

Curriculum Vitae

INFORMAZIONI PERSONALI

Nome DONATELLA
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FORMAZIONE TITOLI

EDUCATIONAL QUALIFICATIONS

- Philosophy Doctorate (Ph.D.) in Hydraulic Engineering, defense at Polytechnic of Milan (Italy) (consortium University of Naples "Federico II" (Italy), University of Palermo (Italy))
- Degree in Civil Hydraulic Engineering, Faculty of Engineering, University of Palermo

CONTINUING EDUCATION

- "Grandwater quality management": Model Calibration and Simpling Criteria" – Dipartimento di Meccanica dei Fluidi ed Ingegneria Offshore – Facoltà di Ingegneria – University of Reggio Calabria – 12 –13 June 1997.
- "Network models" - SUMMER SCHOOL ON ENVIRONMENTAL DYNAMICS – Istituto Veneto di Scienze, Lettere ed Arti – Campo Santo Stefano – Venezia (Italy); 17-27 June 1997.
- "Evolution and self organization" - SUMMER SCHOOL ON ENVIRONMENTAL DYNAMICS – Istituto Veneto di Scienze, Lettere ed Arti – Campo Santo Stefano – Venezia (Italy); 16-26 June 1998.

ATTIVITA' DIDATTICA

TEACHING ACTIVITY:

I) Didactic activity at University of Palermo:

-From a.a. 2018-2019 today:

- Course of "Hydraulics with laboratory" (9 cfu) for "Specialistic degree (5 years) in Costruction Engineering and Architecture";

-aa.yy. 2016-2017, 2017-2018:

- Course of "Hydraulics with laboratory" (9 cfu) for "Specialistic degree (5 years) in Costruction Engineering and Architecture";

and Territory":
- Course of "Laboratory of Fluvial Morphodynamics" (3 cfu) for "Specialistic degree in Engineering for Environment

- Laboratory degree in "Prevision of Hydrologic risk and interaction with anthropic interventions" for Specialistic degree in Costruction Engineering and Architecture

-aa.yy. 2013-2014, 2014-2015, 2015-2016:

- Course of "Hydraulics" (6 cfu) for Specialistic degree (5 years) in Costruction Engineering and Architecture;

- Laboratory of Fluvial Morphodynamics(3 cfu) for Specialistic degree in Engineering for Environment and Territory;

- Laboratory degree in "Prevision of Hydrologic risk and interaction with anthropic interventions" for Specialistic degree in Costruction Engineering and Architecture

-aa.yy. 2007-2008 2008-2009; 2009-2010; 2010-2011; 2011-2012;2012-2013):

- Modulus of "Hydraulics" (6 cfu) in c.i. of Hydraulics and Hydraulic Constructions for Specialistic degree in Costruction Engineering and Architecture and for degree in Costruction Engineering.

- Course of " Fluvial Hydraulics " (6 cfu) for Specialistic degree in Civil Engineering and for Magister degree in Engineering for Environment and in Engineering for Soil Protection.

-a.y. 2006-2007:

- Modulus of "Hydraulics" (6 cfu) in c.i. of Hydraulics and Hydraulic Constructions for Specialistic degree in Costruction Engineering and Architecture and for degree in Costruction Engineering

-Course of "Numerical Fluvial Hydraulics" (6 cfu) for Specialistic degree in Civil Engineering.

-Course of " Fluvial Hydraulics" (6 cfu) for degree in Engineering for Environment and in Engineering for Soil Protection

-a.y. 2005-2006:

- Modulus of "Hydraulics" (6 cfu) in c.i. of Hydraulics and Hydraulic Constructions for degree in Costruction Engineering N.O.

- Course of "Fluvial Hydraulics" (6 CFU) for degree in Engineering for Environment and in Engineering for Soil Protection

-a.y. 2004-2005:

-Modulo di "Hydraulics" (6 CFU) del c.i. of Hydraulics and Hydraulic Constructions for degree in Costruction Engineering N.O.

- Course of " Fluvial Hydraulics " (6 CFU) for degree in Engineering for Environment and Territory.

- Recovery Course of "Fluid Mechanics" for degree in Mechanical Engineering.

-a.y. 2003-2004 (alternate professor):

- Course of "Hydraulics" " (6 CFU) for degree in Costruction Engineering N.O.

- Course of "Elements of Fluvial Hydraulics" (3 CFU) for degree in Engineering for Environment and Territory.

-aa.yy. 2001-2002; 2002-2003 (alternate professor):

- Course of "Fluid Mechanics" (6 CFU) " for degree in Mechanical Engineering N.O.

- Course of "Hydraulics" " (6 CFU) for degree in Costruction Engineering N.O. (and also for course of "Fluid Mechanics" for a.y. 2002-2003)

- Course of " Elements of Fluvial Hydraulics" (3 CFU) for degree in Engineering for Environment and Territory.

-aa.yy. 1999-2000; 2000-2001 (contractor professor):

- Course of " Fluid Mechanics" for degree in Mechanical Engineering D.U.

From 1996 to 2002 help the course of exercises and member of examination commissions of the following courses: - Acquedotti e fognature (Prof. M. R. Mazzola a.y. 1996-1997; Prof. G. La Loggia aa.yy. 1997-1998, 1998-1999; 2000-2001); Hydraulics (Prof. Bonvissuto aa.yy. 1996-1997; 1997-1998; 1998-1999; 1999-2000).

II) Other didactic activity (for Master, Specialization school) at Universities:

- Modulus of "Hydraulic Constructions" - *Master in "Gestione dei rischi e gestione delle emergenze"* – Faculty of Engineering – University of Palermo (year 2005).
- Course "Utilizzazione di un modello di propagazione di eventi di piena agli elementi finiti: Propagazione dell'onda di piena nel bacino del torrente Bragni" – Specialization School post-degree in Engineering for Environment – University of Reggio Calabria - June 1999

III) Didactic activity at other bodies

- Modulus of "Gestione acque: sorgenti e fognature" (16 hours) – proyecy n. 1955/E2/N/R– "Ecogestioni p.s.c.r.l." – Iniziativa Comunitaria "Occupazione" settore "NOW" (agosto 1998-dicembre 2000).
- Modulus "Ecologia applicata" (50 hours) –FSE cod. 1999/IT.16.1PO.011/106/7.2.4/020 pic. Soc. coop. A r.l. A.I.S. – approvato Ass. del Lavoro della Previdenza Sociale, della Formazione Professionale e dell'Emigrazione Dipartimento Formazione Professionale DDG n. 139/F.P. del 4/7/2002 –for "Tecnico for il monitoraggio delle acque fluviali", gestito dalla Picc. Soc. Coop. ar.l. Ambiente Igiene e Sicurezza (novembre 2002 – marzo 2003)
- Seminar (n. 5 ore) for "Tecnico esperto nella gestione dei servizi idrici", project HYDROMED (september – october 2003).

RICERCHE FINANZIATE

Research projects:

Responsible of:

- PRIN 2017. Responsabile unità di ricerca (Università di Palermo) della ricerca dal titolo: "*IntEractions between hydrodyNamics flows and bioTic communities in fluvial Ecosystems: advancement in dischaRge monitoring and understanding of Processes Relevant for ecosystem sustalnability by the development of novel technologieS with fIeld observatioNs and laboratory testinG (ENTERPRISING)*" (Responsabile Nazionale: Tommaso Moramarco).
- FFR - Fondo Finalizzato alla Ricerca di Ateneo – Università di Palermo -triennio 2018-2021
- CORI 2017 collaboration with *Queen's University - Kingston - Ontario – Canada*
- "Realizzazione di un modello fisico di laboratorio in scala delle opere di mitigazione del fenomeno franoso di Giampileri (ME)"- funded by Sicilian Region - 2011-2015
- FFR "Ruolo della vegetazione nella valutazione delle variazioni morfologiche di un alveo naturale"- 2012-2013
- "Analisi della resistenza al moto e delle caratteristiche di turbolenza della corrente in canali vegetati" - PRIN 2008.
- Research project: Analysis of the relation between flow turbulence and bed deformation in natural channels – ex-MURST 60%
- Research project: Evolution of turbulent structures in mobile bed channels– ex-MURST 60%
- Research project: CORI 2007 collaboration with Department of Porthmount (UK)– University of Palermo

Participation to:

- Research project: Errors in pipe networks simulation results due to many approssimations in mathematical - ex-MURST 60%
- Research project: Analysis of erosive processes due to river obstruction - ex-MURST 60%
- Research project: Application of genetic algorithms for optimization problems in pipe systems - ex-MURST 60%
- Research project: Innovative methodologies for planning and protection of pipe systems: hydraulics, mechanical and water quality aspects - MURST 40%
- Research project: Morphology of natural channels, hydrological answer and hydraulic risk of transport infrastructures - CNR-GNDCI
- Research project: Forecasting models of morphodynamic in vallive fluvial rivers - MURST 40%
- Research project: Simulation of morphological evolution of fluvial meanders – ex-MURST 60%
- Research project: Velocity distribution in vegetated channels - ex-MURST 60%
- Research project: Study of basic mechanisms of rivers biforcation – ex-MURST 60%
- Research project: Monitoring models and calibrations of pipe networks– ex-MURST 60%
- Research project: Analysis of flow kinematic characterisitcs and evaluation of resistance coefficient in natural rivers– ex-MURST 60%
- Research project: Definition of a numerical model to estimate the hydraulic and water quality parameters in pipe networks – ex-MURST 60%
- Research project: Influence of turbulence and of vorticity in river bodies and effects in designing – MURST 40%

Research contracts

- "*Monitoring and verification of little lakes in the hill in the bacin of Belice river*" - Dipartimento E.I.T.A. - Facoltà di Agraria – (University of Palermo) - 1991;
- "*Bacin plane of Belice river*" - Istituto di Idraulica - Facoltà di Ingegneria - University of Palermo –1991;
- "*Monitoring of Posidonia boundaries in Carini's bay*" - Istituto di Idraulica - Facoltà di Ingegneria - University of Palermo – 1996;
- "Definition of a digital model of deep sea in *Mondello's and di Carini's bays on the basis of data by satellite and by air*" - Istituto di Idraulica - Facoltà di Ingegneria - University of Palermo – 1997;
- "*Set up of instruments to conduct experimental runs in mobile-bed laboratory channel*" - Dipartimento di Ingegneria Ambientale (DIAM) - Facoltà di Ingegneria -University of Genova – 1999;

Research agreements

- - Scientific Chief of agreement between DICAM and Genio Civile di Messina for "Realizzazione di un modello fisico di laboratorio in scala delle opere di mitigazione del fenomeno franoso di Giampileri (ME)."
- Collaborator in the ambit of agreement between Dipartimento di Ingegneria Idraulica and l'Ufficio Idrografico Regionale: modellazione numerica della propagazione di un potenziale evento di piena nei bacini di 5 fiumi Siciliani: il Torto, l'Oreto, il Platani, l'Imera a Capodarso e l'Imera nella piana di Licata.

INCARICHI / CONSULENZE

Contracts and consultings:

- - "Raccolta ed analisi di dati storici di piovosità nella regione Sicilia, con particolare riguardo all'analisi del deflusso delle acque superficiali nei diversi elementi di un tracciato stradale, finalizzato alla determinazione dell'influenza delle precipitazioni atmosferiche sulla mobilità viaria urbana ed extraurbana; In.Tr.Am. Ingegneria Trasporti Ambiente; Palermo, 2006.
- *Consultant as c.t.u. in the Environment sector for Courts of : Palermo, Agrigento, Enna e Nicosia.*

ASSOCIAZIONI SCIENTIFICHE

MEMBERSHIPS:

- Member EUROMECH (European Mechanics Society)
- Member IAHR (International Association of Hydraulic Engineering and Research)
- Member CIRF (Centro Italiano per la Riqualificazione Fluviale)
- Member iEMSS (International Environmental Modelling and Software)
- Member IAHS (International Association of Hydrological Sciences)
- Member of Alumni DAAD (*Deutcher Akademischer Austausch Dienst*)
- MEMBER SII (Società Idrologica Italiana)
- Co-funder DAAD (*Deutcher Akademischer Austausch Dienst*) Italia

PUBBLICAZIONE

LIST OF PUBLICATIONS:

Didactic publications:

1. "*Rete idrica interna degli edifici*", di cui sono stati adempiuti gli obblighi del D.L. Luogotenenziale 31/08/1945 n. 660; autori: Mazzola M.R., Termini D.
2. "*Fognatura interna degli edifici*", di cui sono stati adempiuti gli obblighi del D.L. Luogotenenziale 31/08/1945 n. 660; autori: Mazzola M.R., Termini D.
3. "*Utilizzazione di Tecniche Fotogrammetriche Digitali per lo Studio di Modelli Idraulici*", Maggio 1996, di cui sono stati adempiuti gli obblighi del D.L. Luogotenenziale 31/08/1945 n. 660; autori: Franco V., Lo Brutto M., Termini D.

Scientific Publications:

1. "*La Progettazione delle reti idriche con il metodo 'Simulated Annealing'*", Atti del XXIV Convegno di Idraulica e Costruzioni Idrauliche, - Napoli - 20-22 Settembre 1994; autori: Termini D., Tucciarelli T., Mazzola M.R.
2. "Steady-State Convective Acceleration Computation in Shallow Water Equations"; Ninth International Conference on Finite Elements in Fluids - New Trends and Applications - Venezia- 15-21 Ottobre 1995; autori Termini D., Tucciarelli T., Bonvissuto G.
3. "Optimal Network Design with the Use of Reliability Constraints and Simulated Annealing Tecnique"; *EXCERPTA* vol. 10 1996 pp. 295-307; autori: Termini D., Tucciarelli T., Mazzola M.R.
4. "Un modello Completo per la Simulazione del Campo di Moto di Correnti a Pelo Libero Lentamente Variate: Applicazione Al caso di Alvei Meandriformi"; XXV Convegno di Idraulica e Costruzione Idrauliche - Torino - 16-18 Settembre 1996; ISBN: 88-86749-03-1, autori: Tucciarelli T., Termini D.
5. "*Evoluzione di un Canale Meandriforme a Fondo Inizialmente Piano: studio teorico sperimentale della relazione tra la topografia finale del fondo e le caratteristiche cinematiche iniziali della corrente*", tesi di dottorato di Donatella Termini, depositata nelle Biblioteche nazionali di Roma e di Firenze, Febbraio 1996.
6. "La Fotogrammetria Digitale per il Rilievo del fondo Deformato di un Modello Fluviale"; *L'ACQUA*, vol. 2, 1997 pp. 49-56; autori: Franco V., Lo Brutto M., Termini D. ISSN: 1125-1255

7. "Metodo di Previsione della Topografia di Equilibrio del Fondo di un Alveo Meandriforme", Seminario "Nuovi sviluppi applicativi dell'Idraulica dei Corsi d'acqua" - Bressanone (PD) - 27 - 31 Gennaio 1997, pp459-471. autori: Termini D., Bonvissuto G.
8. "A Numerical Method for the Computation of Bed Degradation Downstream a Dam"; Uprating and Refurdishing Hydropower Plants Conference – Montreal (CANADA), 1-3 October 1997; autori: Termini D., Yalin M.S., Bonvissuto G.
9. "Optimal Valves Regulation for Calibration of Pipe Networks Models", "Hydroinformatics '98" – Copenhagen 24-26 Agosto 1998; pp. 1029-1036. Edited by: Babovic, V.; Larsen, L.C.; autori: Tucciarelli T., Termini D.
10. "Velocity field computation in bends of shallow channels"; International conference on hydrology and water resources of humid tropics (*Humidtropics '98*) - Malaysia - 24/26 Novembre 1998 ; autori: Termini D., Tucciarelli T.
11. "Analisi dell'evoluzione della degradazione del fondo in alvei a fondo non uniforme"; Atti del convegno "Il rischio idrologico e la difesa del suolo" - Accademia Nazionale dei Lincei - Roma 1-2 Ottobre 1998; autore: Termini D.
12. "Ricostruzione automatica della morfologia del fondo di un modello fluviale"; rivista "", vol. 5 1998 pp:37-43; ISSN: 1125-1255 autori: Franco V., Lo Brutto M., Termini D.
13. "Leaks Analysis in Pipeline Systems by Means of Optimal valve Regulation"; *Journal of Hydraulic Engineering, ASCE*, vol. 125, n. 3, 1999, pp. 277-285; autori: Tucciarelli T., Criminisi A., Termini D.
14. "La degradazione del fondo negli naturali ed il fattore di frizione" ; *L'ACQUA*; vol. 2 1999, pp. 57-62; ISSN: 1125-1255 autori: Termini D., Bonvissuto G.
15. "Numerical simulation of bed degradation and bed armouring", XXVIII IAHR congress, Graz, Austria, 22/27 August 1999; - ISBN 3-901351-34-5 autori: Termini D., Bonvissuto G.
16. "Experimental study in a meandering channel: 1. Analysis of bed topography", *I.A.H.R. Symposium on River, Coastal and Estuarine Morphodynamics*; Genova, Settembre 6-10 1999; autore: Termini D.
17. "Experimental study in a meandering channel: 2. Analysis of "initial" flow pattern"; *I.A.H.R. Symposium on River, Coastal and Estuarine Morphodynamics*; Genova, Settembre 6-10 1999; autore Termini D.
18. "A Clustering Technique for the Parameter Estimation in Flow Pipe Network Models", International Conference on Computing and Control for the Water Industry - CCWI'99, Exeter, United Kingdom, 13-15 Settembre 1999; autori: Bascià A., Termini D., Tucciarelli T.
19. "Un modello bidimensionale a zero inerzia per il calcolo della propagazione di onde di piena su superfici fortemente irregolari". Giornate di studio su "La Difesa Idraulica del Territorio", Trieste, Settembre 1999; autori: Termini D. , Tucciarelli T.
20. "Boundary Shear Stress Distribution and Convective Accelerations: a forecast methodology of planimetric evolution of meandering channels", International Water Resources Engineering Conference *ASCE conference*, Seattle, 8-12 August 1999; autore: Termini D.
21. "Numerical simulation of river-bed variations: sensitivity analyses with respect of the initial hydraulic roughness", *STOCHASTIC HYDRAULICS 2000*, chapter pp- 309-316; eighth International Symposium on Stochastic Hydraulics 2000 – 25-28 July 2000, Beijing , China; Publisher: A A BALKEMA PUBLISHERS, SCHIPHOLWEG 107C, PO BOX 447, 2316 XC LEIDEN, NETHERLANDS; autore: Termini D.
22. "Analysis of the effect produced by the water flowing of the jutting out elements of historical buildings involucre", 5th International Symposium on the Conservation of Monuments in the Mediterranean Basin, 5th-8th April 2000, Seville (Spain); autori: Colajanni S., Termini D.
23. "Laboratory Measurements of Upstream Overdeepening"; International Workshop on River Environments considering Hydraulic and Hydrologic Phenomena in Snowy and Cold Regions. 20/24 March 2000 – Québec – Canada; autori: Zolezzi G., Termini D., Guala M., Seminara G.
24. "A new approach for a robust solution of the fully dynamic De Saint Venant equations"; International Conference: New trends in water and environmental engineering for safety and life: eco-compatible solutions for aquatic environments. 3-7 July 2000, Capri (Italy); autori: Tucciarelli T., Termini D.
25. "Influenza morfodinamica nei corsi d'acqua naturali: verifiche sperimentali". XXVII Convegno di Idraulica e Costruzione Idrauliche - Genova - 12-15 Settembre 2000; ISBN: 9788890389528, autori: Zolezzi G., Termini D., Guala M., Seminara G.
26. "Finite-Element Modeling of Floodplain Flow", *Journal of Hydraulic Engineering ASCE*. vol. 126 n. 6, 2000, pp. 416-424; autori: Tucciarelli T., Termini. D.
27. "Numerical Simulation of Experiments in a Meandering Flume"; *XXIX IAHR Congress – 21st Century: The New Era for Hydraulic Research and Its Applications* Beijing – China – September 17-21, 2001; pp. 869-875 ; autori: Termini D., Di Cristo C., Greco M.
28. "Application of Dora-2D model to a distributed catchment dynamics", 3rd EGS Plinius Conference, Baja Sardinia, Italy, October 2001; ISBN 88-8080-031-0; autori: Noto L., Panzera G., Termini D., Tucciarelli T.
29. "Rilievi del profilo di velocità in un canale con vegetazione sommersa", *Ingegneria Agraria*- vol. 2, giugno 2001; pp. 108-125; ISSN: 0304-0593; autori: Carollo G., Ferro V., Termini D.
30. "Computation of flow velocity in gravel-bed channels"; 2nd International Conference New Trends in Water and Environmental Engineering for Safety and Life: Eco-compatible Solutions for Aquatic Environments; Capri (Italy), June 24-28, 2002; ISBN: 889002822X; autori: Termini D., Greco M.
31. "Friction Factor Variation in a Meandering Channel"; 2nd International Conference New Trends in Water and Environmental Engineering for Safety and Life: Eco-compatible Solutions for Aquatic Environments; Capri (Italy), June 24-28, 2002; ISBN: 889002822X; autore: Termini D.
32. "Optimal Parameter Zonation for Water Distribution Networks"; *Hydroinformatics 2002*– Cardiff University (UK)– 1-5 July 2002 ISBN: 978-1843390213 ; autori: Bascià A., Termini D., Tucciarelli T.
33. "Numerical simulation of bed topography in large meandering channels"; IAHR International Conference on Fluvial Hydraulics – River Flow, Louvain-la-Neve (Belgio) – 4-6 settembre 2002; ISBN: 90 5809 509 6 autore: Termini D.
34. "The Dora 2D Model: Application to a Natural Carchment in Southern Italy"; 2nd International Conference on Flood Defence, Beijing (China), 10-13 September, 2002 ISBN 9780471927136; autori Termini D., Tucciarelli T..
35. "Riduzione ottimale dell'eterogeneità per la calibrazione dei modelli di reti idriche"; XXVIII Convegno di Idraulica e Costruzioni Idrauliche – Potenza (Italy) 16-19 settembre 2002; autori: Bascià A., Termini D., Tucciarelli T.

36. "Il coefficiente di resistenza in un canale meandriforme di elevata ampiezza"; XXVIII Convegno di Idraulica e Costruzioni Idrauliche - Potenza (Italy) 16-19 settembre 2002; ISBN/ISSN: 88-7740-340-3 ; autori: Termini D., Bonvissuto G..
37. "Flow Velocity Measurements in Vegetated Channels"; *Journal of Hydraulic Engineering, ASCE*, vol. 128, n. 7, pp. 664-673 ISSN: 0733-9429, 2002; autori:Carollo G., Ferro V., Termini D.
38. "Analisi dell'intensità della turbolenza di correnti in moto in alvei in ghiaia"; Rivista di Ingegneria Agraria vol. 4, pp. 63-76 ISSN: 0304-0593; 2003; autori: Carollo G., Ferro V., Termini D.
39. "Resistenze al moto di correnti in canali con vegetazione sul fondo"; Rivista di *Ingegneria Agraria* vol. 2, pp. 39-52 ISSN: 0304-0593; 2003; autori: Carollo G., Ferro V., Termini D.
40. "Modelli di previsione del consumo idrico istantaneo"; Seminario "Tecniche innovative per la ricerca ed il controllo delle perdite" - Perugia - 26 Settembre 2003; pp:193-207; autori: Freni G., La Loggia G., Termini D, Vitellaro P.
41. "A 1D model for sediment transport simulation"; *XXX IAHR Congress - Water Engineering and Research in a Learning Society: Modern Developments and Traditional Concepts.* – 24/29 Agosto 2003 – Thessalonki – Grecia; autore: Termini D.
42. "Applicazione a 5 bacini siciliani di una procedura integrata per lo studio della propagazione delle onde di piena mediante modellazione bidimensionale e uso di cartografia digitale"; 1° Workshop - Modelli matematici per la simulazione di catastrofi idrogeologiche -Cosenza – 30-31 Marzo 2004; autori: La Loggia G., Nasello C., Termini D., Tucciarelli T.
43. "Water quality analysis of a water distribution system: a case study"; 6th International Conference on *Hydroinformatics* - Liong, Phoon & Babovic (eds) – Singapore (Cina) - 21-24 Giugno 2004; ISBN 981-238-787-0, autori: Termini D, Viviani G..
44. "A water demand model by means of the artificial neural networks method"; 6th International Conference on *Hydroinformatics* - Liong, Phoon & Babovic (eds) – Singapore (Cina) - 21-24 Giugno 2004; autori: Freni G., LaLoggia G., Termini D., Vitellaro P..
45. "Modelli di previsione del consumo idrico istantaneo sulla base di reti neurali" XXIX Convegno di Idraulica e Costruzioni Idrauliche –Trento (Italy) 7-10 settembre 2004, autori: Freni G., LaLoggia G., Termini D., Vitellaro P..
46. "Flow in meandering bends"; International Congress *Riverflow 2004*- Napoli 23-25 Giugno 2004; autore: Termini D.
47. "Analisi sperimentale delle caratteristiche cinematiche della corrente in un canale meandriforme di elevata ampiezza: primi risultati" XXIX Convegno di Idraulica e Costruzioni Idrauliche - Trento (Italy) 7-10 settembre 2004; autori: Termini D., Bonvissuto G., Piraino M.
48. "Computation of the regime configuration of a meandering stream"; Sediment transfer through the fluvial system; *AHS-AISH Publication*. n. 288; autori: Termini D.; Yalin M.S.
49. "Application of the DORA 2D Model to some sicilian catchment"; European Geosciences Union – General assembly 2005. Vienna – 24-29 Aprile 2005. autori: Termini D., Tucciarelli T.
50. "Experimental investigation on the "horizontal" turbulence and the bed deformation: preliminary results"; International Symposium on Stochastic Hydraulics - *IAHR Congress*. 23 - 24 May, Nijmegen - The Netherlands. ISBN/ISSN: 90-805649-9-0: 2005; autore:Termini D.
51. "Experimental Observations of upstream overdeepening"; *Journal Of Fluid Mechanics*. vol. 531, pp. 191-219 ISSN: 0022-1120 (2005) Zolezzi G., Guala M., Termini D., Seminara G.
52. "Analyzing turbulence intensity in gravel bed channels"; *Journal of Hydraulic Engineering -ASCE*, vol. 131, n. 12, 2005; autori: Carollo F.G., Ferro V., Termini D..
53. "Flow Resistance Law in Channels with Flexible Submerged Vegetation"; *Journal Hydraulic Engineering – ASCE*, vol. 131, n. 7, 2005; autori: Carollo F.G., Ferro V., Termini D..
54. "Application of a 1-D numerical model to estimate the sediment transported along a river"- Sednet Conference – Palazzo Zorzi – 23-24 Novembre 2006– Venezia; autore: Termini D.– (Abstract).
55. "Comparison of different stochastic models for urban water demand forecasting in drought conditions"; 7th International Conference of Hydroinformatics - HIC 2006, Nice (France) 6-8 september 2006; autori: Fontanazza C., Freni G., LaLoggia G., Termini D.
56. "Experimental investigation of flow characteristics in vegetated channels" International Congress *Riverflow 2006*- Lisbon (Portugal) 6-8 September 2006; autori: Carollo F.G., Ferro V., Termini D.
57. "Analysis of the relation between the flow "horizontal" turbulence and the bed deformation"; proceedings International Symposium on sediment Dynamics and the Hydromorphology of Fluvial Systems – Dundee (Scotland) 3- 7 July 2006; autori: Termini D., Lo Re C.
58. "Applicazione di un modello di simulazione delle variazioni longitudinali del fondo di un alveo naturale" ; XXX Convegno di Idraulica e Costruzioni Idrauliche - Roma (Italy) 11-15 settembre 2006; autori: Termini D., Bonvissuto G.
59. "Un modello previsionale della domanda idrica istantanea in condizioni di scarsità"; XXX Convegno di Idraulica e Costruzioni Idrauliche - Roma (Italy) 11-15 settembre 2006; autori: Fontanazza C., Freni G., LaLoggia G., Termini D.
60. "Estimation of chlorine residual in a drinking water distribution system"; 7th International Conference of *Hydroinformatics* - HIC 2006, Nice (France) 6-8 september 2006; autori: Morga F., Termini D., Viviani G..
61. "Zonazione dei parametri di decadimento del cloro nelle reti idriche: applicazione alla sottorete "oreto-stazione" di Palermo" ; XXX Convegno di Idraulica e Costruzioni Idrauliche - Roma (Italy) 11-15 settembre 2006; autori: Morga F., Termini D., Viviani G..
62. "Analysis of local scour downstream of bed sills: preliminary results of an experimental work"; *IAHS publication* n. 306, Sediment Dynamics and the Hydromorphology of Fluvial Systems , pp. 540-547; autore: Termini D.
63. "Computation of Flow Velocity in Rough Channels"; *Journal Hydraulic Research*, vol. 44 n. 6, 2006;,, pp. 777-784. autori: Termini D., Greco M.
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72. "La vegetazione a protezione di processi di escavazione localizzata: risultati di uno studio sperimentale". XXXVI Convegno Nazionale di Idraulica e Costruzioni Idrauliche - 12-14 settembre 2018 – Ancona (Italy) ISBN:9788894379907. Author: Termini D.
73. "Application of the entropy model to high-curved turbulent flows". Le Giornate dell'Idrologia 2018-Roma, 18-20 giugno 2018. Poster. Authors: Termini D., Moramarco T.
74. "Safety cover hydro-pv - Dispositivo domotico multifunzione per la manutenzione e la sicurezza dei pannelli fotovoltaici con aumento dell'efficienza e della durabilità del sistema". DA52- ISSN 2532-9138 – Ed. Indalo Comunicazione s.r.l. – luglio 2018 – pp-31-33
75. "Turbulent mixing and dispersion mechanisms over flexible and dense vegetation". Acta Geophysical. 2019. 67: 961. <https://doi.org/10.1007/s11600-019-00272-8>. autore: Termini, D.
76. "Use of Vegetation as Biomaterial for Controlling Measures of Human Impact on the Environment," Advances in Materials Science and Engineering, open access. vol. 2019, Article ID 7945839, 7 pages, 2019. Autore: Termini D., <https://doi.org/10.1155/2019/7945839>
77. "Velocity and turbulence measurements: uncertainty in the application of the Image-based technique". 2019- Proceedings IEEE International Workshop on Metrology for the Sea; Learning to Measure Sea Health Parameters, MetroSea 2018; Bari; Italy; 8 October 2018 through 10 October 2018 2018– Published 1 March 2019, Article number 8657832, Pages 65-69 ISBN:978-1-5386-7643-1. Author: Termini D.
78. "Bioengineering Materials for Environment Protection in a Changing Climate" (Editorial) Open Access. [Advances in Materials Science and Engineering](https://doi.org/10.1155/2019/7065719). Open Access Volume 2019, 2019, Article number 7065719. (<https://doi.org/10.1155/2019/7065719>). autori: Termini D., [Azamathulla, H.M.](https://doi.org/10.1155/2019/7065719), [Cantalice, J.R.B.](https://doi.org/10.1155/2019/7065719)
79. "Jets interacting with vegetation in the rotating LEGI platform". Geophysical Research Abstracts Vol. 21, EGU2019- Autori: De Serio F., Armenio E., Badin G., Di Leonardo A., Hilel R., Liberzon D., Mossa M., Negretti M.E., Pisaturo G.R., Righetti M., Sommeria J., Termini D., Valran T., Vermeulen B., Viboud S.
80. "Jet interacting with vegetation in a rotating basin". Proceedings of the HYDRALAB+ Joint User Meeting, Bucharest, May 2019 Autori: De Serio F., Armenio E., Badin G., Di Leonardo A., Hilel R., Liberzon D., Mossa M., Negretti M.E., Pisaturo G.R., Righetti M., Sommeria J., Termini D., Valran T., Vermeulen B., Viboud S.
81. "Modeling Bedload Transport Trajectories along a Sine-generated Channel". WATER RESOURCES, 46(4), 542-552. Authors: Li He, Dong Chen, Donatella Termini, Yafei Jia, Yaoxin Zhang.
82. "Maintenance by water-cleaning and efficiency reduction of pv panels" - Journal of Modern Mechanical Engineering and Technology. 2019, 6, pp. 1-3.. Authors: Termini, D., Ragonese G.
83. "Safety cover hydro-PV: Dispositivo domotico multifunzione per la manutenzione e la sicurezza dei pannelli fotovoltaici con aumento dell'efficienza e della durabilità del sistema" nella rivista "DA52 per la ricerca e L'innovazione" vol. 2 luglio 2018.
84. "Velocity distribution and Dip phenomenon in a large amplitude meandering channel" – in corso di stampa in XXXVIII ISH monograph – autore: Termini D.
85. "Non-Contact Measurement of River Surface Velocity and Discharge Estimation with a Low-Cost Doppler Radar Sensor". 2020. In press. IEEE Transactions on Geoscience and Remote Sensing; Print ISSN: 0196-2892, Online ISSN: 1558-0644; Digital Object Identifier: 10.1109/TGRS.2020.2974185
86. "Experimental Analysis of Velocity Distribution in a Coarse-Grained Debris Flow: A Modified Bagnold's Equation" in press Water as part of the Special Issue "Flow Hydrodynamic in Open Channels: Interaction with Natural or Man-Made Structures"; 2020 available online: PDF Version: <https://www.mdpi.com/2073-4441/12/5/1415/pdf>
87. "Entropic model application to identify cross-sectional flow effect on velocity distribution in a large amplitude meandering channel". In press. Advances in Water Resources. Doi: [10.1016/j.advwatres.2020.103678](https://doi.org/10.1016/j.advwatres.2020.103678)

ATTIVITA' SCIENTIFICHE

MEMBER OF RESEARCH CENTERS:

-Member of Interdepartmental Research center "MIGRARE" from 2019

-Member of I.E.M.E.S.T. (istituto Euro-Mediterraneo di Scienza e Tecnologia) until 20.

AWARDS:

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2019: International Award of Best Researcher 2019 in Hydrodynamics and Fluvial processes by RULA AWARDS & IJRULA www.rulaawards.com (Accredited by, Idamas Learning Center, Malaysia www.idamaslearning.com; World Research Council www.worldresearchcouncil.org; United Medical Council www.unitedmedicalcouncil.org)

- 2018 " Sapio" Award for the Italian research and Innovation – XVI edition
- 2010 best poster in Hydraulic Constructions - by GII-Idra 2010
- “2007 International Award “Karl Emil Hilgard Hydraulic Prize”, by ASCE (*American Association of Civil Engineering*, <http://www.asce.org/templates/award-detail.aspx?id=614>)
- She is in the “Who's Who in the World” since 2008.

OTHER INTERNATIONAL RECOGNITIONS

- Recognitions for Reviewing (Elsevier reviewer recognition):
1. October 2016 from Advances in Water Resources
 2. August 2016 from CATENA Journal
 3. November 2016 from CATENA Journal
 4. April 2017 from Advances in Water Resources
 5. June 2018 from Journal of Hydrology

RESEARCH FELLOWSHIPS, RESEARCH PERIOD ABROAD, VISITING PROFESSOR:

- 2019 Visiting Professor for didactic and research activities at the “Federal Rural University” of Pernambuco (Brazil); from November, 15 2019 to November, 30 2019, funded by CAPES (Brazil).
- 2019 Visiting Professor for didactic and research activities from October 10 2019 to November 10 2019 at Queen’s University - Kingston – Ontario – Canada, funded by University of Palermo (Italy) – collaboration with prof. A.M. Da Silva
- 2018 Research staying at “Laboratoire des Écoulements Géophysiques et Industriels” (LEGI) – Grenoble, France, in the ambit of the project “Adaptation for Climate Change (JEVERB)” supported by the Horizon2020 programme of the EC (Invited at the LEGI by Dr. Joel Sommeria)
- 2015 Research fellow for Research stay at IGB - Institute of Freshwater Ecology and Inland Fisheries, Berlin, IGB, Germany, funded by Deutcher Akademischer Austausch Dienst- (Germany). Collaboration with Dr. Alexander Sukodolov
- 2000/1998 Post-doc fellowship at University of Palermo (Italy)- for two years, funded by University of Palermo (Italy).
- 1997 Short-term mobility Fellowship at Queen’s University - Kingston - Ontario – Canada, for 21 days in October 1997, funded by CNR, Italy. Collaboration with Emeritus professor M.S. Yalin of Queen’s University - Kingston - Ontario - Canada
- 1994 Research fellow at Queen’s University - Kingston - Ontario – Canada, for three months (from May 15 1994 to August, 15 1994), funded by University of Palermo (Italy). Collaboration with Emeritus professor M.S. Yalin of Queen’s University - Kingston - Ontario - Canada

OTHER INTERNATIONAL COLLABORATIONS:

- **Collaboration with Prof. Professor Dr Hazi Mohammad Azamathulla- Faculty of Engineering- University of Tabuk (KSA)**
- **Collaboration with *Deutcher Akademischer Austausch Dienst- (DAAD)* – Germany**

COLLABORATIVE ACTIVITIES:

- Reviewer for the following:

- “Acta Geophysica” - Springer – The Netherlands
- “Acquatic Ecology”- Springer Netherlands
- “Advances in Water Resources” – Elsevier
- “Aquatic Sciences” - Springer – The Netherlands
- [“Ain Shams Engineering Journal” - Elsevier](#)
- “Canadian Journal of Civil Engineering”
- “CATENA” – Journal - Elsevier
- “Earth Surface Processes and Landforms” – Elsevier
- “Engineering Science and Technology” Journal
- “Environmental Fluid Mechanics” - Springer – The Netherlands
- “Geomorphology” – Elsevier
- “International Journal of Physical Sciences”
- “International Journal of Sediment Research” – Elsevier
- [“Journal of Hydro-environment Research” - Elsevier](#)
- “Journal of Hydraulic Engineering” - American Society of Civil Engineering (ASCE)

- “Journal of Hydroinformatics” -Journal of the IAHR-IWA-IAHS
 - “Journal of Hydraulic Research” (IAHR)
 - “Journal of River Basin Management” (IAHR)
 - “Journal of Applied Water Engineering and Research”- Taylor & Francis
 - “Stochastic Environmental Research and Risk Assessment” - Springer – The Netherlands
 - “Water Resources Research” - [Wiley Online Library](#)
 - “Water” – MDPI Journal
- Reviewer for Italian “Qualified Research” VQR (2004-2010; 2011-2014)
 - Reviewer of international and national research projects
 - Included in the list of “Cineca Referee” to evaluate research proposals for Italian Universities
 - Evaluator of research proposals for *Deutsche Forschungsgemeinschaft German Research Foundation* (DFG) (Germany)
 - Evaluator of research proposals for *Deutscher Akademischer Austausch Dienst-* (DAAD) – Germany

EDITOR ACTIVITY:

- **Guest Editor - Volume n. 81 -2015 titled: “*Fluvial Eco-Hydraulics And Morphodynamics*” - Journal: *Advances in Water Resources – Elsevier* - Journal ranking Q1 – Impact factor 3.673**
- **Guest Editor –Volume 120, October 2018 titled: “*River processes and links between fluvial and coastal systems in a changing climate*” - Journal: *Advances in Water Resources – Elsevier* - Journal ranking Q1 – Impact factor 3.673**
- **Guest Editor (with Prof. M. Mossa and Prof. P. Davies) - Volume 2018 titled: “*Turbulence in River and maritime Hydraulics*” - Journal: *Water – Open-access journal from MDPI* - Journal ranking Q1 Impact factor 2.069**
- **Lead Guest editor – Volume 2018 titled: “*Bioengineering Materials for Environment Protection in a Changing Climate*” - Journal: *Advances in Materials Science and Engineering* - Journal ranking Q2 Impact factor 1.399**
- **Advisory Editor member - International Journal of Mechanics and Energy Science (IJMES) <http://www.ijme.aicme.net/index.php?optionsmdi=editorialboard#contenu>**

Member of Editorial boards:

- Honorable Editorial Member (Editors) in [Journal of Ecology & Natural Resources \(JENR\)](https://medwinpublishers.com/JENR/editorial-board.php) (ISSN: 2578-4994) <https://medwinpublishers.com/JENR/editorial-board.php>
- Honourable Editorial Board member - Engineering Technology - Open Access Journal (ETOAJ) - <https://juniperpublishers.com/etoaj/editorialboard.php>
- e-Book: "Turbulent Flows: Prediction, Modeling and Analysis" – Nova Publisher, New York ISBN: 978-1-62417-742-2
- Earth Sciences until 2013 (<http://membership.sciencepublishinggroup.com/termini>)

PATENT:

- She is co-owner of the patent: “*Sistema automatico di protezione e di sicurezza per sistemi fotovoltaici. dps-
php: domotic protective system for photovoltaic panel*” PATENT of 12/11/2018 - N. 102016000018385 -
Classifica H02S- deposit: 23/02/2016

AMBITI DI RICERCA

Research interests

- Eco-hydraulics
- River morphological response
- Local scour
- Evolution and stability of meandering rivers
- Sediment transport
- Hyper-concentrated flows
- Monitoring of Hydraulic parameters during extreme events
- River plane-form evolution
- River re-naturalization
- Vegetation effects
- River hydrodynamic response
- Secondary flows
- Flood mitigation
- Water network simulation
- Water consumption models
- Chlorine concentration prediction for water quality in pipe networks

Interessi di ricerca

- Morfodinamica ed eco-morfodinamica fluviale;
- Idrodinamica ed eco-idraulica fluviale;
- Propagazione di correnti iperconcentrate
- Monitoraggio di parametri idrodinamici anche durante eventi estremi
- Erosione localizzata
- Evoluzione e stabilità di canali meandriformi
- Trasporto solido
- Ri-naturalizzazione di corsi d'acqua
- Effetti della vegetazione in corsi d'acqua naturali
- Risposta idrodinamica nelle correnti nei corsi d'acqua naturali
- Correnti secondarie
- Mitigazione delle piene
- Modelli di simulazione per reti di approvvigionamento idrico

- Modelli di consumo idrico
- Predizione di concentrazione di Cloro per definire le condizioni di qualità in reti di approvvigionamento idrico

ALTRE ATTIVITA

Commissions and contracts

- a) Member of Commissions

- Nominated by Ministero dell'Istruzione, dell'Università e della Ricerca for Procedura valutativa per n. 4 posti di professore di ruolo di II fascia n. 4 posti di Professore di ruolo di II fascia di cui n. 1 posto per il Settore Concorsuale 08/A1 – SSD ICAR/01 presso il Dipartimento di Ingegneria Civile, Edile e Ambientale – Facoltà di Civile e Industriale: (decreto nomina D.R n. 2104/2018 del 20.08.2018) - Università di Roma La Sapienza
- Nominated by Ministero dell'Istruzione, dell'Università e della Ricerca MIUR-Cineca Assessor of Ph.D. Thesis XXIX cycle - University of Padova (Italy) 2016
- Member of Committee for the award of the joint (Joint degree University of Trento (Italy), Freie Universität of Berlin, Queen Mary University of London) *PhD title in "River Science"* – Erasmus Mundus Joint Doctorate Programme in Science for Management of Rivers and their Tidal Systems. Final examination at the Department of Civil, Environmental and Mechanical Engineering of the University of Trento (Italy) (dicembre 2016).
- Member of Committee for Final Examination of "*Highly Qualified Research Doctor*" - Scuola Interpolitecnica di Dottorato "Environmental and Territorial Safety and Control" –Politecnico Torino (febbraio 2014).
- Member of Commission for the confirmation of researchers S.S.D. ICAR/01 nominated by Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR) - 13/02/2014 prot. N. 3028.
- Member of Commission for the confirmation of associated professor S.S.D. ICAR/01 nominated by Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR) - 10/11/2009, prot. N. 3961
- Member of Commission for "Test di verifica delle conoscenze iniziali" nominated by Facoltà di Ingegneria- University of Palermo (aa.yy. 2001-2002, 2002-2003, 2003-2004);
- Member of Commission for fellowship for the improvement abroad, nominated by the Divisione Didattico- Scientifica (Sezione Ordinamenti Didattici e Formazione Post-laurea) – University of Palermo (anno 2003).
- Member of Commission for Ph.D. fellowships – Doctorate in Hydraulics and Environmental Engineering (XXII cycle) - Dipartimento di Ingegneria Hydraulics ed Applicazioni Ambientali – University of Palermo.

b) Member of Teaching college Doctorate:

- Member of Civil, Environmental, of Materials Engineering - Department DI –University of Palermo for cycles XXXVI-XXIX
- Member Teaching college Doctorate of Civil and Environmental Engineering – Department DICAM –University of Palermo for cycles XXVI-XIX
- Member di many Commissions for Research Grants – University of Palermo.
- Member di many Degree Commissions (Engineering for Environment and Territory; Mechanical Engineering; Construction Engineering; Civil Engineering).

c) Organization and coordination activities:

- Coordinated the activities for the Department DICAM in the ambit of the project "SHARPER" SHARing Researchers' Passion for Engagement and Responsibility-European corner - 30 settembre 2016
- Coordinated the activities for the Department DICAM in the ambit of the project "SHARPER" SHARing Researchers' Passion for Engagement and Responsibility- European corner - 29 settembre 2017
- Coordinated the activities for the Department DICAM in the ambit of "European Researchers 'Night and Weekend of the research 2010" – University of Palermo.
- Coordination activities and technical assistance for testing and calibration of instruments of the laboratory of fluvial hydraulics at DICAM.

d) Seminars and congresses Organization

- As Organizing Chair :

- “*PROTEZIONE DEL TERRITORIO E RISCHIO IDROLOGICO IN SICILIA: Giornata di studio sulle opere di difesa del territorio a seguito degli eventi alluvionali del 1° Ottobre 2009 nei comuni della fascia jonica del messinese*” – 25 October 2016 – University of Palermo;
- *Second edition “M.S. Yalin Memorial Colloquium: Fundamental river processes and Connection between fluvial and coastal systems in a changing climate”*–

November, 19/20, 2015 - University of Palermo (invited Keynotes: Prof. Vladimir Nikora – University of Aberdeen – UK; Prof. Giovanni Seminara - University of Genova), sponsored by the international association IAHR.

- *First Edition “M.S. Yalin Memorial Mini-Colloquium: Fluvial Eco-Hydraulics and Morphodynamics: new insights and challenge”* – November, 28/29, 2013, University of Palermo (invited Keynotes: Prof. Ana Maria Ferreira da Silva – Queen’s University – Ontario CANADA; Prof. G. Di Silvio – University of Padova; Prof. A.Armanini – University of Trento).
- “*Morphodynamic processes and evolution of river meanders: analysis of historical evidence and field observations*” - November 05, 2009, University of Palermo (invited speaker Prof. Janet Hooke – University of Liverpool - UK).

- as Member of Organizing Committee:

- 9th International Conference GREEN CHEMISTRY& TECHNOLOGY- May 22-23, 2019 | Rome, Italy (<http://greenchemistry.alliedacademies.com/2019/organizing-committee>)
- International conference Global Summit on Recycling and Waste Management Theme : Promote safe Recycling and Waste Management practices to build a greener world. November 11 - 12, 2019 Berlin, Germany Pragmatic Conclave (<https://www.pragmaticconclave.uk/Recycling-2019-berlin/organizingcommittee>).
- “Turbulent Rayleigh-Bernard and Taylor-Couette flow”. 11th International ERCOFTAC Symposium on Engineering Turbulence Modelling and Measurements- Palermo (Italy), 21-23 September 2016
- “Rischio alluvionale: 7 sfide per il 2020” – Firenze – 5 Novembre 2018. Gruppo Alluvioni del GRUPPO ITALIANO DI IDRAULICA (GII) - <http://www.gii-idraulica.net/newsletter/rischio-alluvionale-7-sfide-il-2020-%E2%80%935-novembre-2018>

— Convener in scientific congresses:

- Convener session “*Mixing and transport processes in vegetated rivers*” – 5th IAHR Congress New Challenges in Hydraulic research and engineering – Trento (Italy) 12-14 June 2018
- Convener special session: “*Simulation of fluvial eco-hydraulic and morphodynamic processes*” (Co-Conveners: M. Mossa – University of Bari-, S. Lanzoni – University of Padova) - 13th International Conference on Hydroinformatics 2018 (HIC2018) – Palermo (Italy), 1-6 July 2018
- Convener session “*Advances in Fluvial eco-hydraulics and morphodynamics*” - (Co-Conveners: Grant Gordon- Oregon State University) -Computational Methods in Water Resources (CMWR2016) – Toronto (Canada), 20-24 June 2016
- Chairman session “*Turbulent Rayleigh-Benard and Taylor-Couette flow*”. 11th International ERCOFTAC Symposium on Engineering Turbulence Modelling and Measurements- Palermo (Italy), 21-23 September 2016
- Convener session “*Mechanics of sediment transport*” Riverflow 2014 - - Lousanne 2-6- Settembre 2014
- Chairman session “*Numerical simulations*” in Hydroinformatics 2012 (HIC 2012)

INVITED SPEAKER

- “L’acqua e le risorse sostenibili a sostegno delle condizioni di vivibilità locale”. CONVEGNO Alumni DAAD Italia - ADIT - 2018 *MIGRAZIONI/MIGRATIONEN*. Napoli (Italy) 8-10 novembre 2018
- “*Hyper-concentrated flow and surface velocity estimation by digital imaging technique: a study case*”; International conference WSEAS 2015, Salerno, Italy, June 27-29, 2015.
- “*Vegetation as biomaterial in Environmental Engineering*”, [EMN Europe Meetings](#), Milano, Italy, 14-18 Agosto 2017
- “*Flow-vegetation interactions: lessons learned from experiments*”. 4th International conference on Water Resource and Environment (WRE 2018)- July 17-21 2018- Kausiung City-Taiwan (<http://www.wreconf.org/speaker/Termini.html>)