



Pubblicazioni 2015

1. Alparone, S., Maiolino V., Mostaccio A., Scaltrito A., Ursino A., Barberi G., D'Amico S., Di Grazia G., Giampiccolo E., Musumeci C., Scarfi L. and Zuccarello L. (2015). Instrumental seismic catalogue of Mt. Etna earthquakes (Sicily, Italy): ten years (2000-2010) of instrumental recordings, *Annals of Geophysics*, 58,4, DOI 10.4401/ag-6591
2. Andronico, D., Scollo S. and Cristaldi A. (2015). Unexpected hazards from tephra fallouts at Mt Etna: The 23 November 2013 lava fountain, *J. Volcanol. Geotherm. Res.*, 304, 118-125, DOI 10.1016/j.jvolgeores.2015.08.007
3. Azzaro, R.; D'Amico, S.; Tuvè, T. (2015) Seismic hazard assessmenti in the volcanic region of Mt. Etna (Italy): a probabilistic approach based on macroseismic data applied to volcano-tectonic seismicity. *Bulletin of Earthquake Engineering*, doi: 10.1007/s10518-015-9806-2
4. Bauducel, F. and Carbone D. (2015). A strategy to explore the topography-driven distortions in the tilt field induced by a spherical pressure source. The case of Mt. Etna, *Geophys. J. Int.*, 201, 1471–1481, DOI 10.1093/gji/ggv076
5. Bernharðsdóttir A., G. Musacchio, M.A. Ferreira, S. Falsaperla (2015) Informal education for disaster risk reduction. *Bull. Earthquake Eng.*, DOI 10.1007/s10518-015-9771-9.
6. Bilotta, G., Hérault, A., Cappello, A., Ganci, G., and Del Negro C. (2015) GPUSPH: a Smoothed Particle Hydrodynamics model for the thermal and rheological evolution of lava flows,in: A.J.L. Harris, T. De Groot-Harmsma, F. Garel, S.A. Carn (Eds.), Detecting, modelling and responding to effusive eruptions, *Geol. Soc. Lond. (Spec. Publ.)*, 426 (2015),doi: 10.1144/SP426.24
7. Bonaccorso, A., Calvari S. and Boschi E. (2015). Hazard mitigation and crisis management during major flank eruptions at Etna volcano: reporting on real experience, Book Chapters, Editors: Harris A. J.L., De Groot-Harmsma T., Garel F., Carn S.A., Geological Society, London, Special Publications, <http://doi.org/10.1144/SP426.4>
8. Bonaccorso, A., Bonforte A. and Gambino S. (2015). Twenty-five years of continuous borehole tilt and vertical displacement data at Mount Etna: Insights on long-term volcanic dynamics, *Geophys. Res., Lett.*, 42, 23, DOI 10.1002/2015GL066517
9. Bonforte, A. and Guglielmino F. (2015). Very shallow dyke intrusion and potential slope failure imaged by ground deformation: The 28 December 2014 eruption on Mount Etna, *Geophys. Res., Lett.*, 42, DOI 10.1002/2015GL063462
10. Bonforte, A., Catalano S., Maniscalco R., Pavano N., Romagnoli G., Sturiale G. and Tortorici G. (2015).Geological and geodetic constraints on the active deformation along the northern margin of the Hyblean Plateau (SE Sicily), *Tectonophysics*, 640-641, 80-89, DOI 10.1016/j.tecto.2014.11.024
11. Boni, R., Herrera G., Meisina C., Notti D., Bèjar-Pizarro M., Zucca F., Gonzàlez P.J., Palano M., Tomàs R., Fernàndez J., Fernàndez-Merodo J.A., Mulas J., Aragòn R., Guardiola-Albert C. and Mora O. (2015).



Twenty-year advanced DInSAR analysis of severe land subsidence: The Alto Guadalentín Basin (Spain) case study, *Engineering Geology*, 198, 40-52, DOI 10.1016/j.enggeo.2015.08.014

12. Bottari, C., Coltelli M. and Monaco C. (2015). Evidence of Late Roman collapse at Catania (Sicily, southern Italy): An earthquake in the 4th century AD?, *Quaternary International*, 357, 336-343, DOI 10.1016/j.quaint.2014.10.037
13. Branca, S. and Vigliotti L. (2015). Finding of an historical document describing an eruption in the NW flank of Etna in July 1643 AD: timing, location and volcanic products. *Bull Volcanol*, 77, 95, DOI 10.1007/s00445-015-0979-y
14. Branca, S. Azzaro R., De Beni E., Chester D., and Duncan A. (2015). Impacts of 1669 eruption and the 1693 earthquakes on the Etna Region, (Eastern Sicily, Italy): an example of recovery and response of a small area to extreme events. *J. Volcanol. Geotherm. Res.*, 303, 25-40, DOI 10.1016/j.jvolgeores.2015.07.020
15. Branca, S. and Abate T. (2015). Il disegno delle eruzioni storiche dell'Etna: Percorsi Iconografici dal XVI secolo ad oggi, Book, Edizione Caracol, ISBN 978-88-98546-29-9
16. Burton, M., Salerno, G., D'Auria, L., Caltabiano, T., Maugeri, R., Murè, F., (2015) SO₂ flux monitoring at Stromboli with the new permanent INGV SO₂ Camera system: a comparison with the FLAME network and seismological data, *J. Volcanol. Geot Res*, doi:10.1016/j.jvolgeores.2015.02.006
17. Calabrese S; Randazzo L; Daskalopoulou K; Milazzo S; Scaglione S; Vizzini S; Tramati CD; D'Alessandro W; Brusca L; Bellomo S; Giuffrida GB; Montana G; Salerno G; Giammanco S; Caltabiano T; Parello F. Mount Etna volcano (Italy) as the major “dust” point source in the Mediterranean area. *Arab J Geosci.*, DOI 10.1007/s12517-015-2165-0 (in press)
18. Cannata, A., Spedalieri G., Behncke B., Cannavò F., Di Grazia G., Gambino S., Gresta S., Gurrieri S., Liuzzo M. and Palano M. (2015). Pressurization and depressurization phases inside the plumbing system of Mount Etna volcano: Evidence from a multiparametric approach, *Journal of geophysical research - solid earth*, 5965-5982, DOI 10.1002/2015JB012227
19. Cannavò, F., Camacho A.G., Gonzàles P.J., Mattia M., Puglisi G. and Fernàndez J. (2015). Real Time Tracking of Magmatic Intrusions by means of Ground Deformation Modeling during Volcanic Crises, *Scientific Reports*, 5:10970, DOI: 10.1038/srep10970.
20. Cannavò, F., Arena A., and Monaco C. (2015). Local geodetic and seismic energy balance for shallow earthquake prediction, *Journal of Seismology*, 19,1, DOI: 10.1007/s10950-014-9446-z
21. Cappello, A., Geshi N., Neri M. and Del Negro C. (2015). Lava flow hazards—An impending threat at Miyakejima volcano, Japan, *J. Volcanol. Geotherm. Res.*, 308, 1-9, DOI 10.1016/j.jvolgeores.2015.10.005
22. Cappello, A., Zanon V., Del Negro C., Ferreira T. and Queiroz M. (2015). Exploring lava-flow hazards at Pico Island, Azores Archipelago (Portugal), *Terra Nova*, 27, 156-161, DOI 10.1111/ter.12143
23. Cappello, A., Herault A., Bilotta G., Ganci G. and Del Negro C. (2015). MAGFLOW: a physics-based model for the dynamics of lava-flow emplacement, Book Chapter, <http://sp.lyellcollection.org> at Instituto Nazionale Di Geofisica e Vulcanologia on November 11, 2015



24. Carbone, D., Zuccarello L., Messina A., Scollo S. and Rymer H. (2015). Balancing bulk gas accumulation and gas output before and during lava fountaining episodes at Mt. Etna, *Scientific Reports*, 5:18049 DOI 10.1038/srep1804
25. Carcione, J.M., Da Col, F., Currenti, G., Cantucci, B. (2015). Modeling techniques to study CO₂-injection induced micro-seismicity, *International Journal of Greenhouse Gas Control*, 42, 246-257, doi:10.1016/j.ijggc.2015.08.006
26. Catalano, R., Immè G., Mangano G., Morelli D., Aranzulla M., Giannanco S. and Thinova L. (2015). In situ and laboratory measurements for radon transport process study, *J Radioanal Nucl Chem*, 306, 3, DOI 10.1007/s10967-015-4336-6
27. Cultrera, F., Barreca G., Scarfi L. and Monaco C. (2015). Fault reactivation by stress pattern reorganization in the Hyblean foreland domain of SE Sicily (Italy) and seismotectonic implications, *Tectonophysics*, 661, DOI 10.1016/j.tecto.2015.08.043
28. D'Amico, S; Meroni, F; Sousa, M. L.; Zonno, G. (2015) Building vulnerability and seismic risk analysis in the urban area of Mt. Etna volcano (Italy). *Bulletin of Earthquake Engineering*, doi: 10.1007/s10518-015-9804-4
29. De Beni E., Behncke B., Branca S., Nicolosi I., Carluccio R., D'Ajello Caracciolo F. and Chiappini M. (2015). The continuing story of Etna's New Southeast Crater (2012-2014): evolution and volume calculations based on field surveys and aerophotogrammetry. *J. Volcanol. Geotherm. Res.*, 303, 175–186, DOI 10.1016/j.jvolgeores.2015.07.021
30. De Guidi, G., Barberi G., Barreca G., Bruno V., Cultera F., Grassi S., Imposa S., Mattia M., Monaco C., Scarfi L. and Scudero S. (2015). Geological, seismological and geodetic evidence of active thrusting and folding south of Mt. Etna (eastern Sicily): Revaluation of “seismic efficiency” of the Sicilian Basal Thrust, *Journal of Geodynamics*, 90, 32–41, DOI 10.1016/j.jog.2015.06.001
31. Del Negro, C., Cappello A. and Ganci G. (2015). Quantifying lava flow hazards in response to effusive eruption, *Bull Geol. Soc. Am.*, doi:10.1130/B31364.1
32. Del Pezzo, E., Bianco F., Giampiccolo E., Tusa G. and Tuvé T. (2015). A reappraisal of seismic Q evaluated at Mt. Etna volcano. Receipt for the application to risk analysis, *Journal of Seismology*, 19, DOI 10.1007/s10950-014-9453-0
33. Diaz-Moreno, A., Ibàñez J.M., De Angelis S., Garcia-Yeguas A., Prudencio J., Morales J., Tuvé T. and García L. (2015). Seismic hydraulic fracture migration originated by successive deep magma pulses: The 2011–2013 seismic series associated to the volcanic activity of El Hierro Island, *Journal of geophysical research - solid earth*, 120, DOI 10.1002/2015JB012249
34. Esposito, A., Pietrantonio G., Bruno V., Bonforte A., Guglielmino F., Mattia M., Puglisi G., Sepe V. and Serpelloni E. (2015). Eighteen years of GPS surveys in the Aeolian Islands (southern Italy): open data archive and velocity field, *Annals of Geophysics*, 58,4, DOI 10.4401/ag-6823
35. Falsaperla, S. and Neri M. (2015). Seismic footprints of shallow dyke propagation at Etna, Italy, *Nature Publishing Group, Scientific Report*, 5:11908, DOI 10.1038/srep11908
36. Ferranti, L., Giuliano M., Burrato P., Palano M. and Cannavò F. (2015). The seismogenic structure of the 2013–2014 Matese seismic sequence, Southern Italy: implication for the geometry of the



Apennines active extensional belt, *Geophys. J. Int.*, 201, DOI 823–837, DOI 10.1093/gji/ggv053

37. Ganas, A., Cannavò F., Chousianitis K., Kassaras I. and Drakatos G. (2015). Displacements recorded on continuous GPS stations following the 2014 M6 Cephalonia (Greece) earthquakes: Dynamic characteristics and kinematic implications, *Acta Geodyn. Geomater.*, 12, 1 (177), 5–27, DOI 10.13168/AGG.2015.0005
38. Ganci, G., Bilotta, G., Cappello, A., Héroult, A. and Del Negro C. (2015) HOTSAT: a multiplatform system for the thermal monitoring of volcanic activity using satellite data, in: A.J.L. Harris, T. De Goeve, F. Garel, S.A. Carn (Eds.), Detecting, modelling and responding to effusive eruptions, *Geol. Soc. Lond. (Spec. Publ.)*, 426 (2015), doi: 10.1144/SP426.21
39. Granieri, D., Salerno G., Liuzzo M., La Spina A., Caltabiano T., Giudice G., Giuffrida G., Gutierrez E., Montalvo F., Burton M. and Papale P. (2015). Emission of gas and atmospheric dispersion of SO₂ during the December 2013 eruption at San Miguel volcano (El Salvador, Central America), *Geophys. Res., Lett.*, 42, 14, DOI 10.1002/2015GL064660.
40. Greco, F., Biolcati E., Pistorio A., D'Agostino G., Germak A., Origlia C. and Del Negro C. (2015). Absolute gravity measurements at three sites characterized by different environmental conditions using two portable ballistic gravimeters. *The European Physical Journal Plus*, 130, 38, DOI 10.1140/epjp/i2015-15038-0
41. Hernàndez, P.A., Melià G., Giammanco S., Sortino F., Barrancos J., Pérez N.M., Padròn E., López M., Donovan A., Mori T., Notsu K. (2015). Contribution of CO₂ and H₂S emitted to the atmosphere by plume and diffuse degassing from volcanoes: the Etna volcano case study, *Surveys in Geophysics*, DOI 10.1007/s10712-015-9321-7
42. La Spina, A., Burton M., Allard P., Alparone S. and Murè F. (2015). Open-path FTIR spectroscopy of magma degassing processes during eight lava fountains on Mount Etna, *Earth and planetary science letters*, 413, 123–134, DOI 10.1016/j.epsl.2014.12.038
43. Langer H, Tusa G, Scarfi` L, Azzaro R (2015) Ground-motion scenarios on Mt Etna inferred from empirical relations and synthetic simulations. *Bull Earth Eng.* doi:10.1007/s10518-015-9823-1.
44. Latutrie, B., Andredakis, I., De Goeve, T., Harris, A. J. L., Langlois, E., van Wyk de Vries, B., Saubin, E., Bilotta, G., Cappello, A., Crisci, G. M., D'Ambrosio, D., Del Negro, C., Favalli, M., Fujita, E., Iovine, G., Kelfoun, K., Rongo, R., Spataro, W., Tarquini, S., Coppola, D., Ganci, G., Marchese, F., Pergola, N. and Tramutoli, V. (2015) Testing a geographical information system for damage and evacuation assessment during an effusive volcanic crisis, in: A.J.L. Harris, T. De Goeve, F. Garel, S.A. Carn (Eds.), Detecting, modelling and responding to effusive eruptions, *Geol. Soc. Lond. (Spec. Publ.)*, 426 (2015), doi: 10.1144/SP426.19
45. Manni, M. (2015). Historiographical contribution to the dating of the Sciara del Fuoco of Stromboli, *Quaderni di Geofisica*, 130
46. Manuella, F.C., Scribano V., Carbone S. and Brancato A. (2015). The Hyblean xenolith suite (Sicily): an unexpected legacy of the Ionian–Tethys realm, *Int J. Earth Sci.*, 104, 1317–1336, DOI 10.1007/s00531-015-1151-9
47. Manuella, F.C., Scribano V., Carbone S. and Brancato A. (2015). Reply to “Comment on Manuella et al. ‘The Hyblean xenolith suite (Sicily): an unexpected legacy of the Ionian–Tethys realm’ by Beccaluva et



al. (2015)" Int J. Earth Sci, 104, 1685–1691 DOI 10.1007/s00531-015-1197-8

48. Marotta E., Calvari S., Cristaldi A., D'Auria L., Di Vito M.A., Moretti R., Peluso R., Spampinato L., Boschi E. (2015) - Reactivation of Stromboli's summit craters at the end of the 2007 effusive eruption detected by thermal surveys and seismicity. *Journal of Geophysical Research*, 120, 7376-7395, doi: 10.1002/2015jb012288.
49. Mattia, M., Bruno, V., Caltabiano, T., Cannata, A., Cannavò, F., D'Alessandro, W., Di Grazia, G., Federico, C., Giannanco, S., La Spina, A., Liuzzo, A., Longo, M., Monaco, C., Patanè, D., Salerno, G., (2015). A comprehensive interpretative model of slow slip events on Mt. Etna's eastern flank, *Geochem. Geophys. Geosyst*, doi: 10.1002/2014GC005585
50. Meroni, F.; Zonno, G.; Azzaro, R.; D'Amico, S.; Tuvè, T.; Oliveira, C. S.; Ferreira, M. A.; Mota de Sà, F.; Brambilla, C. & Rotondi, R. (2015) The role of the urban system dysfunction in the assessment of seismic risk in the Mt. Etna area (Italy) *Bulletin of Earthquake Engineering*, 13(6), doi: 10.1007/s10518-015-9780-8
51. Mollo, S., Giacomoni P.P., Andronico D. and Scarlato P. (2015). Clinopyroxene and titanomagnetite cation redistributions at Mt. Etna volcano (Sicily, Italy): Footprints of the final solidification history of lava fountains and lava flows, *Chemical geology*, 406 DOI 10.1016/j.chemgeo.2015.04.017
52. Musacchio G., S. Falsaperla, A.E. Bernharðsdóttir, M.A. Ferreira, M.L. Sousa, A. Carvalho, G. Zonno (2015) Education: can a bottom-up strategy help for earthquake disaster prevention? *Bull. Earthquake Eng.*, DOI 10.1007/s10518-015-9779-1.
53. Musacchio G., S. Falsaperla, F. Sansivero, M.A. Ferreira, C.S. Oliveira, R. Nave, G. Zonno (2015) Dissemination strategies to instil a culture of safety on earthquake hazard and risk. *Bull. Earthquake Eng.* DOI 10.1007/s10518-015-9782-6.
54. Palano, M. (2015). On the present-day crustal stress, strain-rate fields and mantle anisotropy pattern of Italy. *Geophys. J. Int.*, 200, 969–985, DOI 10.1093/gji/ggu451
55. Palano, M., Gonzàles P.J. and Fernàndez (2015). The Diffuse Plate boundary of Nubia and Iberia in the Western Mediterranean: crustal deformation evidence for viscous coupling and fragmented lithosphere, *Earth and Planetary Science Letters*, 430, 439–447, DOI 10.1016/j.epsl.2015.08.040
56. Palano, M., Schiavone D., Loddo M., Neri M., Presti C., Quarto R., Todaro C. and Neri G. (2015). Active upper crust deformation pattern along the southern edge of the Tyrrhenian subduction zone (NE Sicily): Insights from a multidisciplinary approach, *Tectonophysics*, 657, 205-218, DOI 10.1016/j.tecto.2015.07.005
57. Pedrazzi, D., Cappello A., Zanon V. and Del Negro C. (2015). Impact of effusive eruptions from the Eguas–Carvão fissure system, São Miguel Island, Azores Archipelago (Portugal), *J. Volcanol. Geotherm. Res.*, 291, 1–13, DOI 10.1016/j.jvolgeores.2014.12.012
58. Pering, T.D., Tamburello, G., McGonigle, A.J.S., Aiuppa, A., James, M.R., Lane, S.J., Sciotto, M., Cannata, A., Patane', D. (2015). Dynamics of mild strombolian activity on Mt. Etna, *J. Volcanol. Geotherm. Res.*, doi:10.1016/j.jvolgeores.2014.12.013.
59. Ricci, T., Finizola, A; Barde-Cabusson, S., Delcher, E., Alparone, S., Gambino, S., Milluzzo, V. (2015)



Hydrothermal fluid flow disruptions evidenced by subsurface changes in heat transfer modality: The La Fossa cone of Vulcano (Italy) case study. *GEOLOGY*, 43, 11, 959-962.

60. Scollo, S., Boselli A., Coltelli M., Leto G., Pisani G., Prestifilippo M., Spinelli N. and Wang X. (2015). Volcanic ash concentration during the 12 August 2011 Etna eruption, *Geophys. Res. Lett.*, 42, DOI 10.1002/2015GL063027
61. Scudero, S., De Guidi, G., Imposa, S., Currenti G., (2015). Modelling the long-term deformation of the sedimentary substrate of Mt. Etna volcano (Italy), *TerraNova*, doi: 10.1111/ter.12165
62. Slatcher, N., James M.R., Calvari, S., Ganci G. and Browning J. (2015). Quantifying Effusion Rates at Active Volcanoes through Integrated Time-Lapse Laser Scanning and Photography, *Remote Sensing*, 7, 14967-14987, DOI 10.3390/rs71114967
63. Sicali, S., Barberi G., Cocina O., Musumeci C. and Patanè D. (2015). Volcanic unrest leading to the July-August 2001 lateral eruption at Mt. Etna: seismological constraints, *J. Volcanol. Geotherm. Res.*, 304, 11-23, DOI, 10.1016/j.jvolgeores.2015.08.004
64. Spampinato, L., Sciotto M., Cannata A., Cannavò F., La Spina A., Palano M., Salerno G., Privitera E. and Caltabiano T. (2015). Multiparametric study of the February-April 2013 paroxysmal phase of Mt. Etna New South-East crater, *Geochemistry, Geophysics, Geosystems*, 16,6, DOI 10.1002/2015GC005795
65. Spina, L. Cannata A., Privitera E., Vergniolle S., Ferlito C., Gresta S., Montalto P. and Sciotto M. (2015). Insights into Mt. Etna's Shallow Plumbing System from the Analysis of Infrasound Signals, August 2007–December 2009, *Pure Appl. Geophys.*, 172, 473–490, DOI 10.1007/s00024-014-0884-x
66. Spinetti, C., Salerno G.G., Caltabiano T., Carboni E., Clarisse L., Corradini S., Grainger R.G., Hedelt P.A., Koukouli M.E., Merucci L., Siddans R., Tampellini, L., Theys N., Valks P. and Zehner C. (2015). Volcanic SO₂ by UV-TIR satellite retrievals: validation by using ground-based network at Mt. Etna, *Annals of Geophysics*, Fast Track 2
67. Thierry, P., Neri M., Le Cozannet G., Jousset P. and Costa A. (2015). Preface: Approaches and methods to improve risk management in volcanic areas, *Nat. Hazards Earth Syst. Sci.*, 15, 197–201, 10.5194/nhess-15-197-2015
68. Tusa G, Langer H (2015) Prediction of ground-motion parameters for the volcanic area of Mount Etna. *J Seismol.* doi:10.1007/s10950-015-9508-x
69. Tuve T., D'Amico S. and Giampiccolo E. (2015). A new MD-ML relationship for Mt. Etna earthquakes (Italy), *Annals of Geophysics*, 58, 6, DOI 10.4401/ag-6830
70. Wei, Z., Dalrymple R., Herault A., Bilotta G., Rustico E. and Yeh H. (2015). SPH modeling of dynamic impact of tsunami bore on bridge piers, *Coastal Engineering*, 104, 26-42, DOI 10.1016/j.coastaleng.2015.06.008
71. Wiesmaier, S., Heap M.J., Branca S., Gilg H.A., Kueppers U., Uwe Hess K., Lavallée Y. and Dingwell D. B. (2015). Variability in composition and physical properties of the sedimentary basement of Mt Etna, Italy, *J. Volcanol. Geotherm. Res.*, 302, 102–116, DOI 10.1016/j.jvolgeores.2015.06.011
72. Zaksek, K., Gerst A., von der Lieth J., Ganci G. and Hort M. (2015). Cloud Photogrammetry from Space, *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*,

Libri

1. Abate T., Branca S. (2015): Il Disegno delle eruzioni storiche dell'Etna. Percorsi iconografici dal XVI secolo ad oggi. Edizioni Caracol, Palermo. ISBN: 978-88-98546-29-9, 111 pp.

Rapporti Tecnici INGV

1. Bonaccorso A., Currenti G., Sicali A., 2015. La rete dei dilatometri in pozzi profondi dell'Etna. Quaderni di Geofisica, ISSN 1590-2595, N. 126, 2015
2. Cannata, A., Milluzzo V., Aliotta M., Cassisi C., Gambino S., Montalto P. and Prestifilippo M. (2015). Sviluppo di un software per la detenzione e classificazione in near real-time degli eventi sismo-vulcanici di Vulcano, Rapporti Tecnici INGV, 300
3. Cannata, A., Privitera, E., Sciotto, M., Scuderi, L., Aliotta, M., Cassisi, C., Montalto, P., Rapisarda, S. (2015). Sistema di elaborazione automatica dei segnali infrasonici al Monte Etna. Quaderni di Geofisica, ISSN 1590-2595, 131
4. Cassisi C., Fiumara S., Cannata A., Montalto P., Aliotta M., Scarpa M. (2015). Algoritmi di Change Point Analysis delle serie temporali: il tremore vulcanico registrato sul vulcano Etna come caso di studio, Rapporti Tecnici INGV, 317
5. Cassisi, C., Montalto P., Aliotta M., Cannata A. and Prestifilippo M. (2015). TSDSystem: un database multidisciplinare per la gestione di serie temporali, Rapporti Tecnici INGV, 304
6. Moretti, M., Impronta L., Margheriti L., De Gori P., Silvestri M., Criscuoli F., Giovani L., Zuccarello L., Ferrari F., Paratore M. and Govoni A. (2015). Esperimento DIONYSUS: Deep structure of the IONian Sea and east Sicily: wide-angle seismic SURvey of the Calabria Subduction zone and Tethys margins. Il contributo dell'Istituto Nazionale di Geofisica e Vulcanologia, Rapporti Tecnici INGV, 311

Abstracts Estesi

1. Azzaro, R., Barberi G., Cannavò F., Cocina O., Palano M. and Scarfi L. (2015). Assessing seismic efficiency from scalar Moment-rates: an application to Mt. Etna volcano (Italy), 6th International INQUA Meeting on Paleoseismology, Active Tectonics and Archaeoseismology, 19-24 April 2015, Pescina, Fucino Basin, Italy
2. Spampinato, S., Ursino A., Barbano M.S., Pirrotta C., Rapisarda S., Larocca G. and Platania P.R. (2015). Insights into the seismicity and eruptions of Pantelleria Island and its surroundings (Sicily Channel, Italy)
3. Bonì R., Herrera G., Meisina C., Notti D., Béjar-Pizarro M., Zucca F., González P., Palano M., Tomás R., Fernández J., Fernández-Merodo J., Mulas J., Aragón R., Guardiola-Albert C., Mora O. (2015). Application of multi-sensor advanced DInSAR analysis to severe land subsidence recognition: Alto Guadalentín Basin (Spain). Proc. IAHS, 372, 45-48, doi:10.5194/piahs-372-45-2015.