elizabeth Harper, Val Noronha.

The main goal of the Subcommittee on Research is to identify research frontiers relevant to the science and application of Geographic Information Systems in Transportation (GIS-T). In particular, the goal is to identify research activities over a 5-10 year planning horizon that will enhance the role of GIS-T in meeting broader goals of the transportation science and application communities.

Reflecting these goals are Focus Groups formed under the Subcommittee on Research. These focus groups are:

1. Safety
2. Operations and Congestion (including travel demand modeling)
3. Environment
4. Infrastructure Renewal and Asset Management
5. Security
6. Science

The 6th focus group addresses fundamental cross-cutting geographic information science challenges in transportation. This complements the other five focus areas; these are more thematically oriented.

Focus group activities include the following:

- Develop a Vision statement
- Research problem statements
- Calls for papers and paper review for Annual Meeting
- Annual meeting activities (e.g., workshops, session organization)
- Liaise with other committees/sections/groups or organizations
- Midyear meeting activities

SDIS Committee officers and focus group chairs are meeting in Washington DC during August 16-17 2005 to review focus group activities to date and plan for future activities.

We will have a workshop on the Sunday before the TRB Annual Meeting in January to review the Focus Group vision statements and nascent problem statements, receive feedback and other input, and plan for continuing activities.

2. Other Annual Meeting Activities

The SDIS committee is co-sponsoring three paper sessions:

1. Geospatial Technologies and Activity-Based Approaches (with ADB60T Task Force on Moving Activity-Based Approaches To Practice)
2. Data Modeling for Utilities within Transportation Corridors (with AFB70 Utilities).
3. Data Stewardship - Tools of the Trade (with ABJ20 Statewide Transportation Data and Information Systems, ABJ30 Urban Transportation Data and Information Systems, and ABC40 Transportation Asset Management)

We are also planning one session for papers solicited from the TRB open call.

In addition to the SDIS research subcommittee mentioned above, we are also co-sponsoring a workshop on *Data Stewardship: Meeting the Challenges of Enterprise Data Management*. Several other committees are being solicited for co-sponsorship at this time.