

An Incomplete Geostatistics Book List

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1. **GSLIB: Geostatistical Software Library and User's Guide**, *Deutsch and Journel* – want to get started doing geostatistics now? GSLIB open source guide – start now!
2. **Applied Geostatistics with SGeMS**, *Remy, Boucher and Wu* – user guide for SGeMS open-source. Adds user friendly interface and interactive 3D visualization.
3. **Introduction to Applied Geostatistics**, *Isaaks and Srivastava* – very 'read-able' mix of theory and practice, but stops early with estimation.
4. **Geostatistics: Modeling Spatial Uncertainty**, *Chiles and Delfiner* – best coverage of modern theory and deep concepts, may not be accessible to all.
5. **Geostatistical Reservoir Modeling**, *Pyrcz and Deutsch* – good coverage of theory and practice, accessible, strong linkages to geology and coverage of modern methods.
6. **Multiple-point Geostatistics: Stochastic Modeling with Training Images**, *Mariethoz and Caers* – best coverage on multiple-point geostatistics, theory and practice.
7. **Petroleum Geostatistics**, *Caers* – concise treatment of petroleum workflows.
8. **Reservoir Model Design**, *Ringrose and Bentley* – good coverage of workflow design and tradecraft with examples.
9. **Statistics for Petroleum Engineers and Geoscientists**, *Jensen, Lake, Corbett, and Goggin* – good coverage of statistical and probabilistic approach for petroleum engineering.
10. Other Theory: **Geostatistics for Natural Resources Evaluation, Mining Geostatistics**