



Istituto Nazionale di
Geofisica e Vulcanologia
Sezione di Catania

Publicazioni 2001

- 0785 **Andò B., D. Carbone**, 2001. A Methodology for Reducing the Signal from a Continuously Recording Gravity Meter for the Effect of Meteorological Parameters. *IEEE Transactions on Instrumentation and Measurement*, 50 (5), 1248-1254.
- 0786 **Andronico, D., S. Branca, and P. Del Carlo**, 2001. The 18.7 ka phreatomagmatic flank eruption on Etna (Italy): relationship between eruptive activity and sedimentary basement setting. *Terra Nova*, 13 (4), 235-240.
- 0787 **Armienti, P., M. Tamponi, and M. Pompilio**, 2001. Sand provenance from major and trace element analyses of bulk rock and sand grains from CRP2/2A, Victoria Land Basin, Antarctica. *Terra Antarctica*, 8, 569-582.
- 0788 **Azzaro, R., M.S. Barbano, R. Rigano, S. Vinciguerra**, 2001. Time seismicity patterns affecting local and regional fault systems in the Etna region: preliminary results for the period 1874-1913. *J. Geol. Soc.*, 158, 561 - 572.
- 0789 **Azzaro, R., M. Mattia, G. Puglisi**, 2001. (2001): Fault creep and kinematics of the eastern segment of the Pernicana fault (Mt. Etna, Sicily) derived from geodetic observations and their tectonic significance. *Tectonophysics*, 333, 401 - 415.
- 0790 **Balogh, K., P. Cassola, M. Pompilio, and D. Puglisi**, 2001. - Petrographic, geochemical and radiometric data on tertiary volcano-arenitic beds from the Sicilian Maghrebian Chain: volcanic sources and geodynamic implications. *Geologica Carpathica*, 52 (1).
- 0791 **Bonaccorso, A. and D. Patanè**, 2001. Shear response to an intrusive episode at Mt. Etna volcano (January 1998) inferred through seismic and tilt data. *Tectonophysics*, 334/2, 61-75.
- 0792 **Bonaccorso, A.**, 2001. Mt Etna volcano: modelling of ground deformation patterns of recent eruptions and considerations on the associated precursors. *J.Volcan.Geoth. Res*, 109, 99-108.
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- 0795 **Branca, S., V. Ferrara**, 2001. An example of river pattern evolution produced during the lateral growth of a central polygenetic volcano: the case of the Alcantara river system, Mt Etna (Italy). *Catena*, 45/2, 85-102.

- 0796 **Bruno, N., T. Caltabiano, S. Giammanco, R. Romano**, 2001. Degassing of SO₂ and CO₂ at Mount Etna (Sicily) as indicator of pre-eruptive ascent and shallow emplacement of magma, *J. Volcanol. Geotherm. Res.*, 110, 137-153.
- 0797 **Budetta G., D. Carbone, F. Greco**, 2001. Microgravity observations on Mt. Etna during the 2001 eruption. *Atti del Convegno Scientifico annuale del Gruppo Nazionale per la Vulcanologia (GNV)*. Roma, 9-11 Ottobre 2001, 226-227.
- 0798 **Burton, M. R., C. Oppenheimer, L. A. Horrocks & P. W. Francis**, 2001. Diurnal changes in volcanic plume chemistry observed by lunar and solar occultation spectroscopy. *Geophysical Research Letters* 28, 843-846.
- 0799 **Cardaci, C., O. Cocina, E. Privitera, V. Longo, S. Velardita, A. Biviano, M. Marturano e E. Giampiccolo.**, 2001. Seismic activity at Aeolian Islands during 1996. In *Data related to eruptive activity, unrest phenomena and other observation on the Italian active volcanoes (1996)*. *Acta Vulcanologica*, 12 (1-2), 107-108.
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- 0801 **Di Grazia, G., H. Langer, A. Ursino, L. Scarfi, S. Gresta**, 2001. On the estimation of earthquake magnitude at a local seismic network, *Annali di Geofisica*, 44, 3, 579-591.
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- 0803 **Falsaperla, S. and C. Cardaci**, 2001. Seismic activity at Stromboli in 1996. *Acta Vulcanol.*, 12, 1, 109-111.
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- 0810 **Pompilio, M., P. Armienti, and M. Tamponi**, 2001. Petrography, mineral composition and geochemistry of volcanic and subvolcanic rocks of CRP-3, Victoria Land Basin, Antarctica. *Terra Antarctica*, 8, 469-480.
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