

RADAR AND ELECTROMAGNETIC GEOPHYSICAL METHODS FIELD TRAINING
25-31 October 2009, Puys de Dome, Cleremont Ferrand
Institut de Physique du Globe de Paris

Advisors

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Survey Methods

- Low Frequency radar: 1- 200 MHz (Brought by IGP)
- High Frequency radar: 300-900 MHz (Brought by IGP)
- Vertical Electrical Resistivity (Brought by IGP)
- In-situ Dielectric measurements (Guest Experiment by Caltech)

Sites: Four locations in the Puy de Dome volcanic field in Cleremont Ferrand, each group will survey one specific site for 5 days using the four methods. An extra day is accounted for unpredicted weather condition or sites reconnaissance.

Projected agenda

Sunday 25, October, Orientation

- 1pm Arrival at SNCF station in Cleremont Ferrand
- 2 pm Arrival at the Pino Hostel, room
- 3-30: Welcome meeting,
- 3-5 pm: Safety, ethics and diversity, and reporting standards briefings
- 5-5:30: Break
- 5:30-6:30: Lecture on EM Geophysics in Terrestrial and Planetary Exploration
- 6:30-7:15: Group organization and sites assignment
- 7:15-8:30 Dinner

Monday-Friday daily program:

- 7-8 Break fast and team forward briefing
- 8-30 Commute to sites
- 8:30-12:30 Field survey with instructor on site
- 12h30-13-30 Lunch break
- 13h:30-17:30 Filed survey supervised by student group lead
- 17h30-18: commute to hostel
- 18-19: Evening break
- 19-20: Dinner and Team Summary Briefing
- 20-22h: data processing and analysis.
- 22h-22h30: All hands meeting summary of efforts

Saturday 31 October, closing

- 8:30-9:30 Break fast and final briefing
- 9:30-11:00 Packing
- 11-12: Commuting to train station
- 13:15: Departure toward Paris

Reporting and deliveries

- Abstract of 255 words for each group for the AGU spring meeting 2010.
- Poster (A0 format) for each groups summarizing the data acquired and the science objectives and results.