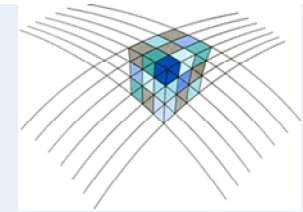


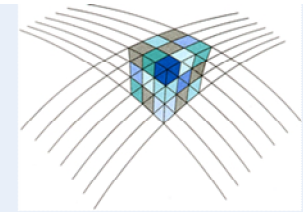
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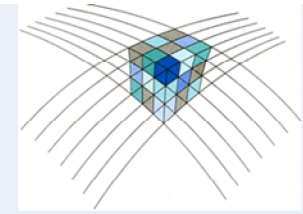
Netherlands Geodetic Commission

Some concerns on the future of Geodesy in the Netherlands

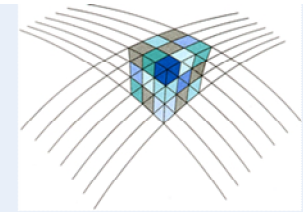
Martien Molenaar
President
Netherlands Geodetic Commission



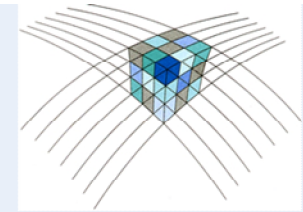
- More professional and scientific disciplines are involved in geo-information provision and use. This implies a relative decrease in awareness of the importance of the future development and maintenance reference systems.
- Change in mandate and focus of public organizations in this sector also implies a risk of reduced attention and awareness of importance and complexity of maintenance of national reference systems and other geodetic core activities.
- Similar observations can be made with respect to formulation and implementation of accuracy requirements for geodetic data and geo-information.



- There is an ongoing debate about relative roles of public and private sector in maintenance of reference systems and provision of data and services. In this debate it is no longer clear where the border between public and private responsibilities lies.
- National legislation is relatively old and not adjusted to present state of technology. Political interest in repairing this is limited or nonexistent.



- We see an increasing role of Europe, especially INSPIRE in our sector. These means that the fundamental core geodetic tasks might have to move up from the national to the international level in the future.
- Presently the role of geodetic reference systems is increasingly of international, cross border importance in modern technical and transport infrastructures, river basin management, land subsidence and sea level rise etc.



- Since the closing of the Geodetic Department of Delft University there will be no longer geodesists educated at academic level in the Netherlands.
 - That means that it is very unlikely that we will have sufficient academic experts for fundamental tasks in the field of geodesy.
 - It will therefore also be difficult in the future to link up to international fundamental scientific and technological developments in this field.