

## CHAPTER OVERVIEW

### 56: Geodesy

Geodesy is the study of the measurement of the Earth, its precise shape, and the details of its gravitational field. With precise determinations of latitude and longitude around the globe, geodesists provide a means to tie together results of local land surveys into a consistent, coherent, global system.

[56.1: Introduction to Geodesy](#)

[56.2: Radius of the Earth](#)

[56.3: The Cosine Formula](#)

[56.4: Vincenty's Formulæ- Introduction](#)

[56.5: Vincenty's Formulæ- Direct Problem](#)

[56.6: Vincenty's Formulæ- Inverse Problem](#)

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