

Interdisciplinary Teams in Professional Practice

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ABSTRACT

Geodetic knowledge and data, mainly GIS-related, have an important role in supporting governmental decisions. The analysis of various (technical, organizational, social and other) problems on a geographical basis is useful and effective for decision makers, who are, however, necessarily related to different disciplines. For the utilization of the advantage of geodetic-GIS analysis, management of interdisciplinary teams is essential.

The authors are convinced, that geodetic science, as a discipline, has a remarkable capability to integrate other disciplines. As a justification of this assertion, three practical examples are detailed in the paper, as follows:

- Israel Forum of Infrastructure, composed of directors general and chief scientists of geological, geophysical, oceanographic, space-research and geodetic governmental institutions.
- Inter-ministry GIS Committee, involving representatives of 25 ministries and related agencies.
- Forum of Three-dimensional Multi-layer Digital Cadastre, composed of geodetic engineers, geologists, geophysicists, lawyers, civil-engineers, urban planners, municipality representatives and others.

The establishment of the above interdisciplinary forums has been initiated by the Survey of Israel some 6-15 years ago. Since then, these forums have been successfully operating.

Following a background of the past professional evolution, the goals, the status, the structure, the functionality and the main results of each forum are described in the paper, proving the feasibility and the advantages of managing interdisciplinary teams.

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