Geodesy applied to Geosciences

About the course:
That course is designed for Geoscientists willing to better understand Geodesy and use it avoiding mistakes with serious consequences.
Lecture and exercises.

Duration: 1.5 day.

Level: Basic to intermediate

Prerequisites:
No particular knowledge is requested in Geodesy, Geophysics or Geology. Scientific content is still significant and attendees must be familiar with basic mathematics.

Course objectives:
After the course, attendees could be able to:
- Understand what is Geodesy (naming, tools, limits, …).
- Take a critical look at data bases including references to Geodesy.
- QC geopositioning data.

Typical Attendees:
Subsurface professionals with or without notions of Geodesy.

Agenda:
Day 1 – Theory and examples.
Day 2 – Practice session.

Instructor:
Ludovic Peignard has been a geophysicist for the Oil and Gas Industry since 2006, in charge of many geographic areas, working for GDFSUEZ and Total groups. He founded and coded, EarthQuick, a software solution to cope with needs of swift geodata integration and interpretation. He is a freelance instructor and a vacant teacher for IFP School and EOST in Geophysics.

Data:
Course shall rely on data from Oil and Gas Industry or Near Surface as per clients' request.
2,000 EUR Tax Excluded extra cost shall be applied if clients request to run examples on their own data base.

Price:
4,000 EUR Tax Excluded, 8 attendees maximum, for the whole duration, excluding traveling and accommodation expenses.

Other Information:
Lecture could be made in English or French at the sole discretion of clients. Course media (slides and booklet) shall be written in English only. The booklet only shall be provided as a hard copy.
EarthQuick licenses are provided without extra costs, for the course duration only.

Attendees shall practice with EarthQuick Software for exercises, running EarthQuick on their own PC, compliant with following minimum requisites:
- OS: Windows 7, 8, 8.1 or 10,
- Free Space HD: 1 TB,
- Amount of RAM: 8 GB RAM,
- CPU speed: 2.4 GHz,
- CPU Core count: 2,
- Video Resolution: 1280x720.