

## CV for Prof. Alessandro Maria Michetti

### **Biographical sketch**

Born in Roma, Italy, on February 25th, 1961; married and father of 3.

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### **Educational and academic position**

2016-present, INTERREG V-A 2014 – 2020 Cooperation Programme, Delegate of the Lombardia Rector Conference in the Supervisory Committee

2012-present, Member of the Academic Senate, Università degli Studi dell'Insubria

2011-present, President, INQUA Commission on Terrestrial Processes, Deposits and History – TERPRO <http://www.inqua.org/aboutCommissions.html>

2011-2012, Vice President, Environmental Science Degree Committee, Università dell'Insubria;

2008 - 2011, Vice Director, Department of Chemical and Environmental Sciences, Università dell'Insubria;

2000 – 2017, Tutor of 12 PhD Projects in Environmental Sciences;

2007-2011: INQUA Focus Group on Paleoseismology and Active Tectonics, Chairman;

October 1st, 2000 - present: Associate Professor of Geology, Dipartimento di Scienze Chimiche e Ambientali (Chemistry and Environmental Sciences, now Dipartimento di Scienza e Alta Tecnologia – Dept. of Science and High Technology), University of Insubria at Como;

1992 NATO Fellowship in Active Tectonics and Paleoseismology, Center for Neotectonic Studies, University of Nevada, Reno, USA;

1989 to 1999 Research Geologist in Natural Hazard Assessment and Paleoseismology, CNR - GNDT (National Group for Protection Against Earthquakes) at ANPA (National Agency for Environmental Protection, Roma);

1986 Doctor in Geology, University "La Sapienza" of Roma, Department of Earth Sciences.

### **Research and recent projects**

Author of more than 90 papers, with 2335 citations (source: Google Scholar 23.01.2017; h index Scopus = 20, Google Scholar = 26; since 2012 Scopus = 17, Google Scholar = 20), mostly published on international ISI journals, such as Earth Plan. Sci. Lett., JGR Solid Earth, Tectonophysics, J. of Struct. Geol., BSSA, Journal of Geodynamics, Natural Hazards, Sedimentary Geology.

Most of my research is focused on the reconstruction of the recent landscape evolution in order to define geological criteria for assessing natural hazards, in particular seismicity. This includes the integration of historical and instrumental seismicity data with observations from Quaternary, dominantly Holocene, stratigraphy, geomorphology and tectonics, to understand the styles and rates of ongoing crustal deformation, their interaction with climatically-controlled surface processes and, with that information, define the seismic potential at both local and regional scales. This research ranges from laboratory analysis of airphoto coverages and topographic imagery, to field mapping of

recent landforms and deposits, to geomorphic reconstruction of slip rates and paleoearthquake histories of capable faults, also through detailed studies of trench exposures showing evidence for Holocene earthquake surface faulting. Of particular interest for my research is also the study of earthquake ground effects and their use in the macroseismic intensity scales. Recent and ongoing projects where I am involved includes:

Recent and ongoing projects where I am involved includes:

- study of the surface faulting accompanying the August 23 and October 30, 2016, Amatrice and Norcia earthquakes in Central Italy;
- Surface (INQUA Project 1620R) SURface FAULting Catalogue, worldwide dataset of Surface Ruptures generated during earthquakes in order to build reliable empirical relationships (<http://www.earthquakegeology.org/index.php?page=projects&s=4>);
- archaeoseismology and paleoseismology along the Tiberias Fault, Sea of Galilee;
- application of the macroseismic intensity scale based on earthquake ground effects (Environmental Seismic Intensity scale, ESI 2007) to major earthquakes in the world;
- study of ground effects of the 1995 Aqaba earthquake and evidence for paleoseismicity;
- recent landscape evolution and seismic potential of Lake Como area and Southern Alps in Lombardia, N Italy;
- paleoseismology of capable faults in Central and Southern Apennines, Southern Alps, Sicily;
- study of ground effects of the 2004 Muzaffarabad earthquake, Pakistan and assessment of macroseismic intensity;
- subsidence and Holocene stratigraphy in the Como plain;
- Quaternary drainage network and normal fault growth in the Rieti area.

### **Scientific and Consulting experience and affiliations**

- March 2013 to present, Quaternary International, Associate Editor
- December 2016 to present, Alpine and Mediterranean Quaternary, Associate Editor
- September 2013 to present, Member of Reviewer Editorial Board of Frontiers in Structural Geology and Tectonics
- February 2009, INQUA Workshop and Field Trip on the Dead Sea Rift “The Dead Sea Rift as a natural laboratory for earthquake behavior: prehistorical, historical and recent seismicity”, 16 to 23 February 2009, Co-Chairman;
- 2009-2011, INGV-DPC Contract, Seismological Project S1 (Task C), Research Unit UR 3.07, "Active Shortening and Evidence for Paleoseismicity along the Po Plain - Southern Alps border between Lake Garda and Lake Maggiore", PI;
- PRIN 2005-2007 Project on “Active compressional tectonics along the Southern Alps between Lake Garda and Lake Maggiore”, PI;
- April 2007 – October 2008, ENEL, Consulting Project on the Hydrogeological Characterization of the “Tifeo” Electric Power Plant near Augusta, Sicily;
- Member of the Geological Committee of the Geological Survey of Italy, 2005-2009.
- Member of the Scientific Committee of the Institut de la Montagne, Université de la Savoie, Le Bourget du Lac, France, 2002-2007.
- 2008 – 2010, Italian Journal of Geosciences, Member of the Editorial Board.
- Geological Map of Italy 1:50.000 scale, CARG Project; 1996-1998 Quaternary field mapping for the Sheet 368 "Avezzano"; 1998-2002, Director of Quaternary Geology for the Sheet 347 "Rieti".
- November 2005 – Maggio 2007, LPL, Geological and Environmental Siting of the “La Filippa” waste disposal plant, Cairo Montenotte, Savona, Italy;

- 2004-2010, University of Insubria – ISPRA Contract, Scientific Coordinator of the CARG Project for the Sheet 75 "Como".
- August 1999-2007: Chairman of the INQUA Subcommittee on Paleoseismicity.
- June 2003 to present, IAEA missions as Expert in Geology, Paleoseismology and Seismotectonics, and Hydrogeology, for NPP siting at Cernavoda (Romania), El Dabaa (Egypt), Visaginas (Lithuania), Sinop and Akkuyu (Turkey), Abuja (Nigeria), Minsk (Belarus), Kashiwazaki-Kariwa (Japan), Montevideo (Uruguay), Hanoi (Vietnam), Ust-Kamenogorsk (Kazakhstan) , Jakarta (Indonesia).

## Alessandro Maria MICHETTI

### List of publications

#### - Peer-reviewed International and ISI journals:

- A1 Blumetti A. M., Dramis F. & **Michetti A.M.** (1993) - Fault generated mountain fronts in the Central Apennines (Central Italy): geomorphological features and seismotectonic implications. *Earth Surface Processes and Landforms*, 18, 203-223.
- A2 Brunamonte F., **Michetti A.M.**, Serva L. & Vittori E. (1993) - Seismic hazard evaluation in central Italy: preliminary results of the Rieti Basin Project. *Annali di Geofisica*, 36, p. 253-262.
- A3 **Michetti A.M.** (1994) - Coseismic surface displacement vs. magnitude: relationships from paleoseismological analyses in the Central Apennines (Italy), *Journal of the Geodetic Society of Japan*, Special Issue "Proceedings of the CRCM '93", Kyoto, 375-380.
- A4 **Michetti A.M.**, F. Brunamonte, L. Serva, & R.A. Whitney (1995) - Seismic hazard assessment from paleoseismological evidence in the Rieti region (Central Italy). *Bulletin of the Association of Engineering Geologists*, Special Publication No. 6 "Perspectives in Paleoseismology", 63-82, Peanut Butter Publishing, Seattle WA USA.
- A5 **Michetti A.M.** , F. Brunamonte & L. Serva (1995) - Paleoseismological evidence in the epicentral area of the January 13, 1968, Belice (SW Sicily) earthquake. *Bulletin of the Association of Engineering Geologists*, Special Publication No. 6 "Perspectives in Paleoseismology", 127-139, Peanut Butter Publishing, Seattle WA USA.
- A6 **Michetti A.M.**, Brunamonte F., Serva L. and Vittori E. (1996) - Trench investigations along the 1915 Fucino earthquake fault scarps (Abruzzo, Central Italy): geological evidence of large historical events. *Journal of Geophysical Research*, 101, 5921-5936.
- A7 **Michetti A.M.** and Hancock P.L. (1997) - Paleoseismology: understanding past earthquakes using Quaternary geology. *Journal of Geodynamics*, 24, 1-4, 3-10.
- A8 **Michetti A.M.**, Ferreli L., Serva L. & Vittori E. (1997) - Geological evidence for strong historical earthquakes in an "aseismic" region: the Pollino case (Southern Italy). In: P.L. Hancock and A.M. Michetti, editors, "Paleoseismology: Understanding Past Earthquakes Using Quaternary Geology", Special Issue, *Journal of Geodynamics*, 24, 1-4, 67-86.
- A9 Azzaro R., Ferreli L., **Michetti A.M.**, Serva L. & Vittori E. (1998), Environmental hazard of capable faults: the case of the Pernicana fault (Mt. Etna, Sicily). *Natural Hazards*, 18, 1-16, Kluwer Academic Publisher, Netherlands.
- A10 Cello G., Deiana G., Mangano P., Mazzoli S., Tondi E., Ferreli L., Maschio L., **Michetti A.M.**, Serva L. & Vittori E. (1998), Evidence for surface faulting during the september 26,

- 1997, Colfiorito (Central Italy) earthquakes. *Journal of Earthquake Engineering*, Vol. 2, No. 2 (1998) 1-22, Imperial College Press, U.K.
- A11 **Michetti A.M.**, L. Ferreli, E. Esposito, S. Porfido, A.M. Blumetti, E. Vittori, L. Serva & G.P. Roberts, 2000, Ground effects during the September 9, 1998, Mw = 5.6, Lauria earthquake and the seismic potential of the aseismic Pollino region in Southern Italy. *Seismological Research Letters*, 71, 31-46 (2000).
- A12 Vittori E., G. Deiana, E. Esposito, L. Ferreli, L. Marchegiani, G. Mastrolorenzo, **Michetti A.M.**, S. Porfido, L. Serva, A.L. Simonelli & E. Tondi "Ground effects and surface faulting in the September-October 1997 Umbria-Marche (Central Italy) seismic sequence", *Journal of Geodynamics*, 29, 535-564 (2000).
- A13 Azzaro R., D. Bella, L. Ferreli, **Michetti A.M.**, F. Santagati, L. Serva & E. Vittori, "First study of fault trench stratigraphy at Mt. Etna volcano, Southern Italy: understanding Holocene surface faulting along the Moscarello fault", *Journal of Geodynamics*, 29, 187-210 (2000).
- A14 Cello G., G. Deiana, L. Ferreli, L. Marchegiani, L. Maschio, S. Mazzoli, **Michetti A.M.**, L. Serva, E. Tondi & E. Vittori (2000). "Geological constraints for earthquake faulting studies in the Colfiorito area (central Italy)". *Journal of Seismology*, 4, 357-364, (2000).
- A15 Ferreli L., **Michetti A.M.**, L. Serva and E. Vittori, 2002, Stratigraphic evidence of coseismic faulting and aseismic fault creep from exploratory trenches at Mt. Etna volcano (Sicily, Italy), in Ethensohn, F.R., Rast, N., and Brett, C.E., eds., "Ancient Seismites": Boulder, Colorado, Geological Society of America Special Paper 359, 49-62.
- A16 Roberts G.P., **Michetti A.M.**, P. Cowie, N.C. Morewood, and I. Papanikolaou, 2002, "Fault slip-rate variations during crustal-scale strain localisation, central Italy", *Geophysical Research Letters*, 29, No. 8, doi 810.1029/2001GL013529.
- A17 Porfido S., E. Esposito, E. Vittori, G. Tranfaglia, **Michetti A.M.**, A.M. Blumetti, L. Ferreli, L. Guerrieri, L. Serva, 2002, Areal distribution of ground effects induced by strong earthquakes in the southern Apennines (Italy), *Surveys in Geophysics*, 23, 529-562.
- A18 Roberts G.P., P. Cowie, I. Papanikolaou and **Michetti A.M.**, 2004, Fault scaling relationships, deformation rates and seismic hazards: an example from the Lazio-Abruzzo Apennines, central Italy, *Journal of Structural Geology*, 26 (2004), 377–398.
- A19 Roberts G.P. and **Michetti A.M.**, 2004, Spatial and temporal variations in growth rates along active normal fault Systems: an example from the Lazio-Abruzzo Apennines, central Italy, *Journal of Structural Geology*, 26 (2004), 339–376.
- A20 **Michetti A.M.**, Audemard F and Marco S., 2005, Future trends in paleoseismology: Integrated study of the seismic landscape as a vital tool in seismic hazard analyses, In: **Michetti A.M.**, Audemard F., Marco S. (Editors), "Paleoseismology, integrated study of the Quaternary geological record for earthquake deformation and faulting", Special Issue, *Tectonophysics*, 408 (1-4), 3-21.

- A21 Papanikolaou I., Roberts G. and **Michetti A.M.**, 2005, Fault scarps and deformation rates in Lazio–Abruzzo, Central Italy: comparison between geological fault slip-rate and GPS data., In: Michetti A.M., Audemard F., Marco S. (Editors), “Paleoseismology, integrated study of the Quaternary geological record for earthquake deformation and faulting”, Special Issue, *Tectonophysics*, 408 (1-4), 147-176.
- A22 Chunga K., Livio F., **Michetti A.M.**, and Serva L., 2007, Synsedimentary deformation of Pleistocene glaciolacustrine deposits in the Albese con Cassano area (Southern Alps, Northern Italy), and possible implications for paleoseismicity. *Sedimentary Geology*, 196, 59-80, doi:10.1016/j.sedgeo.2006.08.010.
- A23 Guerrieri L., Tatevossian R. , Vittori E., Comerci V., Esposito E., **Michetti A.M.**, Porfido S. and Serva L., 2007, Earthquake environmental effects (EEE) and intensity assessment: the INQUA scale project. *Boll. Soc. Geol. It. - Italian Journal of Geoscience* 126(2), 375-386, ISSN: 0037-8763.
- A24 Sileo G., Giardina F., Livio F., **Michetti A.M.**, Mueller K. and Vittori E., 2007, Remarks on the Quaternary tectonics of the Insubria Region (Lombardia North Western Italy, and Ticino, South Eastern Swizerland). *Boll. Soc. Geol. It. - Italian Journal of Geoscience* 126(2), 411-425, ISSN: 0037-8763.
- A25 Comerci V., S. Capelletti, **Michetti A.M.**, S. Rossi, L. Serva and E. Vittori, 2007, Land subsidence and late glacial environmental evolution of the Como urban area (Northern Italy), *Quaternary International* (2007), 173-174, 67-86, doi:10.1016/j.quaint.2007.06.014.
- A26 Leroy S.A.G., **Michetti A.M.**, and F.A. Pasquaré, 2007, Editorial; Dark Nature, *Quaternary International* (2007), 173-174, 1-3, doi:10.1016/j.quaint.2007.06.020.
- A27 Abdel Aziz M.A.H, Serva L., **Michetti A.M.**, Giardina F., Swedan A.H., Gad Elhaq G., Soliman H., 2007, Assessing intensity values for earthquakes affecting low populated areas: the case of 22 November 1995 Nuweiba earthquake. *Annals of the Geological Survey of Egypt*, 29, 321-334, ISSN: 1110-0435.
- A28 Hormes A., Ivy-Ochs S., Kubik P.W., Ferreli L., **Michetti A.M.**, 2008, 10-Be exposure ages of a rock avalanche and a late glacial moraine in Alta Valtellina, Italian Alps. *Quaternary International*, 190, 136-145, doi:10.1016/j.quaint.2007.06.036.
- A29 Livio F, **Michetti A.M.**, G. Sileo, C. Carcano, K. Mueller, S. Rogledi, L. Serva, E. Vittori, & A. Berlusconi, 2009, Quaternary capable folds and seismic hazard in Lombardia (Northern Italy): the Castenedolo structure near Brescia, *Boll. Soc. Geol. It. - Italian Journal of Geoscience* 128(1), 191-200, ISSN: 0037-8763.
- A30 Guerrieri, L., Blumetti, A.M., Esposito, E., **Michetti A.M.**, Porfido, S., Serva, L., Tondi, E., Vittori, E., 2009, Capable faulting, environmental effects and seismic landscape in the area affected by the 1997 Umbria-Marche (Central Italy) seismic sequence. *Tectonophysics*, 476 (1-2), 269-281, doi: 10.1016/j.tecto.2008.10.034
- A31 Livio F, A. Berlusconi, **Michetti A.M.**, G. Sileo, A. Zerboni, L. Trombino, M. Cremaschi, K. Mueller, E. Vittori, C. Carcano, & S. Rogledi, 2009, Active fault-related folding in the

epicentral area of the December 25, 1222 (Io = IX MCS) Brescia earthquake (Northern Italy): seismotectonic implications. *Tectonophysics*, 476 (1-2), 320-335, doi:10.1016/j.tecto.2009.03.019

- A32 Zahid Ali, Muhammad Qaisar, Tariq Mahmood, Muhammad Ali Shah, Talat Iqbal, Leonello Serva, **Michetti A.M.**, & Paul W. Burton, 2009, The Muzaffarabad, Pakistan, earthquake of 8 October 2005: surface faulting, environmental effects and macroseismic intensity. In Reicherter, K., Michetti, A.M. & Silva, P.G. (eds) *Palaeoseismology: Historical and Prehistorical Records of Earthquake Ground Effects for Seismic Hazard Assessment*. The Geological Society, London, Special Publications, 316, 155–172. DOI: 10.1144/SP316.9 0305-8719/09/ # The Geological Society of London 2009.
- A33 Mosquera-Machado S., C. Lalinde-Pulido, E. Salcedo-Hurtado & **Michetti A.M.**, 2009, Ground effects of the 18 October 1992, Murindo earthquake (NW Colombia), using the Environmental Seismic Intensity Scale (ESI 2007) for the assessment of intensity. In Reicherter, K., Michetti, A.M. & Silva, P.G. (eds) *Palaeoseismology: Historical and Prehistorical Records of Earthquake Ground Effects for Seismic Hazard Assessment*. The Geological Society, London, Special Publications, 316, 123–144. DOI: 10.1144/SP316.9 0305-8719/09/ # The Geological Society of London 2009.
- A34 Reicherter, K., **Michetti A.M.**, & P. G. Silva Barroso, 2009, Palaeoseismology: historical and prehistorical records of earthquake ground effects for seismic hazard assessment – introduction. In Reicherter, K., Michetti, A.M. & Silva, P.G. (eds) *Palaeoseismology: Historical and Prehistorical Records of Earthquake Ground Effects for Seismic Hazard Assessment*. The Geological Society, London, Special Publications, 316, 1-10. DOI: 10.1144/SP316.9 0305-8719/09/ # The Geological Society of London 2009.
- A35 Faure Walker, J.P., G.P. Roberts, P.A. Cowie, I.D. Papanikolaou, **Michetti A.M.**, P.R. Sammonds, & R.J. Phillips, 2009, Horizontal strain-rates and throw-rates across breached relay zones, central Italy: Implications for the preservation of throw deficits at points of normal fault linkage, *Journal of Structural Geology*, 31, 1145-1160, doi:10.1016/j.jsg.2009.06.01
- A36 Wilkinson, M., K.J.W. McCaffrey, G.P. Roberts, P. A. Cowie, R.J. Phillips, **Michetti A.M.**, E. Vittori, L. Guerrieri, A.M. Blumetti, A. Bubeck, A. Yates, and G. Sileo, 2010, Partitioned postseismic deformation associated with the 2009 Mw 6.3 L'Aquila earthquake surface rupture measured using a terrestrial laser scanner, *Geophys. Res. Lett.*, 37, L10309, doi:10.1029/2010GL043099
- A37 Roberts G.P., B. Raithatha, G. Sileo, A. Pizzi, S. Pucci, J. Faure Walker, M. Wilkinson, K.J.W. McCaffrey, R.J. Phillips, **Michetti A.M.**, L. Guerrieri, A.M. Blumetti, E. Vittori, P. A. Cowie, P. Sammonds, P. Galli, P. Boncio, C. Bristow, and R. Walters, 2010, Shallow sub-surface structure of the 2009 April 6 Mw 6.3 L'Aquila earthquake surface rupture at Paganica, investigated with Ground Penetrating Radar, *Geophysical Journal International*, 183, 774–790, doi: 10.1111/j.1365-246X.2010.04713.x
- A38 Guerrieri L., Baer G., Hamiel Y., Amit R., Blumetti A.M., Comerci V., Di Manna P., **Michetti A.M.**, Salamon A., Mushkin A., Sileo G. and Vittori E., 2010, InSAR data as a field guide for mapping minor earthquake surface ruptures: ground displacements along the

Paganica Fault during the 6 April 2009 L'Aquila earthquake, *Journal of Geophysical Research Solid Earth*, 115, B12331, doi:10.1029/2010JB007579, 2010

- A39 Vittori, E., Di Manna, P., Blumetti A.M., Comerci V., Guerrieri L., Esposito E., **Michetti A.M.**, Porfido S., Piccardi L., Roberts G., Berlusconi A., Livio F., Sileo G., Wilkinson M., McCaffrey Ken J. W., Phillips R., Cowie P., 2011, Surface faulting of the April 6, 2009, Mw 6.3 L'Aquila earthquake in Central Italy, *Bulletin of the Seismological Society of America*, 101 (4), August 2011, 1507-1530, doi: 10.1785/0120100140
- A40 Audemard M., F.A., **Michetti A.M.**, 2011, Geological Criteria for Evaluating Seismicity Revisited: Forty Years of Paleoseismic Investigations and the Natural Record of Past Earthquakes, *Geological Society of America Special Paper* 479, 1-22. ISBN 9780813724799
- A41 Agnon A., Amit R., Hough S., and **Michetti A.M.**, 2012, The Dead Sea Rift as a Natural Laboratory for Neotectonics and Paleoseismology, *Isr. J. Earth Sci.*, 58, 3-4/2009-2010, 139–145, DOI: 10.1560/IJES.58.3-4.139 , © 2012 Science From Israel/ LPPLtd. 0021-2164/09
- A42 Faure Walker, J.P., Roberts, G.P., Cowie, P.A., Papanikolaou, I., **Michetti A.M.**, Sammonds, P., Wilkinson, M., McCaffrey, K.J.W., and Phillips, R.J., 2012, Relationship between topography, rates of extension and mantle dynamics in the actively-extending Italian Apennines, *Earth and Planetary Science Letters*, 325-326 (2012), 76–84, DOI:10.1016/j.epsl.2012.01.028
- A43 Wilkinson, M., K.J.W. McCaffrey, G.P. Roberts, P. A. Cowie, R.J. Phillips, M. Degasperi, E. Vittori, and **Michetti A.M.**, 2012, Distribution and Magnitude of Postseismic Deformation of the 2009 L'Aquila Earthquake (M6.3) Surface Rupture Measured Using Repeat Terrestrial Laser Scanning, *Geophysical Journal International*, 189, 911 – 922, doi: 10.1111/j.1365-246X.2012.05418.x
- A44 **Michetti A.M.**, Giardina F., Livio F., Mueller K., Serva L., Sileo G., Vittori E., Devoti R., Riguzzi F., Carcano C., Rogledi S., Bonadeo L., Brunamonte F., Fioraso G., 2012. Active compressional tectonics, Quaternary capable faults, and the seismic landscape of the Po Plain (N Italy). *Annals of Geophysics*, 55 (5), 969-1001, doi: 10.4401/ag-5462
- A45 Di Manna Pio, Guerrieri Luca, Piccardi Luigi, Vittori Eutizio ,Castaldini Doriano, Berlusconi Andrea, Bonadeo Livio, Comerci Valerio, Ferrario Francesca, Gambillara Roberto, Livio Franz, Lucarini Mauro, **Michetti A.M.**, 2012, Ground effects induced by the 2012 seismic sequence in Emilia: implications for seismic hazard assessment in the Po Plain. *Annals of Geophysics*, 55 (4), 697-703, doi: 10.4401/ag-6143
- A46 Wilkinson, M., G.P. Roberts, K. McCaffrey, P.A. Cowie, J.P. Faure Walker, I. Papanikolaou, R.J. Phillips, **Michetti A.M.**, E. Vittori, L. Gregory, L. Wedmore, Z. Watson, 2015, Slip distributions on active normal faults measured from LiDAR and field mapping of geomorphic offsets: an example from L'Aquila, Italy, and implications for modelling seismic moment release, *Geomorphology*, doi: 10.1016/j.geomorph.2014.04.026
- A47 Livio F., A. Berlusconi, A. Zerboni, L. Trombino, G. Sileo, **Michetti A.M.**, H. Rodnight, C. Spötl, 2014, Progressive offset and surface deformation along a seismogenic blind thrust in



the Po Plain foredeep (Southern Alps, Northern Italy), *Journal of Geophysical Research*, DOI: 10.1002/2014JB011112

- A48 Zerboni, A., L. Trombino, C. Frigerio, F. Livio, A. Berlusconi, **Michetti A.M.**, H. Rodnight, C. Spötl, 2015, The loess-paleosol sequence at Monte Netto: a record of climate change in the Upper Pleistocene of the central Po Plain, northern Italy, *Journal of Soils and Sediments*, 15, 1329-1350, doi: 10.1007/s11368-014-0932-2
- A49 Ferrario M.F., Bonadeo L., Brunamonte F., Livio F., Martinelli E., **Michetti A.M.**, Censi Neri P., Chiessi V., Comerci V., Höbig N., 2015, Late Quaternary environmental evolution of the Como urban area (Northern Italy): a multidisciplinary tool for risk management and urban planning, *Engineering Geology*, 2015, 384-401, doi:10.1016/j.enggeo.2015.05.013
- A50 Ferrario M.F., Brunamonte F., Caccia A., Livio F., Martinelli E., Mazzola E., **Michetti A.M.**, Terrana S., 2015, Buried Landscapes: Geoarchaeology of the Roman Harbor of Como (N Italy), *Alpine and Mediterranean Quaternary*, 28 (2), 2015, 111 – 120, ISSN (online): 2279-7335, available online <http://amq.aiqua.it>
- A51 Cinti F.R., Pauselli C., Livio F., Ercoli M., Brunori C.A., Ferrario F., Volpe R., Civico R., Pantosti D., Pinzi S., De Martini P.M., Ventura G., Alfonsi L., Gambillara R., **Michetti A.M.**, 2015, Integrating multidisciplinary multi-scale geological and geophysical data to image a fault: the Castrovillari fault (Northern Calabria, Italy), *Geophysical Journal International*, 203, 1847–1863, doi: 10.1093/gji/ggv404
- A52 Serva L., E. Vittori, V. Comerci, E. Esposito, L. Guerrieri, **A.M. Michetti**, B. Mohammadioun, G.C. Mohammadioun, S. Porfido, R.E. Tatevossian, 2016, Earthquake Hazard and the Environmental Seismic Intensity (ESI) Scale, *Pure and Applied Geophysics (PAAG)*, 173, 5 1479 - 1515, doi: 10.1007/s00024-015-1177-8.
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