



26th Annual New York State Geographic Information Systems Conference

Sunday, October 24, 2010

Time: 1:00 pm – 4:00 pm

Positional Accuracy Assessment

Instructor: Kass Green, President Kass Green & Associates

Aim: Provide attendees with the knowledge necessary to conduct or review a positional accuracy assessment of map or imagery data.

Learning objectives: at end of the workshop, participants will:

- have knowledge of the most commonly used standards in positional accuracy, assessment and appreciate the differences between them,
- understand the assumptions behind NSSDA and other positional accuracy standards,
- understand how to design a positional accuracy assessment,
- be able to calculate positional accuracy statistics, and
- recognize the theoretical errors in NSSDA and be able to compensate for them.

Course outline: The course will cover:

- Definition of positional accuracy
- Summary of common positional accuracy standards
- Sample design and selection
- Positional accuracy assessment analysis
- Summary
- Attendees will be provided with pdfs of the common positional accuracy assessment standards as well as an excel workbook with a horizontal accuracy example.

Who the course is intended for: This is an introductory workshop for map users and producers.

Hardware: none

Software: none

Teaching time: 3 hours consisting of a lecture and discussion