



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
DIPARTIMENTO DI SCIENZE BIOLOGICHE,  
GEOLOGICHE E AMBIENTALI



IAVCEI Commission on Volcano Geology  
3rd International Workshop  
**Etna-Aeolian Islands, July 3-10 2016**



# GEOLOGICAL FIELDWORK IN VOLCANIC AREAS

## MAPPING TECHNIQUES AND APPLICATIONS

### PROGRAM

*(provisional depending on weather conditions and time schedule of transportations)*

#### **Sunday, July 3**

16,00 Arrival of participants in Catania and transfer to Linguaglossa. Meeting point at the Catania airport, close to the "I Dolci di Nonna Vincenza" pastry shop, leaving the luggage claim area to the left for 50 m.

16,30 Bus transfer to the Hotel

18,00 Hotel accommodation

19,00 Registration and Ice Breaker

20,30 Dinner

#### **Monday, July 4**

General Discussion and key-lecture

8,00-8,30 Poster hang up

8,30 Welcome messages (E. Privitera-INGV, R. Sulpizio-IAVCEI SG)

8,45 Presentation of the workshop (G. Groppelli and J. Martì-VG Commission Leaders)

General Discussion and key-lectures (Chairmans: J. Martì, G. Groppelli)

9,00 Geological mapping in volcanic areas: state of the art (G. Groppelli)

9,30 UBU in volcanic stratigraphy: applications and limitations (F. Lucchi)

10,00 Mapping of lava flows and monogenetic cones, and stratigraphic role of tephra layers (S. Branca, M. Coltelli, K. Nemeth)

10,45 Coffee Break

11,00 WEB-GEO-Database in geological mapping: usefulness and applications (E. De Beni)

11,15 The use of geological data for hazard evaluation (R. Sulpizio, J. Martì)

12,00 The geology of explosive super-volcanoes (M. Branney)

12,30 General Discussion

13,00 Lunch

14,30 Poster session

17,00 Coffee break

17,15 General Discussion

18,00 Introduction to the Etna fieldtrips (S. Branca, M. Coltelli, G. Groppelli)

20,30 Dinner

### ***Tuesday, July 5***

Field excursion on the Valle del Bove depression (Mt. Etna)

*(field boots, rain jacket, hat and solar cream are strongly recommended)*

7,45 Bus transfer to Rifugio Sapienza

9,00 Arrival at Rifugio Sapienza and transfer to the Montagnola (via cable cabin)

(Packed Lunch)

17,30 End of the field excursion

18,30 Arrival to the hotel

20,30 Dinner

### ***Wednesday, July 6***

Field excursion to the Ellittico caldera and NE-Rift of Mt. Etna.

*(field boots, rain jacket, hat and solar cream are strongly recommended)*

8,15 Bus transfer to Piano Provenzana after check out from the hotel (personal luggages to be placed in the bus)

9,00 Arrival to Piano Provenzana and transfer to Pizzi Deneri at 2900 m a.s.l. (via 4X4 van)

(Packed Lunch)

16,00 Bus transfer to Milazzo

19,30 Hydrofoil transfer to Vulcano Island

21,00 Hotel accommodation and Dinner

### ***Thursday, July 7***

Discussion and Lipari fieldtrip

9,00 General Discussion

11,00 Coffee break

11,30 Introduction to the Lipari-Vulcano fieldtrips

13,00 Lunch

14,30-19,00 Boat navigation around Lipari Island

*(hat, solar cream and swimsuit are strongly recommended)*

21,00 Dinner

### ***Friday, July 8***

Fieldtrip to the active cone of La Fossa di Vulcano and surrounding caldera.

*(field boots, hat and solar cream are recommended)*

9,00-17,00 Ascent to the active cone of La Fossa di Vulcano

(Packed Lunch)

20,00 Dinner

### ***Saturday, July 9***

Discussion and Stromboli fieldtrip

9,00 Final discussion

12,30 Lunch

14,00 Boat travel to Panarea and Stromboli islands

17,00-23,00 Ascent to the Stromboli active craters (920 m a.s.l.)

*(field boots and lamp are mandatory, spare T-shirt and wind-jacket are recommended)*

23,00 Dinner on the boat

00,30 Return to Vulcano Island

### ***Sunday, July 10***

Departure of participants

#### **ORGANIZERS**

- S. Branca, E. De Beni (INGV-OE, Italy)
- G. Groppelli (CNR-IDPA, Italy)
- F. Lucchi (BIGEA, University of Bologna, Italy)
- R. Sulpizio (DSTG, University of Bari, Italy)