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## CURRICULUM VITAE

**Fausto Guzzetti**, Ph.D.  
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### Personal information

**Name:** Fausto Guzzetti  
**Born:** 29 August 1959, Biella, Italy  
**Citizenship:** Italian  
**Residence:** via Arcadia 78, 06129 Perugia, Italy  
**Marital status:** Married to Emanuela Turri  
**Children:** Martina ★ 2 November 1993

### Summary

Fausto Guzzetti is a senior research scientist with the Italian Consiglio Nazionale delle Ricerche (CNR), where he leads the landslide hazards and risk assessment research unit at the Institute for Geo-Hydrological Hazards Assessment (IRPI, [www.irpi.cnr.it](http://www.irpi.cnr.it)), in Perugia. Since December 2011 he is the Director of the CNR Research Institute for Geo-Hydrological Protection. After graduating in geology from the University of Perugia, in 1983, he received a PhD in geography from the University of Bonn, in 2006. In the period 1985-1986 he was visiting scientist at the U.S. Geological Survey, in Menlo Park, California. The author and co-author of more than fifty papers in international journals, seven chapters in multi-authored books, forty-two papers in conference proceedings, nine maps, and more than 150 oral and poster presentations at national and international conferences and workshops, he coordinated ten special issues of international, peer reviewed journals. Guzzetti participated in a number of national, European and US projects. He was the principal investigator for the MORFEO project (<http://www.morfeo-project.org/>), of the Italian Space Agency (ASI), for the exploitation of Earth observation data and technology for improved landslide detection, monitoring and forecasting, and he is the principal investigator for the EC DORIS project (<http://www.doris-project.eu/>), an advanced downstream service for the detection, mapping, monitoring and forecasting of ground deformations at different temporal and spatial scales, and for the EC LAMPRE project for LANDslide Modelling and tools for vulnerability assessment Preparedness and REcovery management. He is also the co-principal investigator of a project of the Italian National Department of Civil Defense aimed at fostering the national capabilities to forecast rainfall induced landslides, and the associated risk, in Italy. Guzzetti served as President of the Natural Hazards Division of the European Geosciences Union (EGU, [www.egu.eu](http://www.egu.eu)), and received the EGU Union Service Award, in 2008. In 2007, he received the International Landslide Research Group Distinguished Leadership Award. An initiator of the EGU journal Natural Hazards and Earth System Sciences (NHES, [www.natural-hazards-and-earth-system-sciences.net](http://www.natural-hazards-and-earth-system-sciences.net)), he is currently the chief editor for this journal. Guzzetti was the coordinator of the CNR technical and scientific activities in the area affected by the 6 April 2009 L'Aquila earthquake. Since 2012, he is member of the Commissione Grandi Rischi, of the National Italian Civil Protection Department.

## Education

- (2006) Ph.D. in Geography (Magna cum laude), Mathematisch-Naturwissenschaftlichen Fakultät der Rheinischen Friedrich-Wilhelms-Universität, University of Bonn, Bonn, Germany. Thesis advisor: Prof. Richard Dikau; adjunct: Prof. Thomas Glade.
- (1983) Laurea in Geologia (110/110 with honours), Dipartimento di Scienze della Terra, Università degli Studi di Perugia, Perugia, Italy. Thesis advisor: Prof. Gian Paolo Piali; adjunct: Prof. Giuseppina (Giusy) Lavecchia.

## Appointments held

- (2011 - present) Director, CNR IRPI
- (2009 - 2011) Deputy Director, CNR IRPI
- (since 2001) CNR Director of Researcher, at CNR IRPI
- (1996 – 2000) CNR Senior Research Scientist, at CNR IRPI
- (1985 – 1996) CNR Researcher, at CNR IRPI
- (1985 – 1986) Visiting scientist, U.S. Geological Survey, Menlo Park, California
- (1983 – 1984) Field Geologist, conducting slope-stability analysis on rock slopes

## Awards

- European Geosciences Union, Union Service Award (2008)
- International Landslide Research Group Distinguished Leadership Award (2007)

## Affiliations

- European Geosciences Union, EGU, founding member (since 2002)
- International Association of Engineering Geology, IAEG (since 2002)
- Debris-Flow Hazards Mitigation Society (since 2001)
- Centro di Ricerca Interuniversitario in Monitoraggio Ambientale (CIMA) Università degli Studi di Genova & Università degli Studi della Basilicata, Italy (2001 – 2008)
- European Geophysical Society, EGS (1996 – 2003)
- Centre Européen des Risques Géomorphologiques, CERG (since 1995)
- American Geophysical Union, AGU (since 1989)
- Italian Geological Society, SGI (since 1985)
- Italian Registered Geologist (since 1985)

## Main research projects

- (2013 – 2015) EC LAMPRE Project: *Landslide modeling and tools for vulnerability assessment, preparedness and recovery management*. EC, FP7-SPACE-2012-1. Principal investigator.
- (2010 – 2013) EC DORIS Project: *Ground Deformations Risk Scenarios: an Advanced Assessment Service*. EC, FP7-SPACE-2009-1. Principal investigator.
- (2008 – 2009) Consiglio Nazionale delle Ricerche (CNR) Gestione Integrata e Interoperativa dei Dati Ambientali: Portale tematico sul dissesto geo-idrologico (PDGI). Principal Investigator.
- (2008 – 2009) *Landslide erosion rates in Italy and Taiwan*. CNR (Italy) and NSC (Taiwan) bilateral exchange project. Italian project leader. The Taiwan project leader is Prof. Kang-tsung (Karl) Chang.
- (2007 – 2011) *National Project for the development of rainfall thresholds for the possible initiation of landslides in Italy*. R&D project funded by the Italian Department for Civil Protection. Principal Investigator.

- (since nov. 2005) *MORFEO project, Monitoring Landslide Risk through Earth Observation technology*, of the Italian Space Agency (ASI). The project spans the 3-year period from nov. 2007 to nov. 2010.
- (2005 – 2006) EC Project *Eurorisk PREVIEW, Prevention, Information and Early Warning pre-operational services to support the management risks*. Project Leader EADS ASTRIUM SAS, Toulouse, France.
- (2005 – 2008) European project *NEST-PATHFINDER Extreme Events: Causes and Consequences*, Project Leader: Ecole Normale Supérieure, Paris, France. CNR IRPI team leader.
- (2004 – 2006) European Regional Project Interreg IIIB Cades, *RISK-AWARE, Advanced Weather forecasting system to Advice on Risk Events and management*. Project Leader: ARPA Emilia-Romagna, Bologna, Italy. CNR IRPI team leader.
- (2002 – 2005) NSF project, *A stochastic differential equation approach to studying landslide failure and size distribution*. U.S. Partner: Colin P. Stark, Lamont-Doherty Earth Observatory, Columbia University, New York. CNR IRPI team leader.
- (2000 – 2003) NASA project *Scaling and cross-correlation of landslides*. US Partner: Donald L. Turcotte, U.C. Davis, Davis, USA. CNR IRPI team leader.
- (2000 – 2003) European Project *DAMOCLES, Debrisfall Assessment in Mountain Catchments for Local End-Users*. Project Leader: University of Newcastle, U.K. CNR IRPI team leader.
- (2000) European Regional Project Interreg IIC - *Prévention des mouvement de versant et des instabilités des falaises*, Project Leader: Regione Lombardia, Italy. CNR IRPI team leader.
- (1992 – 2002) CNR GNDCI *Special Project AVI, collection and use of historical information on landslides and floods in Italy to determine hazards and risk*. Principal Investigator.

### Editorial and review activities

Journal, Natural Hazards and Earth System Sciences (European Geosciences Union)

(2007 – present) Managing Editor

(2000 – 2007) Member of the Editorial Board

Journal, Geomorphology (Elsevier)

(2007 – present) Member of the Editorial Board

Journal, Landslides (Springer)

(2004 – 2007) Member of the Editorial Board

Reviewer for: *Advances in Geosciences ASCE* (2004), *Bollettino Società Geologica Italiana* (2000), *Cambridge University Press* (2003), *Canadian Geotechnical Journal* (2011), *Catena* (2010), *Computers and Geosciences* (2003-2007), *Disasters* (2003, 2005, 2007), *Earth and Planetary Science Letters* (2008, 2010, 2012), *Earth-Science Review* (2012), *Earth Surface Processes and Landforms* (2003, 2005-2006, 2008-2011), *Encyclopaedias of Earth Sciences Series* (2004), *Engineering Geology* (2001-2005, 2007-2008, 2010), *Environmental Management* (2001, 2003, 2005, 2008), *Environmental Modelling & Software* (2011-2012), *Forest Ecology and Management* (2004), *Geophysical Research Letters* (2011-2012), *Geological Society, London* (2004, 2007), *Geological Society of America* (2003), *Geografia Fisica e Dinamica Quaternaria* (2010), *Geomorphology* (2001, 2003, 2005-2012), *International Journal of Applied Earth Observation and Geoinformation* (2011), *International Journal of Geographical Information Science* (2009), *Journal Asian of Earth Science* (2001), *Journal Cultural Heritage* (2001), *Journal Environmental Management* (2003, 2004, 2007-2008), *Journal Geophysical Research* (2006, 2008, 2010, 2012), *Journal of Maps* (2012), *Landslides* (2003), *Marine Geology* (2007), *Meteorology and Atmospheric Physics* (2011), *Natural Hazards* (2000-2004, 2006, 2009-2011), *Natural Hazards and Earth System Sciences* (2001-2012), *Nature* (2009), *Nonlinear Processes in Geophysics* (2008), *Remote*

Sensing of Environment (2006), Surveys in Geophysics (2001), Tectonophysics (2011), Water Resources Research (2001, 2006).

## Field experience

### *Geological Mapping and Structural Geology*

- (1980 – 1983) Sibillini Mountain Range, Central Apennines, Italy
- (1985 – 1990) Umbria Region, Central Italy

### *Landslide mapping*

- (1985 – 1986) New Mexico, USA
- (1987 – present) Umbria, Central Italy
- (1998 – 2001) Lombardy, Central Alps, Northern Italy
- (1998 – 2001) Northern Apennines, Northern Italy
- (2000) Ligurian Alps, Northern Italy
- (2008 – 2009) Shishmen River basin, Taiwan
- (2010 – 2011) NE Sicily, Italy

### *Geomorphology*

- (1987 – present) Umbria-Marche Apennines, Central Italy
- (2006 – present) Calabria, Southern Italy

## Research collaborators

Mauro Cardinali, Paola Reichenbach, Francesca Ardizzone, Mirco Galli, Silvia Peruccacci, Mauro Rossi, Alessandro Mondini, Paola Salvati, Maria Teresa Brunetti (CNR IRPI, Perugia), Colin P. Stark (Lamont-Doherty Earth Observatory, Columbia University, NY, USA), Bruce D. Malamud (Kings College London, London, UK), Donald L. Turcotte (Department of Geology, University of California Davis, USA), Kang-tsung Chang (National Taiwan University, Taipei, Taiwan), Miet Van Den Eeckhaut (F.W.O. Flanders), Gerald F. Wieczorek and Earl E. Brabb (U.S. Geological Survey, Menlo Park, USA), Thomas Glade (Department of Geography and Regional Research, University of Vienna), Alberto Carrara (CNR CIOC/CISTE/IIET, Bologna), Riccardo Lanari, Michele Manunta, Giovanni Zeni (CNR IREA, Napoli), Massimiliano Barchi (Dipartimento di Scienze della Terra, Università degli Studi di Perugia, Perugia), Giovanni B. Crosta, Angelo Cavallin (Università degli Studi di Milano Bicocca, Milano), Gabriele Tonelli (Facoltà di Architettura, Università degli Studi di Ferrara, Ferrara).

## Miscellaneous

### *Languages*

- Italian (mother tongue), English (speaking/writing/reading), French (basic)

### *Computing*

- Windows 2K/XP/Vista, MacOS, Linux, Networking, ArcInfo, AML, ArcGIS, Web-GIS, Web design, MS Office, Postgres, WinBugs, SPSS, R.

## Research Interests

- Landslide identification and mapping in different morphological, structural, and climatic environments, including the production of event inventory maps, and of multi-temporal landslide maps.
- Analysis of landslide types and patterns in relation to the geological setting and the type of trigger.

- Methods for landslide susceptibility and hazard assessment, exploiting GIS technology and statistical tools.
- Assessment of the vulnerability to landslides of different types of elements at risk.
- Qualitative and quantitative appraisal of landslide risk, with emphasis on the risk to the population.
- Validation and quality assessment of landslide inventory, susceptibility and hazard maps.
- Spatially distributed rock fall modeling for hazard assessment and risk evaluation.
- Acquisition and use of historical information on landslides and floods for hazard and risk assessment.
- Methods for the temporal forecasting of landslides.
- Analysis of the statistics of landslide size (depth, area, volume), including applications for hazard and erosion studies.
- Exploitation of remote sensing technology for landslide detection, mapping and monitoring, and for landslide susceptibility and hazard assessment.
- Study of rainfall and hydrological thresholds for the possible initiation of landslides in different physiographic and climate settings.
- Geomorphometry.
- Dissemination of scientific and technical information on natural hazards and risk.

## Publications

### Editorial activities

1. Parise M., Iovine G. R., Reichenbach P., Guzzetti F., editors (2012) *Landslides: forecasting, hazard evaluation and risk mitigation*. Natural Hazards, Vol. 61: 1, 1-4, doi: 10.1007/s11069-011-9991-5. ISI Impact Factor (2011) 1.529.
2. Mugnai A., Guzzetti F., Roth G., editors (2010) *Outcomes of the 9th EGU Plinius Conference on Mediterranean Storms (2007)* Natural Hazards and Earth System Sciences, Vol. 10, 875-879 ([http://www.nat-hazards-earth-syst-sci.net/special\\_issue81.html](http://www.nat-hazards-earth-syst-sci.net/special_issue81.html)), available @ <http://www.nat-hazards-earth-syst-sci.net/10/875/2010/nhess-10-875-2010.pdf>. ISI Impact Factor (2011) 1.983.
3. Guzzetti F. (2009) *Editorial Note: A case of plagiarism*. Natural Hazards and Earth System Sciences, Vol. 9: 1, 1-2, <http://www.nat-hazards-earth-syst-sci.net/9/1/2009/nhess-9-1-2009.pdf>. ISI Impact Factor (2011) 1.983.
4. Glade T., Nadim F., Stoetter H., Guzzetti F., editors (2008) *Editorial, Georisk: Assessment and Management of Risk for Engineered Systems and Geohazard*, Vol. 2: 4, 179-180. Special issue on Early warning systems and multidisciplinary approaches in natural hazards and risk assessments, Vol. 2: 4, 179-270. (<http://www.informaworld.com/smpp/title~content=g906309656~db=all>) ISSN: 1749-9526 (electronic) 1749-9518 (paper).
5. Ferraris L., Guzzetti F., Llasat M.-C., Mugnai A., editors (2006) *Mediterranean Storms (Plinius 2004)* Natural Hazards and Earth System Sciences, Vol. 6: [http://www.nat-hazards-earth-syst-sci.net/special\\_issue33.html](http://www.nat-hazards-earth-syst-sci.net/special_issue33.html). ISI Impact Factor (2011) 1.983.
6. Couture R., Guzzetti F., editors (2004) *Geo-Databases for Natural Hazards and Risk Assessment*. Natural Hazards and Earth System Sciences, Vol. 4: 3, 183-185, [http://www.nat-hazards-earth-syst-sci.net/special\\_issue19.html](http://www.nat-hazards-earth-syst-sci.net/special_issue19.html), SRef-ID: 1684-9981/nhess/2004-4-183. ISI Impact Factor (2011) 1.983. Citazioni ISI WoK (Luglio 2012) 2.
7. Reichenbach P., Guzzetti F., editors (2003) *Landslide Risk Assessment and Mapping*. Natural Hazards and Earth Systems Sciences, Vol. 3: 5, 403 – 486, [http://www.nat-hazards-earth-syst-sci.net/special\\_issue15.html](http://www.nat-hazards-earth-syst-sci.net/special_issue15.html). ISI Impact Factor (2011) 1.983.

8. Reichenbach P., Carrara A., Guzzetti F., editors (2002) *Assessing and Mapping Landslide Hazards and Risk*. Natural Hazards and Earth Systems Sciences, Vol. 2: 1-2, 82 p., [http://www.nat-hazards-earth-syst-sci.net/special\\_issue10.html](http://www.nat-hazards-earth-syst-sci.net/special_issue10.html). ISI Impact Factor (2011) 1.983.
9. Carrara A., Guzzetti F., editors (1999) *Techniques and Tools for Mapping Natural Hazards and Risk Impact on the Developed Environment*. Natural Hazards, Vol. 20: 2-3, November 1999, 93-324, <http://www.springerlink.com/content/92qcu70cfm6t/?p=fe672b89c26b48ca8aa72bdf488d21f2&pi=78>. ISI Impact Factor (2011) 1.529.
10. Guzzetti F., editor (1998) *Hydrological triggers of diffused landsliding*. Environmental Geology, Vol. 35: 2-3, August 1998, 240 p. <http://www.springerlink.com/content/cyx3685kpw6n/?p=2d3952289ad245c488d748fb9ec9a966&pi=0>. ISI Impact Factor (2011) 1.127. Citazioni ISI WoK (Luglio 2012) 6. Citazioni SCOPUS (Luglio 2012) 6. Citazioni Google Scholar (Luglio 2012) 10.

#### *Books with ISBN for international and national publishers*

11. Carrara A., Guzzetti F., editors (1995) *Geographical Information Systems in Assessing Natural Hazards*. Advances in Natural Technological Hazard Research Series 5, Kluwer Academic Publisher, Dordrecht, The Netherlands, June 1995, 342 p. ISBN-10: 0792335023, ISBN-13: 9780792335023, Citazioni SCOPUS (Agosto 2011) 33+4. Citazioni Google Scholar (Luglio 2012) 94.
12. Mugnai A., Guzzetti F., Roth G. editors (2001) *Mediterranean storms, Proceedings 2nd EGS Plinius Conference*, Siena, October 16-18, 2000, CNR GNDCI Publication n. 2547, Perugia, Italy, Tipografia Grifo, Perugia, ISBN 88-8080-030-2.

#### *Journals with ISSN not listed in JCR*

13. Mugnai A., Guzzetti F., Roth G., editors (2008) Preface *9th EGU Plinius Conference on Mediterranean Storms (2007)* Advances in Geosciences, Vol. 17 (<http://www.advgeosci.net/17/index.html>), available @ <http://www.advgeosci.net/prefaces/preface18.pdf>. [Rif.: ISSN: 1680-7340, eISSN: 1680-7359. Editor Deisel N.]
14. Mugnai A., Guzzetti F., Roth G., editors (2001) *Proceedings 2nd Plinius Conference on Mediterranean Storms, Siena, October 2000*. CNR GNDCI pub. n. 2547, Perugia, 529 p. [Rif.: ISBN 88-8080-030-2, Scientific Committee: P. Burlando, G. Crosta, F. Guzzetti, M.C. Llasat, A. Mugnai, J. Ramirez, G. Roth, E.A., Smith, G.F. Wiecek]

#### *Others without ISBN, ISSN, and not listed in JCR*

15. Reichenbach P., Guzzetti F., Carrara A., editors (1993) *Abstracts volume*. Workshop on Geographical Information Systems in Assessing Natural Hazards. Villa La Colombella, Perugia, Italia, 20-22 September 1993. 140 p.

#### *Book reviews*

16. Guzzetti F. (2011) *Book review: Geomorphological hazards and disaster prevention*. Edited by Alcántara-Ayala, I. and Goudie, Cambridge University Press, Cambridge, xii + 291 pp., 112 b/w illus., 25 tables, £45.00, US\$78.00, AUD\$160.00 hardback, ISBN-13: 978-0-521-76925-9 (hardback) Reviewed for Progress in Physical Geography, Vol. 35: 415-417, doi:10.1177/0309780521402553. ISI Impact Factor (2011) 3.360.

17. Guzzetti F. Lollino G. (2011) *Book review: The Story of Vaiont Told by the Geologist Who Discovered the Landslide*. E. Semenda, K-Flash Publisher, Ferrara, 205 pp., €28.00, ISBN 978-88-89288-02-3) Reviewed for Natural Hazards and Earth System Sciences, Vol. 11: 485–486. Available @ <http://www.nat-hazards-earth-syst-sci.net/11/485/2011/>. doi:10.5194/nhess-11-485-2011. ISI Impact Factor (2011) 1.983.
18. Guzzetti F. (2009) *Book review: Palaeoseismology: historical and prehistorical records of earthquake ground effects for seismic hazard assessment*. Edited by Klaus Reicherter, Alessandro M. Michetti, and Pablo G. Silva, The Geological Society, London, Geological Society Special Publication No. 316, 332 pages, ISBN-10 1-86239-276-5, ISBN-13 978-1-86239-276-2. (hardback) Reviewed for Natural Hazards and Earth System Sciences, Vol. 9: 6, 1929-1930. Available @ <http://www.nat-hazards-earth-syst-sci.net/9/1929/2009/nhess-9-1929-2009.pdf>. ISI Impact Factor (2011) 1.983.
19. Guzzetti F. (2008) *Book review: Measuring Vulnerability to Natural Hazards*. Edited by Jörn Birkmann, United Nations University Press, Tokyo, 524 pages, ISBN 92-808-1135-5 (paperback) Reviewed for Natural Hazards and Earth System Sciences, Vol. 8(1), 521. Available @ <http://www.nat-hazards-earth-syst-sci.net/8/521/2008/nhess-8-521-2008.pdf>. ISI Impact Factor (2011) 1.983.
20. Guzzetti F. (2007) *Book review: Debris flows – Mechanics, Prediction and Countermeasures*. Authored by Tamotsu Takahashi, Taylor & Francis, London, UK, 448 pages, ISBN 978-0-415-43552-9 (hardback), ISBN 978-0-203-94628-2 (e-book) Reviewed for Natural Hazards and Earth System Sciences, Vol. 7: 513–514. Available @ <http://www.nat-hazards-earth-syst-sci.net/7/513/2007/nhess-7-513-2007.pdf>. ISI Impact Factor (2011) 1.983.
21. Guzzetti F. (2004) *Book review: Coastal Chalk Cliff Instability*. Edited by R. N. Mortimore and A. Duperret, The Geological Society, London, Geological Society Engineering Geology Special Publication No. 20, 2004, 180 pages. ISBN 1-86239-150-5. Reviewed for Natural Hazards and Earth System Sciences, Vol. 5:1, 531. Available @ <http://www.nat-hazards-earth-syst-sci.net/4/533/2004/nhess-4-533-2004.pdf>. ISI Impact Factor (2011) 1.983.
22. Guzzetti F. (2004) *Book review: Catastrophic Landslides: Effects, Occurrence, and Mechanisms*. Edited by Stephen G. Evans and Jerome V. DeGraff, The Geological Society of America, Reviews in Engineering Geology, Volume XV, 2002, viii + 411 pages. ISBN 0-8137-4115-7. Reviewed for Natural Hazards and Earth System Sciences, Vol. 5(1), 533. Available @ <http://www.nat-hazards-earth-syst-sci.net/4/531/2004/nhess-4-531-2004.pdf>. ISI Impact Factor (2011) 1.983.

### Papers in journals listed in JCR

23. Günther A., Reichenbach P., Malet J.-P., Van Den Eeckhaut M., Hervás J., Dashwood C., Guzzetti F. (2012) Tier-based approaches for landslide susceptibility assessment in Europe. *Landslides*, Published on line 22 august 2012. doi: 10.1007/s10346-012-0349-1. ISI Impact Factor (2011) 2.216.

### Lavori pubblicati

24. Ardizzone, F., Basile, G., Cardinali, M., Casagli, N., Del Conte, S., Del Ventisette, C., Fiorucci F., Gigli, G., Garfagnoli, F., Guzzetti, F., Iovine, G., Mondini, A.C., Moretti, S., Panebianco, M., Reichenbach, P., Rossi, M., Tantarò, L., Terranova, O., (2012) *Landslide inventory map for the Briga and the Giampileri catchments, NE Sicily, Italy*. *Journal of Maps*. ISI Impact Factor (2011) 0.296.
25. Guzzetti F., Mondini A.C., Cardinali M., Fiorucci F., Santangelo M., Chang K.T. (2012) *Landslide inventory maps: new tools for and old problem*. *Earth-Science Reviews*, Vol. 112, 42-66. doi: 10.1016/j.earscirev.2012.02.001. ISI Impact Factor (2011) 6.594.

26. Peruccacci S., Brunetti M.T., Luciani S., Vennari C., Guzzetti F. (2012) *Lithological and seasonal control on rainfall thresholds for the possible initiation of landslides in central Italy*. *Geomorphology*, Vol. 139-140, 79-90. doi: 10.1016/j.geomorph.2011.10.005. ISI Impact Factor (2011) 2.520.
27. Palma B., Parise M., Reichenbach P., Guzzetti F. (2012) *Rock fall hazard assessment in a sample area of the Sorrento Peninsula (Campania, southern Italy)*. *Natural Hazards*, doi: 10.1007/s11069-011-9899-0. ISI Impact Factor (2011) 1.529. Citazioni ISI WoK (Luglio 2012) 1. Citazioni SCOPUS (Luglio 2012) 1.
28. Ghosh S., van Westen C.J., Carranza E.J.M., Jetten V.G., Cardinali M., Rossi M., Guzzetti F. (2012) *Generating event-based landslide maps in a data-scarce Himalayan environment for estimating temporal, and magnitude probability*. *Engineering Geology*, Vol. 128, 49-61, doi: 10.1016/j.enggeo.2011.03.016. ISI Impact Factor (2011) 1.242. Citazioni ISI WoK (Luglio 2012) 1. Citazioni Google Scholar (Luglio 2012) 3.
29. Mondini A.C., Guzzetti F., Reichenbach P., Rossi M., Cardinali M., Ardizzone F. (2011) *Semi-automatic recognition and mapping of rainfall induced shallow landslides using satellite optical images*. *Remote Sensing of Environment*, Vol. 115, 1743-1757, doi: 10.1016/j.rse.2011.03.006. ISI Impact Factor (2011) 4.574. Citazioni ISI WoK (Luglio 2012) 3. Citazioni SCOPUS (Luglio 2012) 3.
30. Fiorucci F., Cardinali M., Carlà R., Rossi M., Mondini A.C., Santurri L., Ardizzone F., Guzzetti F. (2011) *Seasonal landslides mapping and estimation of landslide mobilization rates using aerial and satellite images*. *Geomorphology*, Vol. 129, Issues 1-2, 59-70, doi: 10.1016/j.geomorph.2011.01.013. ISI Impact Factor (2011) 2.520. Citazioni ISI WoK (Settembre 2011) 1. Citazioni SCOPUS (Luglio 2012) 3.
31. Katz O., Reichenbach P., Guzzetti F. (2011) *Rock fall hazard along the railway corridor to Jerusalem, Israel, in the Soreq and Refaim valleys*. *Natural Hazards*, Vol. 56, Issue 3, 649-665, doi: 10.1007/s11069-010-9580-z. ISI Impact Factor (2011) 1.529. Citazioni ISI WoK (Luglio 2012) 2. Citazioni SCOPUS (Luglio 2012) 2.
32. Brunetti M.T., Peruccacci S., Rossi M., Luciani S., Valigi D., Guzzetti F. (2010) *Rainfall thresholds for the possible occurrence of landslides in Italy*. *Natural Hazards and Earth System Sciences*, Vol. 10, Issue 3, 447-458, doi: 10.5194/nhess-10-447-2010. Available @ <http://www.nat-hazards-earth-syst-sci.net/10/447/2010/nhess-10-447-2010.html>. ISI Impact Factor (2011) 1.983. Citazioni ISI WoK (Luglio 2012) 6. Citazioni SCOPUS (Luglio 2012) 8. Citazioni Google Scholar (Luglio 2012) 17.
33. Rossi F., Witt A., Guzzetti F., Malamud B.D., Peruccacci S. (2010) *Analysis of historical landslide time series in the Emilia-Romagna Region, Northern Italy*. *Earth Surface Processes and Landforms*, Vol. 35, Issue 10, 1123-1137, doi: 10.1002/esp.1858. ISI Impact Factor (2011) 2.432. Citazioni ISI WoK (Luglio 2012) 3. Citazioni SCOPUS (Luglio 2012) 4. Citazioni Google Scholar (Luglio 2012) 5.
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### Bibliometric statistics

Calculated from ISI Web of Knowledge on 15 July 2012

- Period: 1990 – 2012
- Paper with citations: 65
- Citations: 2289
- Average number of citation per paper: 35,22
- h-index: 25

Calculated from SCOPUS on 15 July 2012

- Period: 1991 – 2012
- Papers: 67
- Scopus citations: 2523
- h-index: 25

Calculated from Google Scholar on 15 July 2012

(<http://scholar.google.com/citations?user=IGZMXu0AAAAJ>).

- Period: 1990 – 2012
- Citations: 4177
- h-index: 30