



Istituto Nazionale di
Geofisica e Vulcanologia
Sezione di Catania

Publicazioni 1997

- 0642 **Bonaccorso A., Gambino S.**, 1997. Impulsive tilt variations on Mount Etna volcano. *Tectonophysics*, 270, 1-2, 115-125
- 0646 **Cocina O., Neri G., Privitera E., Spampinato S.**, 1997. Stress tensor computations in the Mount Etna area (Southern Italy) and tectonic implications. *J. Geodynamics*, 23, 2, 109-127
- 0655 **Gresta S., Patanè D., Daniel A., Zan L., Carletti A., Befekadu O.**, 1997. Seismological evidence of active faulting in the Tendaho Rift (Afar Triangle, Ethiopia). *PAGEOPH*, 149, 357-374
- 0665 **Lanzafame G., Leonardi A., Neri M., Rust D.**, 1997. Late overthrust of the Appennine-Maghrebian Chain at the NE periphery of Mt. Etna, Sicily. *C.R. Acad. Sc. Paris*, 324, IIa, 325-332, 1997.
- 0666 **Di Stefano V.**, 1997. Telerilevamento Video. La Montagnola - Etna. IIV Open file Report, 1/97, 39 pp., 1997.
- 0667 **Patanè D., Ferrucci F., Giampiccolo E., Scaramuzzino L.**, 1997. Source scaling of microearthquakes at Mt. Etna volcano and in the Calabrian Arc (Southern Italy). *Geoph. Res. Lett.*, 24,15, 1879-1882, 1997.
- 0668 **Cocina O., D'Amico G., Longo E., Torrisi O., Alparone S.**, 1997. Banca dati sismici dell'Istituto Internazionale di Vulcanologia : stato di avanzamento dei lavori. IIV Technical Report, 2/97, 48 pp., 1997.
- 0669 **Maugeri S.R., Nunnari G., Puglisi G.**, 1997. Inverting ground deformation data: a comparison between the Least-Square method and Neural approach. *Acta Vulcanol.*, 9, 1/2, 135-140, 1997.
- 0670 **Lanzafame G., Neri M., Coltelli M., Lodato L., Rust D.**, 1997. North-South compression in the Mt. Etna region (Sicily): spatial and temporal distribution. *Acta Vulcanol.*, 9, 1/2, 121-133, 1997.
- 0671 **Lanzafame G., Bousquet J.C.**, 1997. The maltese escarpment and its extension from Mt. Etna to Aeolian Islands (Sicily): importance and evolution of lithosphere discontinuity. *Acta Vulcanol.*, 9, 1/2, 113-120, 1997.
- 0672 **Budetta G., Carbone D.**, 1997. Potential application of the Scintrex CG-3M gravimeter for monitoring volcanic activity: results of field trials on Mt. Etna, Sicily. *J. Volc. Geoth. Res.*, 76, 199-214, 1997.

- 0673 **Del Negro C., Ferrucci F., Napoli R.**, 1997. Retrieval of large volcanomagnetic effects observed during the 1981 eruption of Mt. Etna *Annali di Geofisica*, 40, 2, 547-562, 1997.
- 0674 **Patanè D., Ferrari F.**, 1997. SismPol_a Visual Basic computer program for interactive and automatic earthquakes waveform analysis. *Computer & Geosciences*, 23-9, 1005-1012, 1997.
- 0677 **Armienti P., Pareschi M.T., Pompilio M.**, 1997. Lava textures and Time scale of magma storage at Mt. Etna (Italy). *Acta Vulcanol.*, 9, 1/2, 1-5, 1997.
- 0678 **Azzaro R.**, 1997. Seismicity and active tectonics along the Pernicana fault, Mt. Etna (Italy). *Acta Vulcanol.*, 9, 1/2, 7-14, 1997.
- 0679 **Azzaro R., Barbano S.**, 1997. Intensity-magnitude relationship for the Mt. Etna area (Italy). *Acta Vulcanol.*, 9, 1/2, 15-21, 1997.
- 0680 **Azzaro R., Del Negro C., Rasà R.**, 1997. Magnetic evidences of a buried graben-like structure in the Pernicana-Provenzana area (Mt. Etna, Sicily) and hydrogeological implications. *Acta Vulcanol.*, 9, 1/2, 23-30, 1997.
- 0681 **Budetta G., Carbone D., Greco F.**, 1997. Microgravity studies as an improved tool in monitoring volcanic activity of Mt. Etna. *Acta Vulcanol.*, 9, 1/2, 37-43, 1997.
- 0682 **Del Negro C., Ferrucci F., Napoli R.**, 1997. The permanent network for magnetic surveillance of Mt. Etna: changes in the geomagnetic total intensity observed in 1995. *Acta Vulcanol.*, 9, 1/2, 67-72, 1997.
- 0683 **D'Orazio M., Tonarini S., Innocenti F., Pompilio M.**, 1997. Northern Valle del Bove volcanic succession (Mt. Etna, Sicily): petrography, geochemistry, Sr-Nd isotope data. *Acta Vulcanol.*, 9, 1/2, 73-86, 1997.
- 0684 **Garduno V.H., Neri M., Pasquarè G., Borgia A., Tibaldi A.**, 1997. Geology of the NE-Rift of Mount Etna (Sicily, Italy). *Acta Vulcanol.*, 9, 1/2, 91-100, 1997.
- 0686 **Bonaccorso A., Gambino S., Falzone G., Privitera E.**, 1997. The volcanological observatory of the Mt. Melbourne (Northern Victoria Land, Antarctica). In: "The Antarctic Region: Geological evolution and processes", C.A. Ricci (Ed.), Terra Antartica Publication, Siena, 1083-1086, 1997.
- 0687 **Bonaccorso A., Gambino S., Privitera E.**, 1997. A geophysical approach to the dynamics of Mt. Melbourne (Northern Victoria Land, Antarctica). In: "The Antarctic Region: Geological evolution and processes", C.A. Ricci (Ed.), Terra Antartica Publication, Siena, 531-538, 1997.