



Surveying Solved Problems for the FS and PS Exams, 4th Ed

By Jan Van Sickle PLS

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- effectively familiarize yourself with the exam topics
- practice using the appropriate NCEES supplied reference
- successfully connect relevant theory to challenging problems
- quickly identify accurate and efficient problem-solving approaches

Topics Covered

- Advanced Mathematics
- Basic Sciences
- Computer Operations
- Geodetic and Control Surveys
- Geographic Information Systems (GIS)
- Global Positioning System (GPS)
- Hydrography
- Land Boundary Law
- Legal Descriptions
- Photogrammetry
- Plats and Mapping

- Project Management
- Public Land Surveying System
- Surveying Astronomy
- Surveying Instruments and Procedures
- Surveying Mathematics
- Written Communication

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Editorial Review

About the Author

Jan Van Sickle, PhD, PLS, has been a licensed professional land surveyor for 31 years and is currently licensed in seven states. Dr. Van Sickle's diverse experience lends itself to a variety of surveying, geomatics, and GIS projects. He has published three GIS and GPS textbooks and has advised many companies, including Microsoft, Jeppesen, and Hess, in geospatial matters. Dr. Van Sickle served as the GIS director at Quest Communications, where he led the effort to build the GIS spatial database for the company's worldwide network. He is a senior lecturer at the Pennsylvania State University and has been a featured speaker at many conferences.

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