

Geomatics is defined in the ISO/TC 211 series of standards as the "discipline concerned with the collection, distribution, storage, analysis, processing, presentation of geographic data or geographic information". Under another definition, it "consists of products, services and tools involved in the collection, integration and management of geographic (geospatial) data". It is also known as geomatic(s) engineering (geodesy and geoinformatics engineering or geospatial engineering). Surveying engineering was the widely used name for geomatic(s) engineering in the past.

In the present book, fifteen typical literatures about Geomatics published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on Geomatics. We hope this book can demonstrate advances in Geomatics as well as give references to the researchers, students and other related people.<sup>1</sup>

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<sup>1</sup> <https://en.wikipedia.org/wiki/Geomatics>