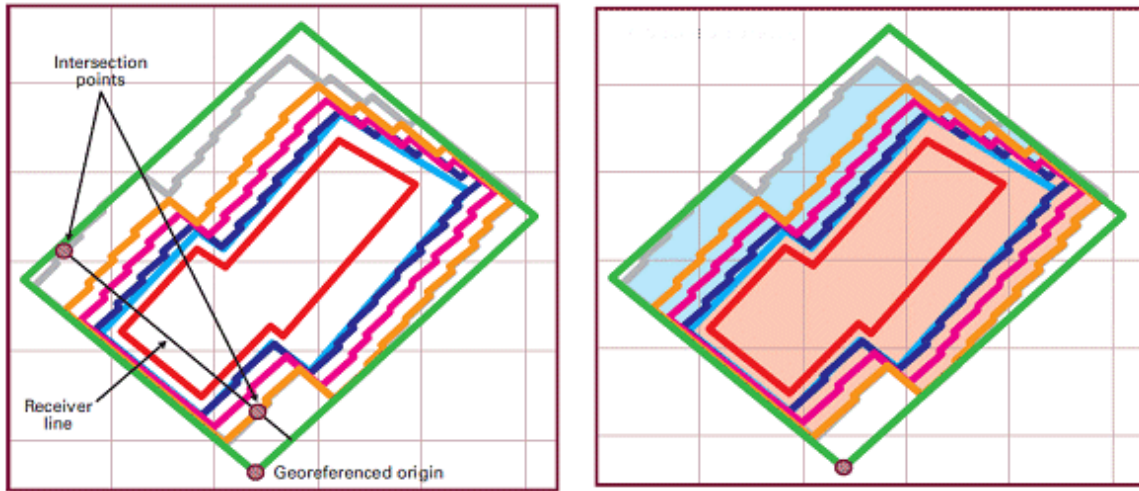


## GP-401: 3-D Seismic Data Acquisition & Survey Design



### Who Should Attend

This course is intended for QC and Operations Geophysicists as well as Data Acquisition Engineers.

### Overview

The course covers all aspects of 3D seismic survey design and acquisition.

### COURSE CONTENTS

- 3D Survey Design Workflow
- Marking Geological Area of Interest
- Migration Aperture
- 3D Geometries
- In-lines, Cross-lines and Bins
- 3D Template and Swath
- Geophone Array Response
- 3D Fold and Fold Map
- CMP Scatter within Sub-surface Bin
- Modeled Navigation and SPS Data Files

**SOFTWARE:** Computational Spreadsheets and Software Tools will be provided to the participants.