

PUBBLICAZIONI C.U.G.RI.

Anno	Autori	Titolo	Rivista	Nota interna
2015	Giovanni Ludeno , Ferdinando Reale Fabio Dentale Eugenio Pugliese Carratelli, Antonio Natale , Francesco Soldovieri and Francesco Serafino “	An X-Band Radar System for Bathymetry and Wave Field Analysis in a Harbour Area	Sensors 2015 ISSN 1424-8220, doi:10.3390/s150101691 www.mdpi.com/journal/sensors	
2014	F. Reale, E. Pugliese Carratelli, Luis Cordova, F. Dentale, M. Buccino	“Applications of satellite altimeter data to the coastal protection of Northern Cuba”	Meteorological Satellite Conference 2014 Geneva, Switzerland 22 - 26 September Session: Marine meteorology and oceanography http://www.eumetsat.int/website/home/News/Conference sandEvents/PreviousEvents/DAT_2076129.html	
2014	Fabio Dentale, Giovanna Donnarumma, Eugenio Pugliese Carratelli	“Simulation of Flow within Armour Blocks in a Breakwater”	<i>Journal of Coastal Research, 2014</i>	
2014	Ferdinando Reale, Eugenio Pugliese Carratelli	“Numerical Simulation of Whitecaps and Foam Effects on Satellite Altimeter Response”	Remote Sens. 2014, 6, 3681-3692; doi:10.3390/rs6053681 ISSN 2072-4292 www.mdpi.com/journal/remotesensing	
2014	Pugliese Carratelli Eugenio; Ferdinando Reale; Dentale Fabio Torrìsi Lucio	Remote Sensing of Small Scale Storm Variations In Coastal Seas	Journal of Coastal Research, Volume 30, Issue 1, January 2014, Pages 130-141	
2012	Luca Cavallaro, Fabio Dentale, Giovanna Donnarumma, Enrico Foti, Rosaria E. Musumeci, Eugenio Pugliese Carratelli	“Rubble Mound Breakwater Overtopping: Estimation of the reliability of a 3D Numerical Simulation”	ICCE 2012 International Conference on Coastal Engineering Santander - Spain - July 2012	
2012	Viccione G., V. Bovolin, and E. Pugliese Carratelli.	“Simulating fluid-structure interaction with SPH”	Tenth International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Kos, Greece Citation: <i>AIP Conf. Proc.</i> 1479, 209 (2012); doi: 10.1063/1.4756099 View online: http://dx.doi.org/10.1063/1.4756099	

2012	Pugliese Carratelli E., F. Dentale, F. Reale, G. Spulsi, L. Torrissi	"Rilievo da satellite dello stato del mare"	Aggiornamento in Tecniche per la Difesa dall'Inquinamento Guardia Piemontese ISBN: 978-88-97181-16-3	
2012	E. Pugliese Carratelli, F. Dentale, F. Reale and L. Torrissi “	Satellite altimeter data as a tool to improve the understanding of wave storm statistics”	Proceedings of the Eighth International PIANC Conference–COPEDEC, Indian Institute of Technology Madras, Chennai, India, 2012 pp. 1542-1549, ISBN: 978-93-80689-06-7.	
2012	Ferdinando Reale; Dentale Fabio Pugliese Carratelli Eugenio	“Foam Effects on Altimeter Response”	in 20 Years of Progress in Radar Altimetry Symposium, 24 -29 September 2012 Venice, Italy Presentazione a congresso http://www.congrexprojects.com/2012-events/12c01/posters http://congrexprojects.com/2012-events/altimetry/programme	
2012	Pugliese Carratelli Eugenio; Ferdinando Reale; Dentale Fabio, Torrissi Lucio,	"Small Scale Storm Variability and Satellite Altimeter Data "	in 20 Years of Progress in Radar Altimetry Symposium, 24-29 September 2012 Venice, Italy Presentazione a congresso http://www.congrexprojects.com/2012-events/12c01/posters	
2011	Viccione G., V. Bovolín, and E. Pugliese Carratelli.	Short term variability of pressure distribution on vertical breakwaters using WCSPH”	3rd ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN), Corfu, Greece. 2011.”	
2011	Ferrante, V., Budillon, F., Iorio, M., Lubritto, C., Monaco, M., Pugliese Carratelli, E., Vicinanza, D.	"Tracing Possible Offshore Sand Movement During Extreme Sea Storm Events: an example from the Salerno Bay (Southern Tyrrhenian Sea)".	In: Chapter Risks, Marine Research at CNR, Dipartimento Terra e Ambiente, ISSN 2239-5172, Volume DTA/06-2011 pp. 1720-1733.	
2011	Giacomo Viccione, Vittorio Bovolín and Eugenio Pugliese Carratelli	“Simulating Flows with SPH: Recent Developments and Applications”	Hydrodynamics - Optimizing Methods and Tools, ISBN 978-953-307-712-3 InTech, October 2011	
2011	Pugliese Carratelli, E., F. Dentale, and F. Reale	On the effects of wave-induced drift and dispersion in the Deepwater Horizon oil spill, in Monitoring and Modeling the Deepwater Horizon Oil Spill: A Record-Breaking Enterprise	AGU Geophys. Monogr. Ser., vol. 195, edited by Y. Liu et al., pp. 197–204, AGU, Washington, D. C., doi:10.1029/2011GM001109	

2011	Raney, J.R., Fraternali, F., Amendola, A., Daraio, C.	Modeling and In Situ Identification of Material Parameters for Layered Structures based on Carbon Nanotube Arrays.	COMPOSITE STRUCTURES 93:3013–3018,. ISSN: 0263-8223. DOI: 10.1016/j.compstruct.2011.04.034	
2011	Fraternali, F., Blesgen, T., Amendola, A., Daraio, C.	Multiscale Mass-Spring Models of Carbon Nanotube Foams.	JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS, 59, 89-102,. ISSN: 0022-5096. DOI: 10.1016/j.jmps.2010.09.004.	
2011	Fraternali. F..	A Mixed Lumped Stress – Displacement Approach to the Elastic Problem of Masonry Walls.	MECHANICS RESEARCH COMMUNICATIONS, 38, 176-180,. ISSN: 0093-6413, DOI: 10.1016/j.mechrescom.2011.03.008	
2011	Rapolla A., Paoletti V., Secomandi M.,	Cartografia della Suscettibilità alla Franosità Sismo-Indotta dell'isola di Ischia,	Dip Sc.Terra Univ.Napoli Federico II, Napoli	
2011	Carrara E., Rapolla A., Roberti N.	Le indagini geofisiche per lo studio del sottosuolo:metodi geoelettrico e sismico.	Collana Geofisica dell'Ambiente e del Territorio, 287 pp, Liguori Ed., Napoli	
2010	Daraio, C.; Ngo, D, Nesterenko, V. F., Fraternali, F.	Highly Nonlinear Pulse Splitting and Recombination in a Two Dimensional Granular Network.	PHYSICAL REVIEW E, 82, 036603,. DOI: 10.1103/PhysRevE.82.036603	
2010	Rapolla A., Di Nocera S., Matano F., Di Fiore V., Paoletti V., Rapolla E., Tarallo D.	Aspetti geosismologici del terremoto de L'Aquila del 6 Aprile 2009 ed implicazioni sulle modalità di valutazione dell'hazard sismico in Italia	TRIA-Rivista Intern. di Cultura Urbanistica, vol. 5, 49-61.	
2010	Rapolla A., Tarallo D., Paletti V., Di Nocera S., Matano F.,	Strategies for 2nd grade Zonation on Susceptibility to Seismic Induced Landslides in Southern Appenines, Italy,	Eos Transaction Amer. Geoph. Union, Fall Meeting, Abstract NH31B-1346, San Francisco CA., USA, Dec.13-17.	
2010.	Fraternali, F., Negri, M, Ortiz, M.	On the Convergence of 3D Free Discontinuity Models in Variational Fracture.	INTERNATIONAL JOURNAL OF FRACTURE,166 (1-2), 3-11, ISSN: 0376-9429, DOI: 10.1007/s10704-010-9462-0	
2010	Fernando Fraternali · Matteo Negri · Michael Ortiz	On the convergence of 3D free discontinuity models in variational fracture	Int J Fract (2010) 166:3–11 DOI 10.1007/s10704-010-9462-0	

2010	Rapolla A., Paoletti V., Secomandi M.	Seismically-induced landslide susceptibility evaluation: Application of a new procedure to the island of Ischia, Campania Region, Southern Italy	Engineering Geology 114 (2010) 10–25	
2010	F. Fraternali a,b,_, T.Blesgen c, A.Amendola a, C.Daraio d	Multiscale mass-spring models of carbon nanotube foams	Journal of the Mechanics and Physics of Solids 59 (2011) 89–102	
2010	Fabio Dentale, Renato Marconi, Eugenio Pugliese Carratelli, Giuseppe Spulsi ,Paolo Veltri	“Accumulo e dispersione di sedimenti in vicinanza dei porti”	31° Corso di aggiornamento in tecniche per la difesa dall’inquinamento 16 - 19 Giugno 2010 Guardia Piemontese Terme (CS)	
2009	Paolo Veltri, Bianca Verbeni, Eugenio Pugliese Carratelli	“An Italian Experience on BDS: Test Sites in Ostia and in Procida”	33rd IAHR Congress August 2009 Vancouver, British Columbia, Canada	
2009	Fabio Dentale, Eugenio Pugliese Carratelli, Sebastiano Pane	“Modellazione numerica del moto ondoso su barriere frangiflutti sommerse porose”	Studi Costieri, N. 16	
2009	Al-Ragum A., Giarrusso C.C., Pugliese Carratelli E., Rakha K., Reale F.	“Satellite Altimeter Calibration of a Wave Model in the Arabian Gulf”	4th SCACR International Short Conference on Applied Coastal Research. Barcelona, Catalonia, 15th – 17th June 2009.	
2009	BERND SCHMIDT†, FERNANDO FRATERNALI‡, AND MICHAEL ORTIZ	EIGENFRACTURE: AN EIGENDEFORMATION APPROACH TO VARIATIONAL FRACTURE	MULTISCALE MODEL. SIMUL. c_ 2009 Society for Industrial and Applied Mathematics Vol. 7, No. 3, pp. 1237–1266	
2009	Daraio C., Nesterenko V.F., Fraternali F.	HIGHLY NONLINEAR PULSE SPLITTING AND RECOMBINATION IN A TWO DIMENSIONAL GRANULAR NETWORK1	In press on Physical Review E, manuscript number EC10611	
2009	D. Guida, M. Guida, A. Cuomo, D. Guadagnuolo, A. Longobardi, V. Siervo	Use of isotopic tracers for the study of the interaction of surface water and groundwater in a karst environment.	Geophysical Research Abstracts, Vol. 11, 09661, 2009, (EGU General Assembly, 2009).	

2009	A. Casola, A. Longobardi, P. Villani	Analysis of mass and energy fluxes in a Mediterranean area.	Geophysical Research Abstracts, Vol. 11, 09783, 2009, (EGU General Assembly, 2009).	
2009	A. Longobardi, P. Villani	Baseflow index regionalization analysis in a Mediterranean area and data scarcity context.	Geophysical Research Abstracts, Vol. 11, 09699, 2009, (EGU General Assembly, 2009).	
2009	RAPOLLA A., DI FIORE V., DI NOCERA S. and MATANO F., PAOLETTI V., TARALLO D.	The April 2009 Abruzzi, Italy, Earthquake: Impact on Site Seismic Hazard Estimation	Eos, Vol. 90, No. 45, 10 November 2009	
2009	Paoletti V., Di Maio R., Cella F., Florio G., Motschka K., Roberti N., Secomandi M., Supper R., Fedi M., Rapolla A.	The Ischia volcanic island (Southern Italy): Inferences from potential field data interpretation	Journal of Volcanology and Geothermal Research 179 (2009) 69–86	
2009	Meo M.G	Modelling of enclosure fires	PhD thesis in Chemical Engineering, Department of Chemical and Food Engineering, University of Salerno (Italy), ISBN 88-7897-032-8.	
2009	Dentale F., Monaco M., Pugliese Carratelli E.	A numerical assessment of scale effects on wave breaking modelling	3 rd International Short Conference/Course on Applied Coastal Research 2-4 June 2008	
2008	Ciambelli P., Meo M.G., Russo P., Vaccaro S. ()	Sprinklers modeling for tunnel road fire fighting	In Proceedings of the 31st Meeting on Combustion, 17-20 June 2008, Turin (Italy), Italian Section of the Combustion Institute, p. IX-4.1-IX-4.6. ISBN/ISSN: 978-88-88104-07-2.	
2008	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	Study of smoke movement in buildings by CFD modelling	In Proceedings of International Congress on Smoke Control in Buildings and Tunnels, Santander, 15-17 October 2008 (J. Capote, D. Alvear, M. Lázaro, P. Espina and A. Cuesta Eds.), University of Cantabria Press, Santander (Spain). ISBN/ISSN: 978-84-8102-516-3.	

2008	Paoletti V., Rapolla A., Secomandi M.	Magnetic signature of submarine volcanoes in the Phlegrean Fields-Ischia Ridge (North-Western side of the Bay of Naples, Southern Italy)	Annals of geophysics, Vol. 51., n. 4., August 2008	
2008	Rapolla A.	La pericolosità sismica	Liguori Editore, Napoli, 261 pp.	
2008	Pugliese Carratelli E., Messineo F., Dentale F, Spulsi G., Monaco M.	Harbour Planning and Coastal Processes the City of Salerno and Its Bay	COPEDEC VII, 2008, Dubai, UAE	
2008	Dentale F., Monaco M., Pugliese Carratelli E	A Numerical Assessment Of Scale Effects On Wave Breaking Modelling	Proceedings of the 3rd International Short Conference On Applied Coastal Research	
P2008	Granese, Viccione, Bovolin	Validazione Di Un Codice Sph Per La Simulazione Di Flussi Viscoplastici	Atti del 31° Convegno Nazionale di Idraulica e Costruzioni Idrauliche	
2008	Viccione G., Dentale F., Bovolin V. and Pugliese Carratelli E.	Simulation of wave impact pressure on vertical structures with the SPH	ERCOFTAC SIG SPHERIC IIIrd Int. Workshop	
2008	Viccione G., Bovolin V. and Pugliese Carratelli E.	Defining and optimizing algorithms for neighbouring particle identification in SPH fluid simulations ABSTRACT	International Journal For Numerical Methods In Fluids	
2008	De Vita P., Angrisani A.C. & Di Clemente E.	Engineering geological properties of the Phlegrean pozzolan soil and effect of the suction on the stability of cut slopes	Italian Journal of Engineering Geology and Environment	
2008	GUIDA D., GUIDA M., CUOMO A., GUADAGNUOLO D., SIERVO V.	PROCEDURA PREVISIONALE MULTISCALARE PER LA INDIVIDUAZIONE E CARATTERIZZAZIONE DELLE AREE A DIVERSO POTENZIALE DI RADON ESALATO DAL SUOLO: UN	GEOLOGI	

		CAMPO NUOVO PER LA RICERCA GEOLOGICO-APPLICATIVA E LA PRATICA PROFESSIONALE INTERDISCIPLINARE		
2008	GUIDA D., GUIDA M.	Radioattività-par.9.2.2 Matrice acqua	AGENTI FISICI. IL MONITORAGGIO IN CAMPANIA 2003-2007,	
2008	GUIDA D., GUIDA M., CUOMO A., GUADAGNUOLO D., SIERVO V.	RADON-PRONE AREAS ASSESSMANT IN CAMPANIA REGION. APPLICATIONS OF A HIERCHICAL AND MULTISCALE APPROACH TO THE ENVIRONMENTAL PLANNING	GEOLOGIA TECNICA & AMBIENTALE	
2008	Del Giudice G., Gisonni C., Rasulo G.	Vortex drop shaft for supercritical flow	Advances in water resources and hydraulic engineering	
2008	Del Giudice G., Gisonni C., Rasulo G.,	Vortex shaft outlet	Advances in water resources and hydraulic engineering	
2008	A. Longobardi, P. Villani	Baseflow index regionalization analysis in a Mediterranean environment and data scarcity context: role of the catchment permeability index.	Journal of Hydrology, 355, 63-75.	
2008	A. Longobardi	Observing soil moisture temporal variability under fluctuating climatic conditions.	Hydrology and Earth System Sciences Discussion, 5, 935-969	
2008	D. Guida, A. Longobardi, F. Rossi, P.	Un modello idrologico semidistribuito per la previsione delle portate in bacini non monitorati.	Villani In: XXXI Convegno di Idraulica e Costruzioni Idrauliche, Perugia, 9-12 Settembre 2008.	
2008	A. Longobardi	L'effetto delle condizioni climatiche sulla dinamica dell'umidità del suolo.	In: XXXI Convegno di Idraulica e Costruzioni Idrauliche, Perugia, 9-12 Settembre 2008.	

2008	A. Longobardi, P. Villani	Low flows regional pattern defined by catchment properties and climatic forcing.	Geophysical Research Abstracts, Vol. 10, 09790, 2008, (EGU General Assembly, 2008).	
2008	M. Guida, D. Guadagnalo, D. Guida, A. Longobardi, P. Villani	Measuring groundwater - river interaction using ²²² Rn tracer in karstic Mediterranean environment. A case study: the Bussento river and the Policastro gulf system.	Geophysical Research Abstracts, Vol. 10, 06292, 2008, (EGU General Assembly, 2008).	
2007	M. Guida, D. Guadagnuolo, D. Guida, A. Longobardi, P. Villani	Submarine Groundwater Discharge assessment of river springs and development and application of innovative continuous Radon-monitoring measurements for the Bussento river and the Policastro Gulf. NREVIII	8° International Symposium on the Natural Radiation Environment, Buzios, Brazil, 7 – 12 ottobre 2007.	
2007	A. Longobardi, P. Villani	Rapporto tra non stazionarietà delle precipitazioni intense e rischio di alluvione. “Cambiamenti climatici e dissesto idrogeologico: scenari futuri per un programma nazionale di adattamento”	Workshop, Napoli, 9 – 10 luglio 2007.	
2007	R. Di Rosario, D. Guida, A. Longobardi, V. Siervo,	Villani Water resources and sediment prediction in poorly monitored basins: the Mingardo river basin case study.	P. 9th Plinius Conference on Mediterranean Storm, Varenna, Italy, 2007.	
2007	A. Longobardi, D. Pellegrino, P. Villani	Long rainfall time series trend analysis in Campania region, Southern Italy.	IUGG 2007, Perugia, Italy.	
2007	A. Longobardi, P. Villani	Low flows regional statistical analysis within a Southern Italy context.	Geophysical Research Abstracts, Vol. 9, 08720, 2007, (EGU General Assembly, 2007).	
2007	A. Longobardi, F. Rossi, P. Villani	A regional statistical analysis of unimpaired low river flows and	In: La Loggia G., et al. (eds) Water resources assessment and management under water scarcity scenarios, edizioni	

		implication for environmental minimum flow requirements.	CSDU, Milano, pp. 97-116, (ISBN: 978-88-900282-8-1).	
2007	A. Longobardi, F. Rossi, P. Villani	A case study: main hydrological drought indexes analysis in a GIS environment.	In: La Loggia G., et al. (eds) Water resources assessment and management under water scarcity scenarios, edizioni CSDU, Milano, pp. 29-48, (ISBN: 978-88-900282-8-1).	
2007	Cascini L., Di Nocera S., Ferlisi S., Fornaio G., Peduto D., Serafino F.	A land subsidence study via DInSAR technique over large urbanised areas. Urban remote sensing Joint Event URS 2007, Parigi 11-13 April 2007	IEEE Catalog numer 07EX1577	
2007	Cascini L., Di Nocera S., Ferlisi S., Fornaro G., Peduto D., Pisciotta G. (2007).	Multitemporal DinSAR data and damageto facilities as indicators for the state of activity of slow-movinglandslides	Proceedings 10th International Symposium on Landslides and Engineered Slopes	
2007	Iovino M. & Perriello Zampelli S.	Le frane del 30 aprile 2006 del M. Vezzi (Ischia, NA) nel contesto delle frane di scivolamento - valanga - colata nei suoli vulcanici in Campania) (The April 30th , 2006, M. Vezzi landslides (Ischia Island, Italy) in the context of volcanic soil slides - avalanches - flows in Campania)	Italian Journal of Engineering Geology and Environment	
2007	De Vita P., Di Clemente E., Rolandi M. & Celico P.	Engineering geological models of the initial landslides occurred on April 30 2006, at Mount di Vezzi (Ischia Island, Italy).	Italian Journal of Engineering Geology and Environment	

2007	Di Nocera S., Matano F., Rolandi G. & Rolandi R.	Contribution on geological and volcanological aspects of Mt.e di Vezi (Ischia island) to study the landslide events of April 2006	Italian Journal of Engineering Geology and Environment	
2007	Perriello Zampelli S.	Sulla possibilità di determinazione della suscettibilità allo scivolamento di suoli piroclastici in Campania	'La mitigazione del rischio da colate di fango a Sarno e negli altri Comuni colpiti dagli eventi del maggio 1998'	
2007	Del Giudice G., Rasulo G.	Criteri di progetto di pozzi a vortice a valle di correnti veloci	“Acqua e Città”	
2007	Del Giudice G., Farina L.	Fuzzy logic for prioritizing sewer line maintenance	XXXII IAHR Congress	
2007	Viparelli E., Sequeiros O., Antelli A., Parker G.	A numerical model to store and access the stratigraphy of non-cohesive sediment as an alluvial bed aggrades and degrades in a flume	RCEM 2007 5th IAHR	
2007	Cella F., Fedi M., Florio G., Paoletti V., Rapolla A.	A review of the gravity and magnetic studies in the Tyrrhenian Basin and its volcanic districts	Annals of geophysics., Vol. 51 n. 1, February 2008	
2007	Paoletti V., Rapolla A., Secomandi M.,	The structural setting of the Monte di Vezi area, Ischia Island, derived from geophysical data	Italian Journal of Engineering Geology and Environment	
2007	Rasulo, G, Del Giudice, G..	Criteri di progetto di pozzi a vortice a valle di correnti veloci	Convegno nazionale di idraulica urbana	Da inserire sul sito e manca estratto cartaceo

2007	Dentale F., Pugliese Carratelli E., Rakha K., Reale F.	WAVE FIELD ANALYSIS FROM SAR IMAGES OF ENCLOSED SEAS	32nd Congress of IAHR, the International Association of Hydraulica Engineering E Research	
2007	Giacomo Viccione, Vittorio Bovolin, Eugenio Pugliese Carratelli	A Fast Neighbour- Search Algorithm for Free Surface Flow Simulations Using SPH	ECCOMAS Thematic Conference on Computational Methods	
2007	BELGIORNO V., RIZZO L., FATTA D., DELLA ROCCA C, LOFRANO G., NIKOLAU A., NADDEO V., MERIC S.	Review on endocrine disruptors- Emerging compounds in Urban wastewater: occurrence and removal by photocatalysis and ultrasonic irradiation for wastewater reuse	DESALINATION	
2007	De Feo G., Galasso M., Belgiorno V.	Groundwater recharge in an endoreic basin with reclaimed municipal wastewater	Water Science and Technology	
2007	Lofrano G., Meric S., Belgiorno V., Napoli R.M.A.	Fenton's oxidation of various based synthetic tannins (svntans)	DESALINATION	
2007	Lofrano G., Meric S., Belgiorno V.	Sustainable wastewater management in devolving countries:are constructed wetlands a feasible approach for wastewater	International Journal of Environment and Pollution (in press)	
2007	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	CFD simulations for the comparison of the effectiveness of some fire protection	In Fire and Explosion Hazards, 5th International Seminar, 23-27 April 2007 (D. Drysdale, D. Bradley, V. Molkov and R. Carvel Eds.), School of Engineering and Electronics - University of Edinburgh Press. Edinburgh	
2007	Lofrano G., Meric S., Belgiorno V. , Nikolau A, Napoli R.M.A	Fenton and photo-Fenton treatment of a synthetic tannin used in leather tannery: a multi-approach study	Water Science and Technology	

2006	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	Natural vs forced ventilation during fires in relatively short road tunnels	In Proceedings of the 29th Meeting on Combustion, 14-17 June 2006, Pisa (Italy), Italian Section of Combustion Institute, n. I-15.1-I-15.6 ISBN/ISSN: 88-88104-06-2	
2006	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	CFD simulations of road tunnel fires to estimate the influence of ventilation systems on safety	3rd International Conference on Tunnel Safety and Ventilation - New	
2006	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	Dangerous Good Transportation - Simulation Of A Fire Accident Occurring In A Tunnel	2nd International Conference on Safety & Environment in Process Industry (CISAP-2)	
2006	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	Sensitivity analysis of a computer code for modelling confined fires	In: Advanced Computational Methods in Heat Transfer IX. 9th International Conference on Advanced Computational Methods and Experimental Measurements in Heat and Mass Transfer, New Forest (UK), 5-7 July 2006 (B. Sunden, and C.A. Brebbia Eds.), Wessex	
2006	Eugenio Pugliese Carratelli, Fabio Dentale, Ferdinando Reale	NUMERICAL PSEUDO RANDOM SIMULATION OF SAR SEA AND WIND RESPONSE	SeaSAR 2006, ESA-ESRIN Symposium	
2006	D. Guida, A. Longobardi, P. Villani	Hydrological modelling for river basin management in an highly hydro- geological conditioned environment	Geo-Environment & Landscape Evolution II. J.F. Martin-Duque, C.A. Brebbia, D. Emmanouloudis, U. Mander	

2006	G. De Chiara, V. Bovolin, P. Villani, M. Migliaccio	Remote sensing technique to estimate the water surface of artificial reservoirs - Problems and potential Solutions	IEEE GOLD Remote Sensing Conference 2006	
2006	G. Benevento, A. Longobardi e P. Villani	Analisi idrologica del regime di magra dei deflussi naturali	Cilentum	
2006	Bilotta E., Foresta V., Migliaro G.	Suction Controlled Laboratory Tests on Undisturbed Pyroclastic Soil – Stiffnesses and Volumetric Deformations	Proc. of 4rd Intern. Conf. on Unsaturated Soils	
2006	Calvello M., Cascini L.	Predicting Rainfall- Induced Movements of Slides in Stiff Clays	“Geohazards”	
2006	Cascini L., Gullà G., Sorbino G.	Groundwater modelling of a weathered gneissic cover	Canadian Geotechnical Journal	
2006	Cascini L., Sorbino G	Le attività di ricerca in Ingegneria Geotecnica Presso l'Università di Salerno – un contributo alla memoria del Prof. Arturo Pellegrino	Incontro scientifico e commemorativo in memoria del prof. Arturo Pellegrino	
2005	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	Simulation of a railway tunnel fire due to loss of chemicals	Workshop su Sicurezza in Ambiente Chimico, XVI Congresso Nazionale di Chimica Industriale	
2005	Ciambelli P., Meo M.G., Russo P., Vaccaro S.	Simulazione numerica di incendi in gallerie stradali per la valutazione dell'efficacia dei sistemi di sicurezza	III Convegno Scientifico Nazionale su Sicurezza nei Sistemi Complessi, 19-21 Ottobre 2005, Bari (Italia). CD Proceedings.	

2005	Pugliese Carratelli E., Budillon G., Dentale F., Napoli F., Reale F., Spulsi G.	An Experience in Monitoring and Integrating Wind and Wave Data in the Campania Region	Bollettino di Geofisica Teorica ed Applicata	
2005	Pugliese Carratelli E., Dentale F., Giarrusso C, Reale F., Spulsi G.	Application of Satellite SAR images to Sea and Wind Monitoring in Coastal Seas	Arabian Coast 2005 – Coastal Zone Management and engineering	
2005	A. Longobardi, P. Villani	A regional analysis of river's low flow regime	Water for life: water resources management perspectives	
2005	Bilotta E., Foresta V., Migliaro G.	Rigidezze e deformazioni volumetriche delle ceneriti di S. Lucia (Sarno)	Incontro scientifico e commemorativo in memoria del prof. Arturo Pellegrino	
2005	E. Bilotta, L. Cascini, V. Foresta, G. Sorbino	Geotechnical characterization of pyroclastic soils involved in huge flowslides	Geotechnical and Geological Engineering	
2005	Cascini L.	Risk assessment of fast landslide- From theory to practice	General Rep. In Proc. Int. Conf. on “Fast Slope Movements - Prediction and Prevention for Risk Mitigation”	
2005	Cascini L., Cuomo S., Sorbino G.	Flow-like mass movements in pyroclastic soils - remarks on the modelling of triggering mechanisms	Rivista Italiana di Geotecnica	
2005	Cascini L., Bonnard Ch., Corominas J., Jibson R., Montero-Olarte J.	Landslide hazard and risk zoning for urban planning And development	State of the Art report. Atti della International Conference on Landslide Risk Management	
2005	Sorbino G.	Numerical modelling of soil suction measurements in pyroclastic soils	Proc. of “ Advanced Experimental Unsaturated Soil Mechanics”	
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