



Saturday, November 6, 2010

Maps & GPS Usage

(2 hour afternoon seminar on maps and GPS usage)

Takeaways: As a result of this workshop, you will have

- earned 2 CEUs to fulfill requirements for any license or certification renewal,
- made contacts with groundwater professionals who can offer assistance with future problems or opportunities,
- increased your knowledge of maps and coordinate systems,
- learned the essential components every map must include,
- increased your knowledge of hand held GPS functions,
- learned how to mark locations and how to retrieve data,
- learned how to convert between coordinate systems,
- learned how to use internet resources to create professional looking maps, and
- learned how to store and catalog map data.

Coursework:

- Fundamentals of USGS topographic maps; topographic map interpretation.
- Introduction to different coordinate systems and how to easily convert between coordinate systems using internet resources.
- Creation of location maps for well completion reports and project reports using internet resources.
- Fundamentals of the GPS system and use of recreational GPS receivers.
- Use of satellite imagery to define precise locations.
- Use of internet resources to store and catalog location information.

***Instructor:* Scott Lewis, P.G., Senior Geologist, Luhdorff & Scalmanini Consulting Engineers, Woodland, CA**

Mr. Lewis has 11 years of experience in water resources and ground-water development projects including site evaluation and exploration, hydrogeologic assessments, monitoring well and production well design, well construction and testing oversight, water well rehabilitation and overall project management. Mr. Lewis specializes in the design and construction of monitoring and municipal water wells. He holds B. S. degree in Geology from California State University Sacramento and is a California Professional Geologist

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