



SED

Schweizerischer Erdbebendienst
Swiss Seismological Service



Information

Training Course “Seismology@School”

Training activity

Structured training course

Thematic fields of training activity

Earth Science: seismology, tectonics

Physics: sensors, waves, data logging, signal analysis

Science and Society: seismic risks

Duration of the training activity

Full five working days (excluding travel time)

Language of training activity and materials will be provided

English

Target audience

Science teachers (secondary), teacher trainers, head teachers/principals/managers of schools/organizations offering education from EU Member States and/or Associated Countries

Institution organizing the training

BGS - British Geological Survey (United Kingdom)

CNRS - Centre national de la recherche scientifique (France)

ETH - Eidgenössische Technische Hochschule (Switzerland)

HES-SO Valais – Haute Ecole Spécialisée de Suisse Occidentale (Switzerland)

INGV - Istituto Nazionale di Geofisica e Vulcanologia, (Italy)

UNINA - Università di Napoli Federico II (Italy)

Venue

Hes-so Valais- Wallis

Route de Rawyl 47,

1950 Sion, Switzerland

www.hevs.ch

Full description of training contents

Preparation

This course is addressed to secondary school teachers who are currently teaching science or geosciences or are planning to do in the future. Participants have to fill a detailed questionnaire in before the course beginning to indicate their level of experience and training and their expectations from the course.

Participants are invited to prepare a short presentation on the teaching of physics or geosciences in their school/country.

Objectives

- To provide through scientific lectures and practical new inspirations and teaching ideas for their Science classes
- To introduce techniques and tools for data acquisition
- To encourage participants to create their own materials
- To provide an opportunity for participants to meet and exchange experiences with teachers from



different countries and to consider the setting up of educational projects and inter-school links

- To increase the awareness on earthquake hazards

Methodology

- Lectures and discussion on the teaching of seismology in secondary schools
- Introduction to practical activities that can help the teaching of earth science in schools
- Day on field
- Project and on exchange of experiences through the European teacher's community

Pre-departure program

Suggested websites:

<http://www.bgs.ac.uk/ssp>

<http://www.edusismo.org>

<http://www.iris.edu>

<http://www.rissclab.unina.it>

<http://www.seismoatschool.ethz.ch>

<http://www.sismoscholar.it>

Type of certification of attendance awarded

Certificate of participation stating course title, location, dates, summary of content, number of hours
(*delivered before participants' departure*)

Follow-up activities

- Distance learning activities
- Email contacts with trainers

It is hoped that participants:

- Keep in touch each other and keep developing contacts with other participants of the course.
- Create materials to use them in their classrooms.

Information on course session/s

Date of start: October 20, 2014 Time of start: 8.30 am

Date of end: October 24, 2014 Time of end: 18.00 pm

Contact person for the course session: **Dr. Anne Sauron**

Tel : +41 789 13 15 76

Email: anne@sed.ethz.ch

Identification of the trainer/s

Name: **Paul Denton**

Professional qualification: Researcher (BGS, United Kingdom)

Role during the training: Trainer

Name: **Aldo Zollo**

Professional qualification: Professor (University of Naples, Italy)

Role during the training: Trainer

Name: **Jean-Luc Berenguer**

Professional qualification: Science Teacher (CNRS, France)

Role during the training: Trainer



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Name: **Stefano Solarino**

Professional qualification: Researcher (INGV, Italy)

Role during the training: Trainer

Name: **Gilles Hillel Wust-Bloch**

Professional qualification: Researcher (TAU, Israel)

Role during the training: Trainer

Name: **Jalal Dabbeek**

Professional qualification: Researcher (Najah, Palestine)

Role during the training: Trainer

Name: **Joseph Moerschell**

Professional qualification: Researcher (HES-SO, Switzerland)

Role during the training: Trainer

Name: **Anne Sauron**

Professional qualification: Researcher (ETH, Switzerland)

Role during the training: Trainer

Participation costs

Course Fee (in CHF): NO

Meals (in CHF) : 30 / day for 5 days : 150 CHF

Payment is due 2 months before the course starts (August 2014)

Payment: (send an email copy to Anne Sauron)

HES-SO Valais // Wallis

Route du Rawyl 47

Case postale 2134

1950 Sion 2

TVA n° 714 004

CHE-116-039.847

Bank information : payment in CHF

Référence : 36032

Banque Cantonale du Valais

Rue des Cèdres 8

Case postale

1951 Sion

Clearing 765

CCP 19-81-6

Code Swift : BCVSCH2LXXX

IBAN : CH81 0076 5000 R018 3871





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Cancellation rules

There is no cancellation fee

Cancellation of the training event

If the training event will be cancelled, the participant will not be charged with any costs and any course fee paid by participants will be reimbursed.

Provision for special needs (*disabled, dietary, religious, ethnic,...*)

Every reasonable effort will be made to accommodate special needs if required.

Information about course and payment

Contact person: **Dr. Anne Sauron**

Email: anne@sed.ethz.ch

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