Surveying with UNAVCO GPS equipment Course dates: April 6-9, 2004 (poster, 2004)

211 Beth Bartel October 22, 2008 Presentations 2285

Surveying with UNAVCO GPS equipment

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Course Description:

This is a hands-on course designed for Principal Investigators, scientists and graduate students who use UNAVCO GPS equipment for surveying purposes. The course covers all phases of a survey project using GPS survey equipment. An overview of the GPS system and basic survey principles will be covered. Students will conduct a full GPS survey from start to finish including planning, field work, postprocessing, trouble shooting and network adjustment. A practical, hands-on approach to field and office sessions will be applied every day. There will also be a chance to learn about Real Time Kinematic GPS surveying (RTK) which can be beneficial for some survey applications. RTK surveying provides positions of 1-2 cm accuracy in real time, allowing for rapid data collection. RTK also has the ability to stake out points on the ground and requires no post-processing. Consider this course if you plan to use UNAVCO GPS equipment during your 2004 field season.

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