

DOMAIN DESCRIPTION ORGANIZATIONAL (CONCEPTUAL) ASPECTS

CHAIR: MICHAEL SUTHERLAND

University of New Brunswick
Department of Geodesy and Geomatics Engineering
Canada

Discussions will be organized around:

- What are the problems to be addressed?
- What are the potential solutions?
- What are our recommendations?

As a catalyst for critical and analytical thinking toward addressing the sessions' foci, the organizational working sessions will initially focus on:

- Clarifying, in order to obtain consensus, what is meant by “operationalization,” financing, and working processes in relation to organizations dealing with 3D cadastre;
- Identifying other consensus items relevant to the discussions.

Notwithstanding the dynamics of the discussions, the following topics should then be included (among others):

- Organizations and Good Governance
 - Understanding, at the policy level, the need for 3D cadastral information (the importance of 3D information to governance, and the need to formulate a cadastral mental model of the world in at least 3 dimensions)
 - Collaboration, cooperation, and integration of organizations to enhance data sharing (towards a cadastre of “richer” content)
 - Strategic design to optimize the management of 3D cadastral information
 - Organizational structures and 3D cadastral information
 - Understanding the need for appropriate technology (choice of hardware and software)

- Understanding clients' needs
- The need for qualified and motivated human resources
- Operational Aspects
 - The need to understand the big picture (policy and strategy) to optimize operations (quality of the human resource)
 - Task design and task-person relationships
 - Optimal database design and implementation to meet clients' needs and organizational goals
 - Methods of 3D cadastral data collection, processing, and output
 - Appropriate use of technology (equipment, software etc.)
- Financial aspects
 - Are cadastral organizations being adequately funded, relevant to their importance to society?
 - Public vs. private investment in the cadastre
 - Organizational self-sufficiency requirements and cost recovery

The foregoing was listed as stimulus for energetic discussions and not as an agenda.