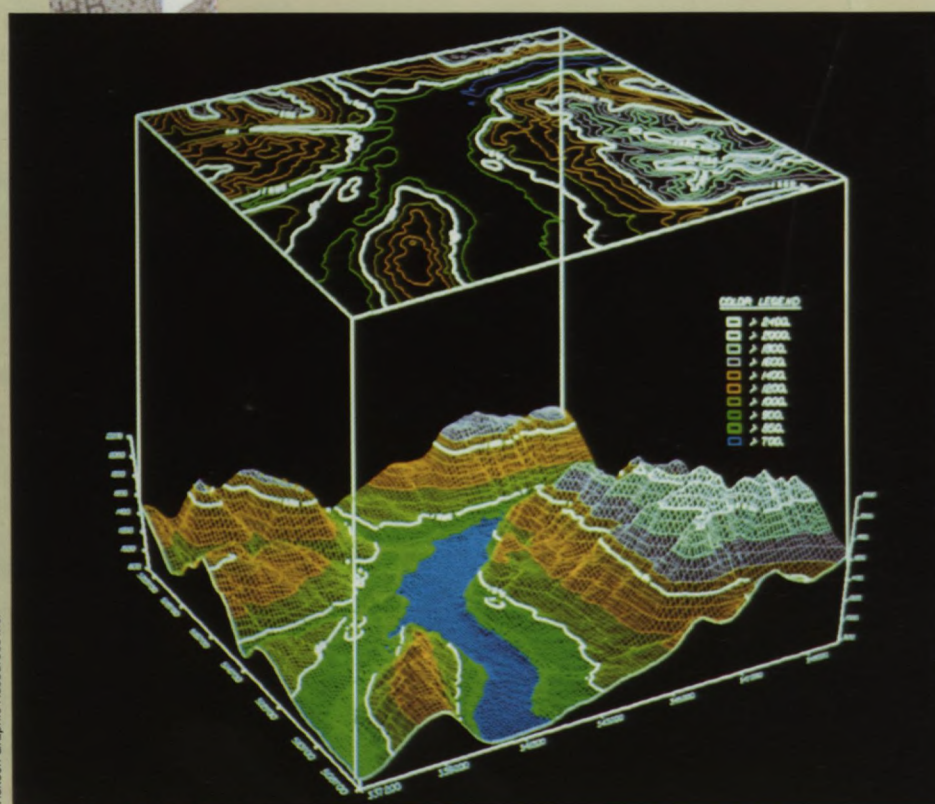


With geomatics, systems can be created to collect, manage and analyse any type of geo-referenced data. Up to 80 per cent of the information used by governments is related to geographic location, and up to 300 clearly identifiable government tasks rely directly on geographically based information. Applied geomatics provides the ability to perform these tasks more effectively, more quickly and more inexpensively than traditional manual methods.

The structural relationships among the specialties within the industry are changing. As the science of geomatics becomes more complex, the degree of specialization also increases; the same complexity also creates greater interdependence among various areas, such as land and geodetic surveying, photogrammetry, remote sensing and hydrography.

The result of this process has been a multi-disciplinary approach to geomatics in Canada. The federal government has recognized this consequence and recently established the Canada Centre for Geomatics to foster research and the growth of expertise, as well as the Inter-Agency Committee for Geomatics to co-ordinate activities among various federal departments.

The education of geomatics professionals in Canada, too, has stressed the need for a broad understanding of geomatics principles and technologies. This generalist principle has led to a professional community that can provide a comprehensive and far-sighted view of the problems and the solutions needed by those facing sensitive and urgent land and water issues. The Canadian geomatics industry is an invaluable planning resource for the growth and responsible stewardship of our common world.



Visitech Graphic Resources Inc.

A perspective view of an area in northeastern B.C. generated by Visitech using the INSIGHT surface modelling system.