

Near-surface Geophysics

hergarten.at/21S/Geophysics

Institut für Geo- und
Umweltnaturwissenschaften

Geophysics Lab



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Further Reading

Books: Main Fields of Geophysics

- Reynolds (2011): *An Introduction to Applied and Environmental Geophysics*. Wiley-Blackwell.
- Telford, Geldard and Sheriff (2010): *Applied Geophysics*. Cambridge University Press.
- Burger, Sheehan and Jones (2006): *Introduction to Applied Geophysics*. Norton & Company.

MATLAB Recipes

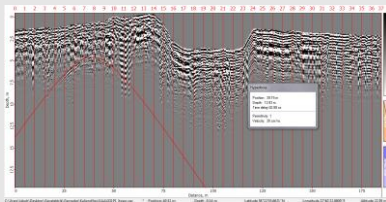
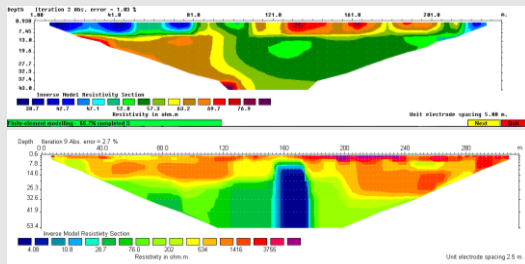
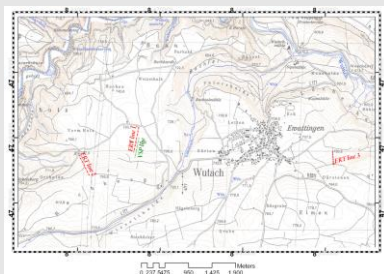
- Traut (2010): *Matlab Recipes for Earth Sciences*. Springer.

Additional scripts: Seismology

- *Fundamentals of Ray Tracing* by Rick Aster (2011):
<http://www.ees.nmt.edu/outside/courses/GEOP523/Docs/rays.pdf>

Introduction

Field exercise



- Wutach or Münstertal Valley
- 2 days in May: 19th, 26th
- 1 day in June: 25th or 23rd