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Decreto Rettore Università di Roma “La Sapienza” n 2443/2021 del 20.09.2021

Paolo De Girolamo Curriculum Vitae

Place: Roma (Italy)

Date: 2021, October 4th

Part I – General Information

Full Name	Paolo De Girolamo
Date of Birth	01/07/1959
Place of Birth	Rome (Italy)
Citizenship	Italian
Permanent Address	Via Lucio Afranio, 4 – 00136 Roma (Italy)
Mobile Phone Number	+ 3292987254
E-mail	paolo.degirolamo@uniroma1.it
Spoken Languages	Italian, English and Spanish

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	1985	University of Rome La Sapienza – Faculty of Engineering	Degree in Civil Engineering, Hydraulics Section
PhD (Dottorato di Ricerca)	1989	Ministero dell’Università e della Ricerca Scientifica e Tecnologica	Ph.D in Maritime Hydraulics

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
2013	2021	University of Rome La Sapienza – Faculty of Engineering - DICEA (Dipartimento di Ingegneria Civile, Edile e Architettura)	Associate Professor
1999	2012	University of L’Aquila Faculty of Engineering – DISAT (Dipartimento di Ingegneria delle Strutture delle Acque e del Terreno)	Associate Professor
1992	1998	University of Rome La Sapienza – Faculty of Engineering - DITS (Dipartimento di Idraulica, Trasporti e Strade)	Researcher
1989	1992	University of Rome La Sapienza – Faculty of Engineering - DITS (Dipartimento di Idraulica, Trasporti e Strade)	Research fellow

IIIB – Other Appointments

Start	End	Institution	Position
2021	2021	MIMS (Ministero delle Infrastrutture e della Mobilità Sostenibili)	Member of the Commission for Climate Change, Sustainable Infrastructure and Mobility.
2018	2024	MIUR	Winner of the ASN - 2018 (Abilitazione Scientifica Nazionale 2012 – Area CUN 08/A1 – Prima Fascia)
2012	2021	University of Rome La Sapienza - DICEA	Member of the Doctoral Committee in Environmental and Hydraulic Engineering
2013	2019	MIUR	Winner of the ASN - 2012 (Abilitazione Scientifica Nazionale 2012 – Area CUN 08/A1 – Prima Fascia)
2012	-----	University of Rome La Sapienza	Winner of the national call for the position of associate professor in the Area CUN 08 convened by University of Roma La Sapienza in the area CUN 08
1999	2012	University of L’Aquila	Member of the Doctoral Committee in “Physical and mathematical modelling”
1997	-----	Mediterranean University of Reggio Calabria	Winner of the national call for the position of Associate Professor,

1995	1998	University of Rome La Sapienza	convened by the Ministry of University and Scientific and Technological Research (MURST)
1992	-----	University of Rome La Sapienza	Member of the Doctoral Committee in “Hydraulics”
1985	1989	University of Rome La Sapienza – Faculty of Engineering - DITS (Dipartimento di Idraulica, Trasporti e Strade)	Winner of the national call for the position of university researcher, convened by University of Rome La Sapienza
			Ph.D Student

III/C – Research activities (fellowships) carried out in qualified international institutions

Year	Institution	Supervisor - Position
1987	Danish Hydraulic Institute	I.R. Warren – P. Madsen Visiting PhD Student
1987	Delft Hydraulics	Jan K. Kostense – J.K. Dingemans Visiting PhD Student

III/D - Reviewer for international journals (SCOPUS e ISI), international research institutions and national research institutes

Journal of Waterway, Port, Coastal and Ocean Engineering of the American Society of Civil Engineers
Ocean Engineering
Environmental Modelling and Software
Mathematical Problems in Engineering
Aquatic Ecosystem Health
Applied Ocean Research
Energies
Shock and Vibration
Journal of Marine Science and Engineering
Water
Continental Shelf Research
Computer and Geosciences
Coastal Engineering
Journal of Fluids and Structures
Journal of Coastal Research
Landslides - Journal of the International Consortium on Landslides
ISOPE – International Offshore and Polar Engineering
Referee of Research Projects for MIUR (Ministero dell’Istruzione, dell’Università e della Ricerca projects: “PRIN, Futuro e Ricerca and SIR”)
Referee of Research Projects for the University of Padua (Università degli Studi di Padova nominated by the “ Commissione Scientifica di Ateneo”)
Referee of Research Projects for the University of Basilicata (Università degli Studi della Basilicata)

Referee of PhD Thesis for the University of Calabria (Università degli Studi della Calabria)
Fondazione Cassa di Risparmio di Verona Vicenza Belluno e Ancona - Evaluation of projects relating to doctoral scholarships funded by the Foundation for the Natural Sciences and Engineering Area.

III/E - Awards and Honors obtained for Research Reviewer Activity of international journals

Paolo De Girolamo was appointed “2017 ASCE (American Society of Civil Engineers) Outstanding Reviewer”.

III/F – Academic Management Appointments

2016	2021	Sapienza University of Rome -DICEA	Scientific Director of the Hydraulic and Maritime Construction Laboratory designated by the Department Council (DICEA)
2005	2009	University of L’Aquila Faculty of Engineering – DISAT (Dipartimento di Ingegneria delle Strutture delle Acque e del Terreno)	Representative of the Faculty Board (elected)
2004	2008	University of L’Aquila Faculty of Engineering – DISAT (Dipartimento di Ingegneria delle Strutture delle Acque e del Terreno)	Representative of the Department Board (elected)
1999	2012	University of L’Aquila Faculty of Engineering – DISAT (Dipartimento di Ingegneria delle Strutture delle Acque e del Terreno)	Scientific Director of L’Aquila Hydraulics Laboratory (LIAM - Laboratorio di Idraulica Ambientale e Marittima) designated by the Department Council
2006	-----	University of Perugia	Member of the evaluation board for Associate Professors (elected)
2002	-----	University of Salerno	Member of the evaluation board for Associate Professors (elected)

III/G – Other Appointments

Year	Institution	Position
2015	Politecnico di Torino	Invited speaker – “The environmental conditioning of athletic performance: how to win an Olympiad”, March 11 th , 2015, Politecnico di Torino.
2015	University of Rome La Sapienza - Department of Structural and Geotechnical Engineering	Invited Speaker “Design of quays and breakwaters” – Second Level Master in Geotechnical Design, May 11 th , 18 th , 25 th , 2015.
2015	Gruppo Italiano di Idraulica (GII) - University of Trento	Invited speaker - PhD Days – July, 7 th , 2015. Trento
2015	AIOM –University of Genoa	Invited speaker - “Studi di Aggiornamento sull’Ingegneria Off-

		Shore e Marina AIOM” – Genova Oct. 16 th and 17 th , 2015.
2014	ENEL Green Power	Scientific Coordinator - Workshop on Hydroelectric Power Plants – Rome June 16 th , 20 th , 2014
2014	AIOM – University of Palermo	Invited Speaker - “Studi di Aggiornamento sull’Ingegneria Off-Shore e Marina AIOM” – Palermo November 7 th , 8 th , 2014
2014	Politecnico di Bari	Member of the “Comitato scientifico del XXXIV Convegno di Idraulica e Costruzioni Idrauliche”, 2014.
2014	Regione Abruzzo – Fondazione dell’Università degli Studi di L’Aquila	Scientific Coordinator – Updating Course: “Small Dams: design, construction and management criteria”, November/ December 2014 – University of L’Aquila
2012	University of Rome 3 – Italian Ministry of Foreign Affairs	Invited Lecturer to the “Training Project for the personnel of the Great Port of Al Faw (IRAQ)- Subproject 2 - Expert in Port Engineering”, June, 2012.
2012	Università degli Studi di Brescia	Convenor of the Maritime Session of the “XXXIII Convegno di Idraulica e Costruzioni Idrauliche”.
2011	Port and Airport Research Institute (PARI) - Japan	Invited speaker to the Seventh International Workshop on Coastal disaster Prevention – January 2011.
2011	AIPCN-PIANC – Consiglio Superiore dei Lavori Pubblici	Invited speaker – Workshop “Maremoti: Fenomenologia, Ingegneria – Prevenzione”, June, 15 th , 2011.
2010	Delft University of Technology – The Netherlands	Invited speaker to the Port Infrastructure Seminar, Delft, The Netherlands, June 22 nd , 2010.
2007	University of Rome La Sapienza	Invited speaker to the MASTER on Maritime Engineering and Coastal Protection, January, 2010.
2006	INGV – Istituto Nazionale di Geofisica e Vulcanologia	Invited Speaker – “Coordinamento Tecnico Scientifico delle Attività Italiane in materia di sistema di monitoraggio e di allerta maremoti”, Roma, March 7 th , 2006.
2006	Agenzia Protezione Ambiente e Territorio - APAT	Invited speaker to the X Conference on Environmental Agencies, March, 2006.
2006	Università degli Studi di Roma “La Sapienza”	Membro del Comitato scientifico del XXX Convegno di Idraulica e

		Costruzioni Idrauliche
2005	UNESCO-ICG-NEAMTWS Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North- eastern Atlantic, the Mediterranean and connected seas	Invited Speaker – 1 st Session of the ICG-NEAMTWS, November 21 th and 22 nd , 2005.
2005	APAT – Agenzia per la protezione dell’ambiente – Progetto Archimede	Invited Speaker on Tsunamis, November, 29 th , 2005, Rome.
2005	AIPCN Sezione Italiana	Invited Speaker on Tsunamis – Giornate Italiane di Ingegneria Costiera VIII Edizione, Civitavecchia, November 23 rd , Civitavecchia.
2003	University of Bologna	Invited Lecturer to the MASTER on Integrated Coastal Area Management III edition, Ravenna June 13 th , 2003.
2003	Servizio Nazionale Dighe – Ufficio Idraulica	Invited Speaker – Risk assessment downstream of the dams – Forecast of landslides generated tsunamis in artificial reservoirs. April, 2003.
2002	University of Bologna	Invited Lecturer to the MASTER on Integrated Coastal Area Management II edition, Ravenna September 5 th , 2002.
2001	ENEA – Centro Ricerche Ambiente Marino	Invited speaker “Coastal Risk”, Santa Teresa, July, 10 th , 2001.
2001	University of Bologna	Invited Lecturer to the MASTER on Integrated Coastal Area Management, Ravenna October 10 th , 2001.
1999	AIPCN-PIAN Consiglio Superiore del Lavori Pubblici	Invited Speaker – Seminar on port structures and on coastal defence, March, 1999.
1998	Università degli Studi di Camerino	Invited Lecturer – Fundamental of maritime hydraulics: waves propagation, Camerino, April 24 th , 1998.
1996	Presidenza del Consiglio dei Ministri	Invited speaker – Basic principles of waves and tides, November, 1966.
1966	ENEL – Centro di ricerca Idraulica e Strutturale ENEL – AIPCN - Milan Polytechnic	Invited Lecturer – Training course on coastal engineering – Milan May 6 th - 10 th , 1966.

Part IV – Teaching experience

IV/A - University courses (Degree and Diploma)

Year	Institution	Lecture/Course
2019/2021	University of Rome La Sapienza - DICEA	Course of <i>Coastal Engineering</i> – Master Degree in Environmental Engineering for Sustainable Development – Latina Pole <i>In English - 9 credits.</i>
2014/2021	University of Rome La Sapienza - DICEA	Course of <i>Maritime Constructions</i> – Master Degree in Transport Systems Engineering and Master Degree in Civil Engineering – <i>In English - 6 credits.</i>
2019/2021	University of Rome La Sapienza - DICEA	Course of <i>Coastal Engineering</i> - Master Degree Course in Engineering for The Environment and Territory –. <i>Starting in 2022 the course will be held in English - 6 credits.</i>
2013/2015	University of Rome La Sapienza - DICEA	Course of Coastal Protection – Master Degree in Civil Engineering.
2013/2014	University of Rome La Sapienza - DICEA	Course of Hydraulics Infrastructures and Hydrology Elements – Master Degree in Environmental Engineering for Sustainable Development – Latina Pole
2010/2013	University of Rome La Sapienza - DICEA	Course of Maritime Constructions – Master Degree in Transport Engineering.
2007/2008	University of Rome La Sapienza - DITS	Course of Maritime Constructions - Degree in Civil Engineering, Second level
2004/2012	University of L’Aquila - DISAT / DICEAA	Course of Port Engineering – Master Degree in Civil Engineering.l
2004/2012	University of L’Aquila – DISAT / DICEAA	Course of Maritime Constructions – Degree in Civil Engineering, First level
2002/2006	University of Rome La Sapienza - DITS	Course of Maritime Hydraulics – Degree in Maritime Hydraulics and Transport – Civitavecchia Pole.
2002/2003	University of L’Aquila	Course of Hydraulics Constructions - Degree in Civil Engineering, First level.
2002/2004	University of L’Aquila	Course of Hydraulics and Maritime Constructions and Hydrology – Degree in Civil Engineering, First level
1999/2002	University of L’Aquila - DISAT	Course of Hydraulics and Hydraulic Constructions - Diploma Course in Infrastructure Engineering.
1999/2002	University of L’Aquila - DISAT	Course of Hydraulics - Diploma Course in Mechanical Engineering.
1999/2004	University of L’Aquila - DISAT	Course of Hydraulic Protection of Territory - Degree in Civil Engineering
1996/1999	University of Rome La Sapienza -	Course of water resources management –

	DITS	Diploma Course in Environmental Resources - Latina Pole.
1996	University of Rome La Sapienza - DITS	Course of Hydraulics II - Degree in Civil Engineering
1992/1999	University of Rome La Sapienza - DITS	Course of exercises of Maritime Constructions - Degree in Civil Engineering

IV/B – Master Courses

2008	University of Rome La Sapienza - DITS	Coordinator and Lecturer - Second level Master in Maritime Engineering and Coastal Protection.
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Part V - Association memberships

Year	Title
1994/1999	Italian Representative of the IAHR (International Association of Hydraulics Research) Maritime Section
1993/2015	Member of the PIANC-AIPCN (World Association for Waterborne Transport Infrastructure)
1994/2015	Member of the “Gruppo Italiano di Idraulica – GII”
1996/2015	Member of AIOM (Associazione di Ingegneria Off-Shore e Marina).

Part VI - Funding Information [grants as PI-principal investigator]

VI/A - Responsibility as PI of research projects funded by calls of Public Italian and International Institutions (National or European P.I.). Respostabilità scientifica come PI (Nazionale o Internazionale) per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitive che prevedano la revision tra pari).

Year	Project Title	Project Program	Grant value
2017/2021	Development of an innovative "one-line" type numerical model for the study of the long-term morphological evolution of beaches subjected to stormy seas, defended and not defended by coastal defence works, and its application for the optimization of the management methods of the coast included between Capo d'Anzio and Circeo aimed at safeguarding the coast and the dune of the Circeo National Park.	Ministero dell'Ambiente e della Tutela del Territorio e del Mare (MATTM) Direzione Generale per la Salvaguardia del Territorio e delle Acque. Bando pubblico per il finanziamento di progetti di ricerca finalizzati alla previsione e alla prevenzione dei rischi geologici. ai sensi dell'art. 2 comma 2 della Legge 5 gennaio 2017 n. 4, GU n. 16 del 20 gennaio 2017.	342.000,00 Euro
2018/2020	Hydraulic model for the Ponte Liscione Dam on the Biferno River.	Molise Acque. Procedura aperta ex artt. 36 e 60 del D.Lgs. n. 50/2016.	153.750,00 Euro
2016	Tsunami waves generated by submerged landslides: analysis of experimental data and numerical modeling aimed at the implementation of an alarm system in real time.	Bando di Ateneo (Sapienza) Progetto di Ricerca Piccolo.	4.000,00 Euro
2007/2011	Development and verification of methods and hydraulic and geological models to support a tsunami early warning system. Implementation to the Stromboli (Eolian Islands) landslide.	MIUR PRIN 2007 - Coordinatore Scientifico Nazionale del Programma di Ricerca. Principal Investigator.	189.021,00 Euro
2004/2006	Landslides generated tsunamis: mechanical of the wave generation and propagation, development of forecast and early warning systems based on sea level measurements.	MIUR PRIN 2004 - Coordinatore Scientifico Nazionale del Programma di ricerca. Principal Investigator.	154.600,00 Euro
1997/2000	Rationale for Integrated Coastal Area Management (Ri.C.A.Ma).	L.I.F.E. financed by European Community - Principal Investigator (European Project Leader)	900.000,00 Euro
1996	Morphological changes of a beach cross-shore profile under the attack of different sequences of sea states.	HCM European Large Installation Program (L.I.P.) Program ERBCHGET 030031 - PI Hannover, Germany. Principal Investigator.	20.000,00 Euro

VI/B - Responsibility as PI of local research units of projects funded by calls of Public Italian Institutions. Respostabilità scientifica come PI di unità operative locali per progetti di ricerca nazionali, ammessi al finanziamento sulla base di bandi competitive che prevedano la revisione tra pari).

Year	Project Title	Program and role	Grant value
2001/2003	Development of a numerical model based on the extended Boussinesq equations for the study of waves induced hydrodynamics in shallow water.	MIUR PRIN 2006 - Responsabile Scientifico dell'Unità di ricerca dell'Università dell'Aquila - Principal Investigator.	30.592,00 Euro

VI/C - Responsibility as PI of research projects funded by Public Italian Institutions

Year	Project title	Public Institution and role	Grant value
2021	Development of detailed numerical simulations for the study of tsunami wave propagation in the city of Catania, preparatory to the definitive design of the underground station of Catania Centrale.	Italferr – Gruppo delle Ferrovie dello Stato. Principal Investigator	74.080,00 Euro
2015	Design of the desalinator for Ponza Island (LT) – Numerical hydrodynamic simulations – University of Rome La Sapienza.	Funded by Acqualatina S.p.a. Principal Investigator.	100.000,00 Euro
2006/2012	Design and construction of a new tank for 3D hydraulic physical model tests at LIAM laboratories L'Aquila.	Funded by - Abruzzo Region – Principal Investigator.	500.000,00 Euro
2009	Development of a real time overtopping early warning system for the Civitavecchia main Breakwater. University of L'Aquila - LIAM	Funded by Civitavecchia Port Authority – Principal Investigator.	150.000,00 Euro
2007	Physical model tests and numerical modeling of wave propagation in Ponza Harbour – Support to the Ponza Master Plan - University of L'Aquila - LIAM	Funded by Provveditorato alle OO.PP. Italia Centrale – Principal Investigator.	60.000,00 Euro
2003	Study of the wave field generated at Stromboli Island by December 2002 landslide and flood forecast scenarios. Numerical and physical model tests. University of L'Aquila - LIAM	Funded by - Presidenza del Consiglio dei Ministri - Dipartimento della Protezione Civile Nazionale – Principal Investigator.	160.000,00 Euro
2003	Physical model tests of wave overtopping of Civitavecchia main breakwater. University of L'Aquila - LIAM	Funded by Civitavecchia Port Authority - Principal Investigator.	90.000,00 Euro
2003/2007	Supporto Informativo per la Gestione delle zone costiere della Regione Abruzzo (S.I.Co.R.A.)- Informative support for the coastal area management of Abruzzo Region. University of L'Aquila - LIAM	Funded by Regione Abruzzo Project leader and Principal Investigator.	1.291.142,00 Euro

2002	Numerical and physical model tests for the study of the interaction between impulse waves generated by landslides and reservoirs structures. University of L'Aquila - LIAM	Funded by Presidenza del Consiglio dei Ministri – Servizi tecnici – Principal Investigator.	92.962,00 Euro
2001	Modeling of impulse waves generated by landslides in reservoirs. University of L'Aquila - LIAM	Funded by Presidenza del Consiglio dei Ministri – Servizi tecnici nazionali - Principal Investigator.	75.000,00 Euro

VI/D - Responsibility as PI of research projects funded by calls of Private Companies

Year	Project Title	Private Company and Role	Grant value
2012/2015	Grand Ethiopian Renaissance Dam – Hydroelectric project – Physical model tests of the gated spillway. University of L'Aquila - LIAM	Funded by Salini Costruttori S.p.a. – Principal Investigator.	150.000,00 Euro
2013	AL FAW GRAND PORT – Republic of Iraq – 2D Physical Model of the East Breakwater – optimization of the breakwater. University of L'Aquila - LIAM	Funded by Archirodon Construction (Overseas) Co. S.A. Principal Investigator.	30.000,00 Euro
2012	AL FAW GRAND PORT – Republic of Iraq – 2D Physical Model of the East Breakwater – Stability and overtopping - University of L'Aquila - LIAM	Funded by Technital S.r.l. – Principal Investigator.	87.000,00 Euro
2009	Physical model tests of wave influence on the cooling system outlet of Torrealvaldliga Sud Thermoelectric Power Plant. University of L'Aquila - LIAM	Funded by Compagnia Porto di Civitavecchia – Principal Investigator.	90.000,00 Euro
2007	Physical model tests to support the design of the requalification of Mazzè (Dora Baltea River) Hydroelectric Power Plant. (Low head run-of-the-river plant). University of L'Aquila - LIAM	Funded by IDROMAZZE' srl – Principal Investigator.	60.000,00 Euro

VI/E - Responsibility as PI of research projects directly funded by Private Companies

Year	Project Title	Private Company and Role	Grant value
2012	Physical model tests (wave forces on structures and maximum heights reached by the waves) of an exposed jetty.	CMC Ravenna. Principal Investigator.	45.000,00 Euro
2009	Physical model tests (stability and overtopping) of the Ortona North Accropode Breakwater. - LIAM	Sviluppo Ortona Porto Scarl - Principal Investigator.	149.500,00 Euro
2008	Physical mode tests (stability and overtopping) of the Ortona North Tetrapod Breakwater. - LIAM	Sviluppo Ortona Porto Scarl - Principal Investigator.	60.000,00 Euro
2007	Design of the hull for a wave buoy -	Envirtech. Principal	10.000, Euro

	numerical and physical model tests - LIAM	Investigator.	
2004	Research for the application of advanced numerical models for the inshore wave propagation - LIAM	A.P.A.T. - Agenzia per la Protezione dell'Ambiente e per i Servizi Tecnici – ROMA. Principal Investigator.	20.000,00 Euro
2003	Physical model tests of precast modules for coastal protection (Tecnoreef modules) - LIAM	Tecnotre – Principal Investigator.	5.000,00 Euro

Part VII - Funding Information [grants as I-investigator]***VII/A – Participation to research projects funded by European Community***

Year	Project Title	Funded by	Institution
2001/2003	DELOS, “Environmental Design of Low Crested Coastal Defence Structures”,	European Community	University of L’Aquila
1994/1995	MAST II program, contratto MAS2–CT92–0042, “Rubble Mound Breakwater Failure Modes”	European Community	University of Rome La Sapienza - DITS

VII/B – Participation to other research projects

Year	Project Title	Funded by	Institution
2015	Master Plan of minor ports of Lazio Region	Regione Lazio - Port Planning Expert	CTL - University of Rome “La Sapienza”
1999-2001	Analysis of the wave parameters recorded by the Italian Wave Network (Rete Ondametrica Nazionale – RON)	Presidenza del Consiglio dei Ministri, Servizio Mareografico	University of Rome La Sapienza - DITS
1999–2000	Definition of the freeboard for dams	Presidenza del Consiglio dei Ministri, Servizio Dighe	University of Rome La Sapienza - DITS
1997-1998	Upgrading of the Regional Ports Master Plan	Regione Lazio - Assessorato Opere e Reti di Servizi e Mobilità	University of Rome La Sapienza - DITS
1997	Research on wave action on piles	INSEAN	University of Rome La Sapienza - DITS
1996	Upgrading of the spectral model ARTURO for the wave evolution in shallow water.	ENEL–CRIS	University of Rome La Sapienza - DITS
1994	Implementation of the spectral model ARTURO for the wave evolution in shallow water.	ENEL–CRIS	University of Rome La Sapienza - DITS
1992	Theoretical analysis of a spectral numerical model for the wave evolution in shallow water	ENEL CRIS	University of Rome La Sapienza - DITS
1991	Theoretical analysis of a finite element numerical model for the resolution of the mild-slope equation.	ENEL CRIS	University of Rome La Sapienza - DITS
1991	Study on the wave penetration in a “Island port”	CETENA	University of Rome La Sapienza - DITS

Part VIII – Short description of the Research and Teaching Activities

Paolo De Girolamo carries out his research and teaching activities mainly in the field of maritime and coastal hydraulics which fall within the field of fluid mechanics.

His research involves both theoretical and applicative aspects. Research methods involve analytical, numerical, experimental approaches and field measurements. He also deals with issues related to the experimental optimization of large hydraulic projects in the field of coastal defense from flooding.

He devoted large efforts in developing laboratory facilities and performing experimental tests.

He has been the Scientific Director of LIAM (Laboratorio di Idraulica Ambientale e Marittima) of the University of L'Aquila, for thirteen years. He significantly developed the research activities of the Hydraulic Laboratory of L'Aquila, founded by Prof. Umberto Messina and directed in the past by Prof. Gianrenzo Remedia, expanding the field of maritime and coastal hydraulics. During the direction of LIAM, he coordinated the scientific issues, the design and the construction of new experimental facilities:

- a large wave flume (50,0 m long, 2,0 m deep and 1,5 m wide);
- a tank (11,0 m long, 6,0 m wide and 1,0 m deep) for the study of tsunami generated by landslides;
- a large tank for 3D hydraulic experiments (26,0 m long, 13,0 m wide and 1,0 m deep);
- teaching experimental facilities.

He has been:

- the Principal Investigator of eight international and national research projects, admitted for funding on the basis of competitive calls that provide for peer review (for a total of approximately 1.8 million euros in funding) of which two Italian PRIN projects financed by MIUR for which he played the role of National Coordinator;
- the Principal Investigator of ten research project funded by Public Italian Institution (for a total of about 2.6 million euros in funding);
- the Principal Investigator of five research projects funded by calls of Private Companies (for a total of about 0,4 million euros in funding);
- the Principal Investigator of six research projects directly funded by Private Companies (for a total of about 0,3 million euros in funding).

Just as an example, he played the role of National Principal Investigator of the largest experiment in the world carried out in the field of landslide generated tsunamis. The experiment, reproducing a conical island of about 10,0 m of diameter in a large water tank (50,0 m x 30,0 m x 3,0 m), was carried out in the LIC (Laboratorio di Ingegneria Costiera) of the Bari Polytechnic with the important support of the Bari research group coordinated by Prof. Antonio Petrillo. This research was founded by MIUR within a PRIN project.

Funding granted from the numerous model test studies have been always entirely reinvested to support the activities of young researchers and in acquisition of new experimental facilities.

Recently, he restarted the experimental activities of the DICEA Hydraulic and Maritime Construction Laboratory of "La Sapienza" University of Rome (DICEA) which had been stopped for many years. A new wave flume is under construction in the Lab. and the physical model of the surface and bottom spillway of the Ponteliscione Dam (Molise - Italy) has just been completed.

During his career, Paolo De Girolamo changed twice the Academic Institution affiliation (in 1999 and in 2013). After each transfer, he managed to create and establish a new research group with significant efforts.

The main research topics of Paolo De Girolamo are:

- forecast and propagation of wind waves on varying depth;
- bound long waves and harbor resonance;
- hydrodynamics and sediment transport in coastal regions;
- wave interaction with structures including overtopping and impacts;
- behavior of concrete used in marine structures;

- definition, measurements and analysis of wave parameters;
- port planning;
- integrated coastal area management;
- generation, propagation and interaction with the coast of tsunami generated by landslide in reservoirs and oceans;
- early warning systems of storm waves and tsunami;
- early warning systems of storm surges.

At the beginning of his career Paolo De Girolamo carried out research fellowships activities at the Delft Hydraulics Laboratory in the Netherlands and the Danish Hydraulic Institute in Denmark.

Paolo De Girolamo has been awarded the Italian National Scientific Qualification (ASN) since 2012 (confirmed in 2018).

The temporal continuity of Paolo De Girolamo's scientific production is easily deducible from the complete list of his publications reported below. In particular, it should be noted that since 1988, the year in which he published his first works, to date he has published scientific works every year with the sole exception of 2013, the year in which he moved from the University of L'Aquila to La Sapienza.

In the last 5 years he has published 24 papers in indexed international journals obtaining a total of about 190 citations.

The first scientific paper published in an indexed international congress dates back to 1988 and the first paper published in an indexed international journal is from 1992.

As regards the activity of reviewer on behalf of indexed journals, it is highlighted that Paolo De Girolamo was appointed “2017 ASCE (American Society of Civil Engineers) Outstanding Reviewer”.

Paolo De Girolamo has been teaching maritime and coastal hydraulics for more than 30 years in the course of Coastal Engineering and Maritime Construction. It should be remembered that until about 20 years ago maritime and coastal hydraulics was included only in the scientific disciplinary grouping H01C "Maritime Construction" and therefore was taught in the context of the Maritime Construction courses.

So still, Paolo De Girolamo, who became Associate Professor of the disciplinary group H01C in 1988 by winning the last National University Competition (announced by the Ministry of Research and Public Education), continues to teach, in the context of his courses, maritime and coastal hydraulics.

Furthermore, as reported above, in the past he taught basic hydraulics courses both at “La Sapienza” University of Rome and at the University of L'Aquila.

Paolo De Girolamo has written numerous unpublished didactic handouts, widely used in Italian universities and at La Sapienza, among which we mention "Fundamentals of Physical Oceanography and Maritime Hydraulics for Engineers".

As described above, Paolo De Girolamo has carried out university management activities and has participated in elective collegial bodies.

Keywords

Engineering, Hydraulics, Maritime, Coastal, Ports, Waves, Tsunamis, Dams, wave impacts.

Part IX – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	94	Scopus e IRIS	1988	2021
Papers [national]	60	-	1988	2014
Books [scientific]	3	-	2011	2016
Books [teaching]	-	-	-	-

Parameters of relevance and impact of scientific production: values derived from databases recognized for national scientific qualification (Scopus) - Parametri di rilevanza e impatto della produzione scientifica: valori derivati dai database riconosciuti per l'Abilitazione Scientifica Nazionale (Scopus).

1. Total Number of papers: 66;
2. H index: 16 (self citations **included**);
3. H index: 15 (self citations **excluded**);
4. Normalized H index*: $16/(2021-1988) = 16/33 = 0,48$;
5. Total number of citations: 883;
6. Average number of citations per publication: $883/66=13,38$;
7. Total impact factor calculated in relation to the year of publication: 81,87;
8. Average impact factor per publication calculated in relation to the year of publication: $81,87/66 = 1,24$.

*H index divided by the academic seniority.

Part X– List of selected Publications

#	Year	Papers	IF calculated with respect to the year of publication 2021=2020	Citations	Press/media release
				Scopus	
			39.495	595	
1	2020	Romano A., Lara J.L., Barajas G., Di Paolo B., Bellotti G., Di Risio M., Losada I.J., De Girolamo P (2020). Tsunamis Generated by Submerged Landslides: Numerical Analysis of the Near-Field Wave Characteristics, Journal of Geophysical Research: Oceans.	3.405	15	Digital and Hard copy
2	2018	Martinelli L., Ruol P., Volpato M., Favaretto C., Castellino M., De Girolamo P., Franco L., Romano A., Sammarco P. (2018). Experimental investigation on non-breaking wave forces and overtopping at the recurved parapets of vertical breakwaters, Coastal Engineering.	3.85	31	Digital and Hard copy
3	2018	Castellino M., Sammarco P., Romano A., Martinelli L., Ruol P., Franco L., De Girolamo P. (2018). Large impulsive forces on recurved parapets under non-breaking waves. A numerical study, Coastal Engineering.	3.85	33	Digital and Hard copy
4	2018	Celli D., Pasquali D., De Girolamo P., Di Risio M. (2018). Effects of submerged berms on the stability of conventional rubble mound breakwaters, Coastal Engineering.	3.85	16	Digital and Hard copy
5	2016	Romano A., Di Risio M., Bellotti G., Molfetta M.G., Damiani L., De Girolamo P. (2016). Tsunamis generated by landslides at the coast of conical islands: experimental benchmark dataset for mathematical model validation, Landslides.	3.657	30	Digital and Hard copy

6	2015	Pasquali D, Di Risio M, De Girolamo P (2015). A simplified real time method to forecast semi-enclosed basins storm surge. In. Estuarine, Coastal and Shelf Science, 165 (2015) 61-89.	2.335	22	Digital and Hard copy
7	2010	Di Risio M, Lisi I, Beltrami GM, De Girolamo P (2010). Physical modeling of the cross-shore short-term evolution of protected and unprotected beach nourishments RID A-2242-2009. OCEAN ENGINEERING, vol. 37, p. 777-789, ISSN: 0029-8018, doi: 10.1016/j.oceaneng.2010.02.008 2010	0.957	36	Digital and Hard copy
8	2009	Di Risio M, Bellotti G, Panizzo A, De Girolamo P (2009). Three-dimensional experiments on landslide generated waves at a sloping coast. COASTAL ENGINEERING, vol. 56, p. 659-671, ISSN: 0378-3839, doi: 10.1016/j.coastaleng.2009.01.009 2009	2.404	65	Digital and Hard copy
9	2009	Di Risio M, De Girolamo P, Bellotti G, Panizzo A, Aristodemo F, Molfetta MG, Petrillo AF (2009). Landslide-generated tsunamis runup at the coast of a conical island: New physical model experiments. JOURNAL OF GEOPHYSICAL RESEARCH. OCEANS, vol. 114, ISSN: 0148-0227, doi: 10.1029/2008JC004858 2009	3.082	59	Digital and Hard copy
10	2008	Bellotti G, Cecioni C, De Girolamo P (2008). Simulation of small-amplitude frequency-dispersive transient waves by means of the mild-slope equation. COASTAL ENGINEERING, vol. 55, p. 447-458, ISSN: 0378-3839, doi: 10.1016/j.coastaleng.2007.12.006 2008	1.844	22	Digital and Hard copy
11	2005	Panizzo A, De Girolamo P, Petaccia A (2005). Forecasting impulse waves generated by subaerial landslides. JOURNAL OF GEOPHYSICAL RESEARCH. SPACE PHYSICS, vol. 110, ISSN: 0148-0227, doi: 10.1029/2004JC002778 2005	3.43	111	Digital and Hard copy
12	2003	Bellotti G, Beltrami GM, De Girolamo P (2003). Internal generation of waves in 2D fully elliptic mild-slope equation FEM models. COASTAL ENGINEERING, vol. 49, p. 71-81, ISSN: 0378-3839, doi: 10.1016/S0378-3839(03)00047-4	1.181	24	Digital and Hard copy
13	2002	Panizzo A, Bellotti G, De Girolamo P (2002). Application of wavelet transform analysis to landslide generated waves. COASTAL ENGINEERING, vol. 44, p. 321-338, ISSN: 0378-3839, doi: 10.1016/S0378-3839(01)00040-0 2002	2.43	62	Digital and Hard copy
14	2001	Beltrami GM, Bellotti G, De Girolamo P, Sammarco P (2001). Treatment of wave breaking and total absorption in a mild-slope equation FEM model. JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE, vol. 127, p. 263-271, ISSN: 0733-950X, doi: 10.1061/(ASCE)0733-950X(2001)127:5(263)	0.79	25	Digital and Hard copy

15	1996	De Girolamo P (1996). An experiment on harbour resonance induced by incident regular waves and irregular short waves. COASTAL ENGINEERING, vol. 27, p. 47-66, ISSN: 0378-3839, doi: 10.1016/0378-3839(95)00039-9	2.43	44	Digital and Hard copy
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Part XI –Complete list of Publications

#	Year	Papers	IF calculated with respect to the year of publication 2021=2020	Citations Scopus
			81.87	883
1	2021	Ruffini G., Briganti R., De Girolamo P., Stolle J., Ghiassi B., Castellino M (2021). Numerical modelling of flow-debris interaction during extreme hydrodynamic events with dualsphysics-chrono, Applied Sciences (Switzerland)	2.679	2
2	2021	Castellino M., Moroni M., Cimorelli C., Di Risio M., De Girolamo P (2021). Riverbed protection downstream of an undersized stilling basin by means of antifer artificial blocks, Water (Switzerland)	3.103	0
3	2021	Dermentzoglou D., Castellino M., De Girolamo P., Partovi M., Schreppers G.-J., Antonini A (2021). Crownwall failure analysis through finite element method, Journal of Marine Science and Engineering.	2.458	2
4	2021	Castellino M., Romano A., Lara J.L., Losada I.J., De Girolamo P (2021). Confined-crest impact: Forces dimensional analysis and extension of the Goda's formulae to recurved parapets, Coastal Engineering.	4.83	2
5	2020	Romano A., Lara J.L., Barajas G., Di Paolo B., Bellotti G., Di Risio M., Losada I.J., de Girolamo P (2020). Landslide-generated tsunamis: A numerical analysis of the near-field, Proceedings of the Coastal Engineering Conference.		0

6	2020	Romano A., Lara J.L., Barajas G., Di Paolo B., Bellotti G., Di Risio M., Losada I.J., De Girolamo P (2020). Tsunamis Generated by Submerged Landslides: Numerical Analysis of the Near-Field Wave Characteristics, Journal of Geophysical Research: Oceans.	3.405	15
7	2020	Scipione F., Risio M.D., Castellino M., Pasquali D., de Girolamo P (2020). Wave induced hydrodynamics field around a long submerged groin: the case study of the Latina (Italy) nuclear power plant cooling system intake, Italian Journal of Engineering Geology and Environment.		0
8	2019	De Girolamo P., Crespi M., Romano A., Mazzoni A., Di Risio M., Pasquali D., Bellotti G., Castellino M., Sammarco P (2019). Estimation of wave characteristics based on global navigation satellite system data installed on board sailboats, Sensors (Switzerland).	3.275	1
9	2019	De Girolamo P., Crespi M., Romano A., Mazzoni A., Risio M.D., Pasquali D., Bellotti G., Castellino M., Sammarco P (2019). Wave characteristics estimation by GPS receivers installed on a sailboat travelling off-shore, IEEE International Workshop on Metrology for the Sea.		1
10	2019	De Girolamo P., Castellino M., Romano A. (2019). Improvement in workability of terminals placed along the inner side of port vertical breakwaters by means of recurved parapet walls, WIT Transactions on the Built Environment.		2
11	2019	Cecioni C., Romano A., Bellotti G., De Girolamo P. (2019). 3D numerical simulation of hydro-acoustic waves registered during the 2012 negros-cebu earthquake, Geosciences (Switzerland).		0

12	2018	Martinelli L., Ruol P., Volpato M., Favaretto C., Castellino M., De Girolamo P., Franco L., Romano A., Sammarco P. (2018). Experimental investigation on non-breaking wave forces and overtopping at the recurved parapets of vertical breakwaters, Coastal Engineering.	3.85	31
13	2018	Cecioni C., Romano A., Bellotti G., De Girolamo P. (2018). Hydroacoustic waves measured during the 2012 Negros-Cebu earthquake, Journal of Waterway, Port, Coastal and Ocean Engineering.	1.625	2
14	2018	Castellino M., Sammarco P., Romano A., Martinelli L., Ruol P., Franco L., De Girolamo P. (2018). Large impulsive forces on recurved parapets under non-breaking waves. A numerical study, Coastal Engineering.	3.85	33
15	2018	Celli D., Pasquali D., De Girolamo P., Di Risio M. (2018). Effects of submerged berms on the stability of conventional rubble mound breakwaters, Coastal Engineering.	3.85	16
16	2018	Castellino M., Lara J.L., Romano A., Losada I.J., de Girolamo P. (2018). Wave loading for recurved parapet walls in non-breaking wave conditions: Analysis of the induced impulsive forces, Proceedings of the Coastal Engineering Conference.		3
17	2018	Briganti R., Musumeci R.E., van der Meer J., Romano A., Stancanelli L.M., Kudella M., Akbar R., Mukhdiar R., Altomare C., Suzuki T., de Girolamo P., Mancini G., Besio G., Dodd N., Schimmels S. (2018). Large scale tests on foreshore evolution during storm sequences and the performance of a nearly vertical structure, Proceedings of the Coastal Engineering Conference		2

18	2017	Di Risio M., Pasquali D., Lisi I., Romano A., Gabellini M., De Girolamo P. (2017). An analytical model for preliminary assessment of dredging-induced sediment plume of far-field evolution for spatial non homogeneous and time varying resuspension sources, Coastal Engineering.	2.674	9
19	2017	Orlando L., Contini P., De Girolamo P. (2017). Seismic scattering attribute for sedimentary classification of nearshore marine quarries for a major beach nourishment project: Case study of Adriatic coastline, Regione Abruzzo (Italy), Journal of Applied Geophysics.	1.646	3
20	2017	Besio G., Briganti R., Romano A., Mentaschi L., De Girolamo P. (2017). Time clustering of wave storms in the Mediterranean Sea, Natural Hazards and Earth System Sciences.	2.281	10
21	2017	De Girolamo P., Di Risio M., Beltrami G.M., Bellotti G., Pasquali D. (2017). The use of wave forecasts for maritime activities safety assessment, Applied Ocean Research.	1.95	20
22	2016	Romano A., Di Risio M., Bellotti G., Molfetta M.G., Damiani L., De Girolamo P. (2016). Tsunamis generated by landslides at the coast of conical islands: experimental benchmark dataset for mathematical model validation, Landslides.	3.657	30
23	2016	Romano A., Di Risio M., Molfetta M.G., Bellotti G., Pasquali D., Sammarco P., Damiani L., De Girolamo P. (2016). 3D physical modeling of tsunamis generated by submerged landslides at a conical island: The role of initial acceleration, Proceedings of the Coastal Engineering Conference.		7

24	2016	De Girolamo P., Romano A., Bellotti G., Pezzoli A., Castellino M., Crespi M., Mazzoni A., Di Risio M., Pasquali D., Franco L., Sammarco P. (2016). Met-ocean and heeling analysis during the violent 21/22 october 2014 storm faced by the sailboat ECO40 in the gulf of lion: Comparison between measured and numerical wind data, Communications in Computer and Information Science.		2
25	2015	Lisi I., Di Risio, M., De Girolamo, P. and Gabellini, M. (2015).Engineering tools to the estimation and environmental management of sediments re-suspension induced by dredging, Coastal and Marine Environment, Maged Marghany (Ed.), ISBN: ISBN 978-953-51-4620-9, InTech		
26	2015	De Girolamo P, Romano A, Bellotti G, Pezzoli A, Boscolo A, Crespi M, Mazzoni A, Di Risio M, Pasquali D, Franco L, Sammarco P (2015). Analysis of the 21/22 October 2014 storm experienced by the sailboat ECO40 in the Gulf of Lion. In: Proceeding 3rd Int. Congress on Sport Sciences Research and Technology Support, 15-17 November 2015, Lisbon, Portugal.		3
27	2015	Pasquali D, Di Risio M, De Girolamo P (2015). A simplified real time method to forecast semi-enclosed basins storm surge. In. Estuarine, Coastal and Shelf Science, 165 (2015) 61-89.	2.335	22
28	2014	De Girolamo P, Di Risio M, Romano A, Molfetta M G (2014). Landslide tsunamis: physical modeling for the implementation of tsunami early warning systems in the Mediterranean Sea. In: Procedia Engineering 70 (2014) 429-438	=	16
29	2014	De Girolamo P, Pasquali D, Di Risio M, Pellegrini G, Passacantando G (2014). Experimental optimization of the new Al Faw Port rubble mound breakwater. In: Atti del XXXIV Convegno Nazionale di Idraulica e Costruzioni Idrauliche, Bari 8-10 settembre 2014. ISBN:978-88-904561-8-3		
30	2014	De Girolamo P., Pasquali D., Di Risio M. (2014). Approccio dinamico per la previsione degli eventi di Storm Surge in Adriatico. 2° Convegno Nazionale Porti e Navigazione: Le sfide dello spazio unico europeo dei trasporti. Tecnologie, Infrastrutture, Co-modalità, Sostenibilità, Roma, 3 ottobre, 2014. ISBN : 978-88-548-7563-0		

31	2014	De Girolamo P., Pasquali D., Di Risio M., Pellegrini G., Passacantando G. (2014). Ottimizzazione sperimentale della diga frangiflutti del porto di Al Faw. 2° Convegno Nazionale Porti e Navigazione: Le sfide dello spazio unico europeo dei trasporti. Tecnologie, Infrastrutture, Co-modalità, Sostenibilità, Roma, 3 ottobre, 2014. ISBN : 978-88-548-7563-0		
32	2014	De Girolamo P., Romano A., Bellotti G., Pezzoli A., Boscolo, A. Crespi M., Mazzoni A., Di Risio M., Pasquali D., Franco L., Sammarco P. (2014). Analisi della burrasca del 21/22 ottobre 2014 incontrata dall' imbarcazione a vela eco 40 nel golfo del leone. Giornate di Studio AIOM - La modellistica a supporto dell'Ingegneria marittima. Palermo, 7-8 novembre 2014		
33	2014	Dentale F, Donnarumma G., De Girolamo P, Bellotti G, Di Risio M (2014). Physical and numerical tests on the stability of concrete block to protection of the mound berm at caissons toe. In: Atti del XXXIV Convegno Nazionale di Idraulica e Costruzioni Idrauliche, Bari 8-10 settembre 2014. ISBN:978-88-904561-8-3		
34	2014	Di Risio M, De Girolamo P, Orlando L, Contini P (2014). Nearshore sand mining for beach nourishment: the case study of the 2010 Abruzzo project (Italy) In: Atti del XXXIV Convegno Nazionale di Idraulica e Costruzioni Idrauliche, Bari 8-10 settembre 2014. ISBN:978-88-904561-8-3		
35	2014	Pasquali D, De Girolamo P, Passacantando G, Pellegrini G, Asaad A Rashid, Di Risio M (2014). Experimental parametric study of the new Al Faw Port rubble Mound Breakwater. In: Proceeding of the 5th Conference on the application of physical modelling to port and coastal protection. 29 Spt. – 2 Oct. 2014, Varna, Bulgaria. ISBN: 978-619-90271-1-0		
36	2014	Pasquali D, Di Risio M, De Girolamo P (2014). A simplified dynamical approach for storm surge prediction in the Adriatic Sea. In: Atti del XXXIV Convegno Nazionale di Idraulica e Costruzioni Idrauliche, Bari 8-10 settembre 2014. ISBN:978-88-904561-8-3		
37	2012	De Girolamo P, Di Risio M, Beltrami G M, Bellotti G (2012). Sistema Esperto per la gestione di banchine portuali soggette a tracimazione del moto ondoso: applicazione al Terminale Crociere del Porto di Civitavecchia . In: Atti del I Convegno Nazionale Porti e Navigazione: Sostenibilità e sicurezza del trasporto marittimo. Roma, 23 maggio 2012 2011 ISBN 978-888665899-7		

38	2012	De Girolamo P, Di Risio M, Beltrami G M, Bellotti G (2012). Sistemi esperti per la previsione probabilistica del moto ondoso ai fini dell' operatività marittima. In: Atti del XXXIII Convegno Nazionale di Idraulica e Costruzioni Idrauliche. Brescia, 10-15 settembre 2012 CD-ROM: ISBN: 978-88-97181-18-7		
39	2012	Noli A, Camusi F, Capozzi F, Contini P, De Girolamo P, Del Bianco M, Franco L, Lupi F, Marini M, Milana G, Mondini F, Saltari D, Sammarco P, Sanzone A, Tartaglini M, Togna A (2012). NEW DESIGNS OF YACHT HARBOURS IN ITALY . In: Proc. 8 INTERNATIONAL CONFERENCE ON COASTAL AND PORT ENGINEERING IN DEVELOPING COUNTRIES . IIT Madras, Chennai, India, 20-24 Feb. 2012 2012		
40	2011	Barile C, Borgia E, Noli A, De Girolamo P, Marinacci C (2011). Civitavecchia-Pescara-Ortona freight traffic corridor: Methodological approach and preliminary considerations. INGEGNERIA FERROVIARIA, ISSN: 0020-0956 2011		
41	2011	BELTRAMI G.M, DI RISIO M, DE GIROLAMO P (2011). Algorithms for Automatic, Real-Time Tsunami Detection in Sea Level Measurements. In: NILS-AXEL MORNER ED. The Tsunami Threat -Research and Technology. ISBN: 978-953-307-552-5		
42	2011	Cecioni C, Romano A, Bellotti G, Risio M, De Girolamo P (2011). Real-time inversion of tsunamis generated by landslides. NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol. 11, p. 2511-2520, ISSN: 1561-8633, doi: 10.5194/nhess-11-2511-2011 2011	1.983	12
43	2011	DE GIROLAMO P, DE BERNARDINIS B, BELTRAMI G.M, DI RISIO M, BELLOTTI G, CAPONE T (2011). The Italian activities on tsunami risk mitigation: the operating landslide tsunami early warning system of Stromboli (Aeolian Islands, Italy). In: Proceedings of the 7th International Workshop on Coastal Disaster Prevention. Tokio, January 26-27, 2011 2011		
44	2011	De Girolamo P, Noli A, Vanni C, Del Corona A, Tartaglini M (2011). The Historical Development of the Port of Livorno (Italy) and Its New Port Plan 2010 in Advanced Stage of Elaboration. JOURNAL OF SHIPPING AND OCEAN ENGINEERING, vol. 1, p. 77-100, ISSN: 2159-5879		

45	2011	DI RISIO M, DE GIROLAMO P, BELTRAMI G.M (2011). Forecasting Landslide Generated Tsunamis: a Review. In: NILS-AXEL MORNER ED.. The Tsunami Threat -Research and Technology. ISBN: 978-953-307-552-5 2011		
46	2011	Franco L, Cecioni C, Bellotti G, Di Risio M, De Girolamo P, Sammarco P (2011). Full frequency dispersive numerical modeling of tsunamis. In: Proc. 21st International Offshore and Polar Engineering Conference, ISOPE-2011. ISBN: 1880653966 2011		
47	2010	DE GIROLAMO P, BELTRAMI G M (2010). OPERATIVITÀ DI TERMINALI PER RINFUSE SOLIDE: IL CASO DEL 'TRANSHIPMENT' DI CARBONE. In: Atti del XXXII Convegno di Idraulica e Costruzioni Idrauliche. Palermo, 14 Settembre 2010, ISBN: 9788890389528 2009		
48	2010	Di Risio M, Lisi I, Beltrami GM, De Girolamo P (2010). Physical modeling of the cross-shore short-term evolution of protected and unprotected beach nourishments RID A-2242-2009. OCEAN ENGINEERING, vol. 37, p. 777-789, ISSN: 0029-8018, doi: 10.1016/j.oceaneng.2010.02.008 2010	0.957	36
49	2010	MOLFETTA M, DI RISIO M, BELLOTTI G, ROMANO A, PRATOLA L, DE GIROLAMO P, DAMIANI L (2010). Tsunamis generated by landslides along the coast of a conical island: a new set of three-dimensional experiments. In: Coastlab10. 2010		
50	2009	Bellotti G, Di Risio M, De Girolamo P (2009). Feasibility of Tsunami Early Warning Systems for small volcanic islands RID A-2242-2009. NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol. 9, p. 1911-1919, ISSN: 1561-8633 2008	1.357	25
51	2009	Di Risio M, Bellotti G, Panizzo A, De Girolamo P (2009). Three-dimensional experiments on landslide generated waves at a sloping coast. COASTAL ENGINEERING, vol. 56, p. 659-671, ISSN: 0378-3839, doi: 10.1016/j.coastaleng.2009.01.009 2009	2.404	65
52	2009	Di Risio M, De Girolamo P, Bellotti G, Panizzo A, Aristodemo F, Molfetta MG, Petrillo AF (2009). Landslide-generated tsunamis runup at the coast of a conical island: New physical model experiments. JOURNAL OF GEOPHYSICAL RESEARCH. OCEANS, vol. 114, ISSN: 0148-0227, doi: 10.1029/2008JC004858 2009	3.082	59

53	2008	Bellotti G, Cecioni C, De Girolamo P (2008). Simulation of small-amplitude frequency-dispersive transient waves by means of the mild-slope equation. COASTAL ENGINEERING, vol. 55, p. 447-458, ISSN: 0378-3839, doi: 10.1016/j.coastaleng.2007.12.006 2008	1.844	22
54	2008	CECIONI C, BELLOTTI G, DE GIROLAMO P, FRANCO L (2008). Full frequency dispersive numerical modelling of tsunamis. Large scale application to the south Tyrrhenian sea. In: Proc. 31st International conference on Coastal Engineering, Hamburg. Amburgo, Germania, 31 Agosto - 5 Settembre 2008, ISBN: 978-981-4277-36-5, doi: 10.1142/9789814277426_0111		
55	2008	DE GIROLAMO P, CECIONI C, MONTAGNA F, BELLOTTI G, DI RISIO M (2008). Numerical modelling of landslide generated tsunamis around a conical island. In: Proc. 31st International conference on Coastal Engineering, Hamburg. Amburgo, Germania, 31 Agosto - 5 Settembre 2008, ISBN: 978-981-4277-36-5, doi: 10.1142/9789814277426_0107		2
56	2008	DI RISIO M, BELLOTTI G, MOLFETTA M, ARISTODEMO F, PANIZZO A, DE GIROLAMO P, PRATOLA L, PETRILLO A.F (2008). Landslide generated tsunamis at the coast of a conical island: new three-dimensional experiments. In: Coastlab08. ISBN: 88-6093-046-4 2008		
57	2008	DI RISIO M, BELLOTTI G, PANIZZO A, MOLFETTA M G, ARISTODEMO F, PRATOLA L, DE GIROLAMO P, PETRILLO A F (2008). Tsunamis generated by landslide along the coast of a conical island: new threedimensional experiments. In: 31st International conference on Coastal Engineering. Amburgo, Germania, 31 Agosto - 5 Settembre 2008, ISBN: 978-981-4277-36-5, doi: 10.1142/9789814277426_0116		1
58	2008	DI RISIO, M., BELLOTTI G, ARISTODEMO F, MOLFETTA M, PANIZZO A, DE GIROLAMO P, PETRILLO A F, PRATOLA L (2008). Indagine sperimentale su onde di maremoto generate da frane lungo le pendici di un'isola conica. In: XXXI Convegno di Idraulica e Costruzioni Idrauliche IDRA 2008. Perugia, 9-12 settembre 2008, ISBN: 9788860742209		
59	2008	IEVOLELLA G, IEVOLELLA M, CAPOLEI P, DE GIROLAMO P, FRANCO L, MAZZOLA O, NOLI A (2008). Design, construction and monitoring of a new cruise terminal at the porto of Civitavecchia (Rome). In: Proc.COPEDEC VII Conference Dubai, Feb. 2008, paper I-01. Dubai, UAE 2008		

60	2008	LISI I, DI RISIO M, DE GIROLAMO P, BELTRAMI G M (2008). Experimental modeling of sand beach nourishment cross-shore evolution. In: Proc. Coastlab 2008. Bari, 2-5 Luglio 2008, ISBN: 88-6093-046-4 2008		
61	2008	MOLFETTA, M., PETRILLO A F, DE GIROLAMO P, PRATOLA L, DI RISIO M, BELLOTTI G, ARISTODEMO F, PANIZZO A (2008). Three-dimensional large scale experiments on tsunamis generated by landslide along the coast of a conical island. In: Proc. 2nd International Tsunami Field Symposium. Puglia-Ionian Island, 21-28 September 2008		
62	2008	MONTAGNA F, DI RISIO M, BELLOTTI G, DE GIROLAMO P, FRANCO F (2008). Simulazione numerica tridimensionale di onde di maremoto generate da una frana. In: Atti del XXXI Convegno di Idraulica e Costruzioni Idrauliche IDRA2008, Perugia. ISBN: 978-88-6074-220-9 2008		
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