

PERSONAL INFORMATION

Luca Palmeri



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Sex Male | Date of birth 10/07/1969 | Nationality Italian

PERSONAL STATEMENT

Dr. Palmeri's field of expertise is in ecological engineering and related information technologies. He specializes in GIS based Environmental Modelling, Water Resources Management, Water Quality and Environmental Impact Assessment. He has designed and implemented several research projects in these fields. Since 1996, he has undertaken consultancies for the Italian Environmental Protection Agency at the national and regional levels; the United Nations; the European Commission and several other public and private sector institutions. He is an active researcher in the field of Thermodynamics and Theoretical Ecology. He is lecturer at the School of Environmental Engineering of the University of Padua for the courses "Modeling and Control of Environmental Systems", "Ecotoxicology" and "Life Cycle and Environmental Impact Assessment". Dr. Palmeri has been member of the Editorial Board of the international Journals "Ecological Modeling" and "Ecological Indicators", of the European chapter of the International Society of Ecological Modeling (ISEM) and of the European Water Resources Association (EWRA). He is member and founder of the Italian Group of Sanitary Environmental Engineers Association (GITISA).

WORK EXPERIENCE

2018–Present

Research Coordinator

University of Padova

Research coordinator for the partner Laboratory of Environmental Systems Analysis and Control (LASA) in the EC project LIFE16 ENV/IT/000488 **PHOENIX** - Perfluorinated compounds HOlistic ENvironmental Interinstitutional eXperience

2015–2019

Visiting Professor

ENSTP - Ecole Nationale Supérieure des Travaux Publics, Yaounde (Cameroon)

Visiting professor at the ENSTP, Yaounde classes of Modelling and Control of Environmental Systems" and "Ecotoxicology"

2013–2017

Scientific Coordinator

University of Padova

Scientific coordinator for the project LIFE **VIMINE** – A Life+ Nature project for the definition and application of an integrated approach to the sustainable conservation of the salt marshes of the Lagoon of Venice; the project coordinated by LASA - DII started in September 2013 and closed in 2017

2009–2011

Research Coordinator

University of Padova

Research coordinator for the partner LASA in the EC FP7 project **KNOWSEAS** - Knowledge-based Sustainable Management for Europe's Seas, University of Padova, Italy

- 2005–2008 **Research Coordinator**
 Research coordinator for the partner LASA in the EC FP6 project **INCOFISH** – Integrating Multiple Demands on Coastal Zones with Emphasis on Aquatic Ecosystems and Fisheries. University of Padova, Italy
- 2004–2007 **Research Coordinator**
 University of Padova
 Research coordinator for the partner LASA in the EC FP6 project **ELME** – European Lifestyles and Marine Ecosystems. University of Padova, Italy
- 2006–Present **Researcher**
 University of Padova (Italy)
 2006 Researcher (permanent position) in Environmental Sanitary Engineering at the University of Padova
- 1999–Present **Teaching experience**
 University of Padova (Italy)
 Several contracts as contract or assistant professor at the School of Environmental Engineering of the University of Padua:

 Contract Professor for the course "Modeling and Control of Environmental Systems", assistant professor for the course "Life Cycle and Environmental Impact Assessment".

 2019, 2018 - Visiting professor at the ENSTP, Yaounde classes of "Modelling and Control of Environmental Systems" and "Ecotoxicology"
 2008 Professor for course on "Environmental Chemical Engineering"
 2004 Lectures on "Aree umide a flusso superficiale, processi dei cicli dei nutrienti, criteri di progettazione, casi di studio" (6 ore), during the "Settimana di studio sulla fitodepurazione delle acque di rifiuto", dip. IMAGE – Università degli Studi di Padova, Bosconero (BL)
 2003/2000. Lectures "Termodinamica per la modellistica dei sistemi ambientali", ciclo di seminari (18 ore), corso di "Modellistica e controllo dei sistemi ambientali".
 2001 Lectures on "Modelli geografici a parametri distribuiti", lezioni integrative (6 ore), corso di "Modellistica e controllo dei sistemi ambientali"
 2000 Lectures on "Processi di abbattimento di nutrienti negli impianti di fitodepurazione" lezioni integrative (6 ore), corso di "Modellistica e controllo dei sistemi ambientali"
 2001/1999 Esercitazioni per gli studenti del corso di "Modellistica e controllo dei sistemi ambientali"
- 2001–2003 **Assistant Researcher**
 University of Padua (Italy)
 Laboratory of Environmental Systems Analysis and Control (LASA-DPCI) of the University of Padua
 EC **EUROCAT** project, Po river catchment. Water resources management in agro-industrial landscapes, nutrient generation from anthropogenic activities, nutrient transport and the effects on the river and coastal zone ecosystems. Research activity coordination and project management. University of Padua, Italy
- 2002–2003 **External Contractor**
 Regional Agency for the Protection of the Environment - Veneto Region (Italy)
 Consultancy agreement for the implementation of a nutrient generation model from diffuse and point

sources. Model application to the drainage basin of the Lagoon of Venice, Regional Agency for the Protection of the Environment (Centro di Riferimento per il Bacino Scolante, ARPAV Mestre, VE - Italia). Scientific coordination for the modelling activities.

2000–2001 **External Contractor**

Regional Agency for the Protection of the Environment - Veneto Region (Italy)

Consultancy agreement for the construction and management of a GIS database, a Geographic Analysis System and a Decision Support System for the drainage basin of the Lagoon of Venice, Regional Agency for the Protection of the Environment (Centro di Riferimento per il Bacino Scolante, ARPAV Mestre, VE - Italia). Direction and supervision of the construction of the basic GIS database, hardware and software configuration, implementation of geocoding procedures and knowledge transfer.

EDUCATION AND TRAINING

2018–Present **National scientific qualification (ASN)**

ssc 05/C1 **ECOLOGY** - (BIO/07) - valid until 30/03/2024

2006–Present **Permanent researcher**

University of Padova

ssd ICAR/03 -Sanitary Environmental Engineering

2003 **PhD in “Environmental Modelling”**

University of Padova (Italy)

thesis title: “Thermodynamics and Ecology”

1998 **Degree in Physics**

Università di Padova, Italia

thesis title: “Energy and Information in ecological modeling”

1995 **Maitrise de Physique (ERASMUS equivalence)**

Faculté de Physique, Université de Paris XI, France

1988 **High School Diploma**

Liceo Scientifico I. Nievo, Padova, Italia

1998–2006 **Schools, workshops, seminars**

2006 Workshop “Using ecosystem modeling for fishery management”, Cape Town, South Africa, September 11-15, 2006

2004 Workshop “Ecosystem Complexity”, Bled Sept. 24-26 2004

2003 Seminar “Tannery waste water treatment”, Prof. Petr Grau, January 13th, 2003, DPCI, Padova

2001 Workshop “DEFINITE – A tool for Multi Criteria Analysis” (October, 2001) – Institute for Environmental Studies (IVM), Vrije Universiteit, Amsterdam, Netherland

2001 Workshop “MONERIS - Modelling Nutrient Emission to River Systems” (October, 2001) – Institute of Freshwater Ecology and Inland Fisheries (FVB-IGB), Berlin, Germany

2001 Seminar “Fattibilità e proposte per uno studio di sostenibilità dell’ecosistema lagunare”, - Prof. E. Tiezzi presso IVSLA, Venezia, Italia, 11 maggio 2001

2001 Seminar “Modelli ad area limitata e loro applicazione nel territorio del Bacino Scolante in Laguna di Venezia”, - ARPAV, Padova, Italia, 4 Luglio 2001

2000 Workshop “Constructed Wetlands for Water Quality Improvement” (May, 2000) – Environmental Resources. Engineering Department of Humboldt State University, Arcata, California USA

2000 Seminar “Lake Victoria Decision Support System”, - Ing. Carlo De Marchi, DPCI, Università di Padova, 20 March 2000.

2000 Seminar “Chaotic Systems and Catastrophe Theory”, – Prof. Sergio Rinaldi, Centro Interdipartimentale di Ricerca in Informatica Territoriale e Ambientale, Politecnico di Milano, 13 aprile 2000.

1999 Workshop “Hydrology in freshwater wetlands” (November, 1999) – The National Environmental Research Institute, Silkeborg, Denmark

1999 Cycle of Seminars (April/May) “Quantitative ecology”, course of Modelling and control of environmental systems. Electronic Engineering faculty, Dr. G. Coffaro, University of Padua

1999 Seminar “Mathematical models for wetland design and management”, Prof. S. Marsili-Libelli, University of Padua

1999 Seminar “Project criteria for wastewater treatment with conventional and alternative methods”, Prof. L. Masotti, University of Padua

1999 Workshop 'Le aree umide costruite' IAWQ, ENEA - Bologna, 25 Maggio 1999.

1999 Workshop sulle aree riparie fluviali (conservazione e ripristino), IAWQ Università di Padova - Padova, 13 Settembre 1999

1998 Summer School on Environmental Dynamics. 2 weeks course on "Evolution and Self-Organization" (June 1998) -IVSLA Venezia, Italia

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	B2
	TALB2				
French	B2	C1	B1	B1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Excellent communication skills gained through more than 20 years experience as a university professor and manager of public sector research projects financed by the EU and others. Ability share scientific findings to scholarly audiences and to simplify complex topics for presentation to project beneficiaries and other partners. This includes drafting materials for high level peer-reviewed scientific journals. This also included using sophisticated data visualization tools and to convey action-oriented information in visual and verbal formats for other concerned stakeholders outside the scientific community.

Organisational / managerial skills

Luca Palmeri directs and coordinates since 2004 the activity of the research group LASA (Laboratory of Environmental Systems Analysis and Control) of the Department of Industrial Engineering (DII - University of Padua). - <http://lasa.dii.unipd.it>

Organisational and managerial skills include:

- Planning of applied research
- Mobilising research partners
- Mobilising external financing for research activities
- Coordinating implementation of collaborative research amongst several institutional partners
- Managing day to day operations of externally funded projects

- Facilitating of field-level stakeholder participation in applied research
- Liaising between research partners and public sector authorities and financing institutions
- Supervising researchers, technical and administrative staff
- Organising briefings for stakeholders on planned activities
- Placing and Showcasing of research findings in scientific publications

These skills are demonstrated by the following facts:

LASA collaborates with numerous institutions (Consorzi di Bonifica, Comuni, Regione Veneto) and national and international research groups, such as:

- SAMS - Scottish Association for Marine Science (Prof. L. Mee)
- DTU - Modeling of integrated urban drainage wastewater systems (Dr. L. Vezzaro)
- UNIPD - Center for Environmental Quality Studies (CESQA) (Prof. A. Scipioni)
- UNIPD - DICEA, Sanitary Environmental Engineering Laboratory (Prof. R. Cossu)
- UNIPD - Dept. of Biology - Evolution and Ecology of Fish Reproduction (Prof. C. Mazzoldi)

Under the direction of dr. Palmeri LASA has become a member of the "National Interuniversity Consortium for Sea Sciences" (CoNISMa) and partner of the Smart Rivers Network Action Group - European Innovation Partnership on Water (EIP Water) which promotes participatory management actions among the various stakeholders in the European hydrological basins.

LASA includes a chemical analysis laboratory and a mathematical modeling laboratory and consists of 1 researcher, 2 technicians and a variable number of other contracted personnel. In particular, Dr. Palmeri was able to grow the research group by acquiring doctoral scholarships and post-doc research grants, as well as activating independently on his own research funds contracts for young researchers. The functions performed by Dr. Palmeri, as part of the LASA research group as a partner in European research projects, are those of coordinator and scientific manager. Furthermore, dr. Palmeri carries out research and coordination activities in the framework of numerous research contracts and agreements signed by the Department with various public service or research bodies and private entities.

Since February 2004, Dr. Palmeri has organized several didactic activities on the following topics:

- + Phytodepuration plants: Nutrient cycles in wet areas and removal processes; Design criteria; Localization and sizing procedures; Modeling of phytodepuration processes.
- + Monitoring of environmental systems: design of control and measurement systems; Sampling and analysis; Data processing techniques; control devices; sensors and sensory data processing.
- + Environmental thermodynamics and modeling: Introduction; Basics of classical thermodynamics; Irreversible processes; Definition and measurement of information; Thermodynamic potentials in ecology; analysis of the structural properties of the models.

Since 2006, dr. Palmeri has worked as a speaker or supervisor for more than 100 undergraduates of the degree course in "Environmental Engineering" at the University of Padova.

The results of the research carried out in the context of the activities of LASA and in collaboration with other groups in Italy and abroad have allowed the production of numerous articles published in scientific journals of international relevance and some monographs including the English text "Ecological Processes Handbook", Palmeri et al. (2013), adopted in the course of "Modeling and Control of Environmental Systems"

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user		Proficient user

Digital skills - Self-assessment grid

Proficient in using Unix as well as several programming and scripting languages.

ADDITIONAL INFORMATION

Publications 2000-2019

- [1] Damiano Baldan and Luca Palmeri. *Linee guida per un'economia circolare nella manutenzione del verde*. CLEUP, PADOVA, 2019.
- [2] Andrea Gredelj, Carlo Nicoletto, Sara Valsecchi, Claudia Ferrario, Stefano Polesello, Roberto Lava, Francesca Zanon, Alberto Barausse, Luca Palmeri, Laura Guidolin, and Marco Bonato. Uptake and translocation of perfluoroalkyl acids (pfaa) in red chicory (*cichorium intybus* L.) under various treatments with pre-contaminated soil and irrigation water. *SCIENCE OF THE TOTAL ENVIRONMENT*, 2019.
- [3] Andrea Gredelj, Alberto Barausse, Laura Grechi, and Luca Palmeri. Deriving predicted no-effect concentrations (pnecs) for emerging contaminants in the river po, italy, using three approaches: assessment factor, species sensitivity distribution and aquatox ecosystem modelling. *ENVIRONMENT INTERNATIONAL*, 119:66–78, 2018.
- [5] Laura Grechi, Antonio Franco, Luca Palmeri, Alberto Pivato, and Alberto Barausse. An ecosystem model of the lower po river for use in ecological risk assessment of xenobiotics. *ECOLOGICAL MODELLING*, 332:42–58, 2016.
- [6] Eliana Pecorari, Alice Mantovani, Chiara Franceschini, Davide Bassano, Luca Palmeri, and Giancarlo Rampazzo. Analysis of the effects of meteorology on aircraft exhaust dispersion and deposition using a lagrangian particle model. *SCIENCE OF THE TOTAL ENVIRONMENT*, 541:839–856, 2016.
- [7] Alberto Pivato, Roberto Raga, MARIA CRISTINA Lavagnolo, Stefano Vanin, Alberto Barausse, Luca Palmeri, and Raffaello Cossu. Assessment of compost dosage in farmland through ecotoxicological tests. *JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT*, 2016.
- [8] Matteo Simonetto, Alberto Barausse, N. Chaniotou, Alessandro Manzardo, Luca Palmeri, and Antonio Scipioni. Economic assessment of recreational ecosystem services affected by the rehabilitation project of a finnish river. In *International scientific conference: the ecosystem services of urban rivers. book of abstracts*, , , 2016.
- [9] Alberto Barausse, Laura Grechi, Nevenka Martinello, Tommaso Musner, D Smania, A Zangaglia, and Luca Palmeri. An integrated approach to prevent the erosion of salt marshes in the lagoon of venice. *EQA*, 18:43–54, 2015.
- [10] Alberto Pivato, Alberto Barausse, Zecchinato Francesco, Luca Palmeri, Roberto Raga, MARIA CRISTINA Lavagnolo, and Raffaello Cossu. An integrated model-based approach to the risk assessment of pesticide drift from vineyards. *ATMOSPHERIC ENVIRONMENT*, 111:136–150, 2015.
- [11] Polizzi Cecilia, Matteo Simonetto, Alberto Barausse, Chaniotou Ninetta, Känkänen Riina, Keränen Silja, Alessandro Manzardo, Mustajärvi Kaisa, Luca Palmeri, and Antonio Scipioni. Is ecosystem restoration worth the effort? the rehabilitation of a finnish river affects recreational ecosystem services. *ECOSYSTEM SERVICES*, 2015.
- [12] Alberto Barausse and Luca Palmeri. *A comparative analysis of trophic structure and functioning in large-scale mediterranean marine ecosystems*. SPRINGER, 2014.
- [13] Luca Palmeri, Nevenka Martinello, Alberto Barausse, Tommaso Musner, D. Smania, and Laura Grechi. Life vimine - an integrated approach to the sustainable conservation of intertidal salt marshes in the lagoon of venice. In *Proceedings*, , , 2014.
- [14] Laiolo Leonardo, Alberto Barausse, Dubinsky Zvy, Luca Palmeri, Goffredo Stefano, Kamenir Yury, Najjar Tariq Al, and Iluz David. Phytoplankton dynamics in the gulf of aqaba (eilat, red sea): a simulation study of mariculture effects. *MARINE POLLUTION BULLETIN*, 86:481–493, 2014.

- [15] Cinnirella Sergio, Sardà Rafael, Vivero Juan Luis Suárez de, Brennan Ruth, Alberto Barausse, Icely John, Luisetti Tiziana, March David, Murciano Carla, Newton Alice, O'Higgins Tim, Luca Palmeri, Palmieri Maria Giovanna, Raux Pascal, Rees Sian, Albaigés Joan, Pirrone Nicola, and Turner Kerry. Steps toward a shared governance response for achieving good environmental status in the mediterranean sea. *ECOLOGY & SOCIETY*, 19:2014.
- [16] Eliana Pecorari, A. Pittarello, A. Mantovani, S. Sollecito, M. Benzo, Luca Palmeri, D. Bassano, and G. Rampazzo. Stima delle emissioni odorigene da aeromobile e loro dispersione presso l'aeroporto marco polo di venezia.. In *Conference proceedings*, , Maggioli spa, 2014.
- [17] C. FACCA, A. BARAUSSE, A. BONOMETTO, L. DA ROS, M. FAVARO, L. PALMERI, M. PARRAVICINI, A. PUGNETTI, M. RAVAIOLI, F. RICCATO, and S. TONIN. Studio, salvaguardia, recupero e gestione sostenibile degli ecosistemi marino-costieri nell'ambito dei programmi europei life+. In *Atti 45° congresso sibm, venezia, 19-23 maggio*, , , 2014.
- [18] Luca Palmeri, Alberto Barausse, and Erik Jørgensen Sven. *Ecological processes handbook*. NEW YORK, USA, NY: ELSEVIER SCIENCE INC -Boca Raton, Fla.: CRC Press., 2013.
- [19] Alberto Pivato, Stefano Vanin, Luca Palmeri, Alberto Barausse, G. Mangione, M. Rasera, and G. Monego. The biopotentiality as environmental compensation index for a composting plant. *WASTE MANAGEMENT*, 33:1607–1615, 2013.
- [20] Ranzato Laura, Alberto Barausse, Mantovani Alice, Pittarello Alberto, Benzo Maurizio, and Luca Palmeri. A comparison of methods for the assessment of odor impacts on air quality: field inspection (vdi 3940) and the air dispersion model calpuff. *ATMOSPHERIC ENVIRONMENT*, 61:570–579, 2012.
- [21] L. A. Salcido Guevara, F. Arreguín Sánchez, Luca Palmeri, and Alberto Barausse. Metabolic scaling regularity in aquatic ecosystems.. *OCEANIDES*, 2012.
- [22] A. Mantovani, Luca Palmeri, and R. Artoni. Air quality impact assessment of an incineration plant by means of the calpuff model. a sensitivity analysis based on what-if emission scenarios. In *Sardinia symposium 2011*, , , 2011.
- [23] Giovanni Carrer, M. Bonato, D. Smania, Alberto Barausse, Carla Comis, and Luca Palmeri. Beneficial effects on water management of simple hydraulic structures in wetland systems: the vallevicchia case study, italy. *WATER SCIENCE AND TECHNOLOGY*, 64:220–227, 2011.
- [24] Alberto Barausse, A. Michieli, Emilio Riginella, Luca Palmeri, and Carlotta Mazzoldi. Long-term changes in community composition and life-history traits in a highly exploited basin (northern adriatic sea): the role of environment and anthropogenic pressures. *JOURNAL OF FISH BIOLOGY*, 79:1453–1486, 2011.
- [25] A. Barausse, A. Michieli, E. Riginella, L. PALMERI, and C. Mazzoldi. Long-term changes of community composition and life-history traits in a high exploited basin (northern adriatic sea): the role of environment and anthropogenic pressures. In *Fish diversity and conservation: current state of knowledge*, , , 2011.
- [26] A. Barausse, Carlotta Mazzoldi, and Luca Palmeri. When preys become predators: unexpected effects of eutrophication on pelagic fish.. In *Ecological hierarchy from the genes to the biosphere*, , , 2011.
- [27] Luca Palmeri, D. Smania G. M. Carrer, and Carla Comis. Il monitoraggio e la gestione delle acque aziendali a valle vecchia di caorle - rapporto delle attività'2009. 2010.
- [28] Luca Palmeri and Carla Comis. Monitoraggio delle cave di salzano2009 – 2010rapporto intermedio delle attività'. 2010.
- [29] Luca Palmeri, Y Artioli, and G. M. Carrer. Protocollo sperimentale per misure di tracciante per la stima dei tempi di residenza nell'area umida di ca' di mezzo. 2010.
- [30] CARRER G. M, D Smania, Alberto Barausse, Carla Comis, and Luca Palmeri. Sea, agriculture and water quality: the case study of vallevicchia (caorle, venice, italy).. In *Proceedings of the 12th international conference on wetland systems for water pollution control. venice (italy), 4-9 october 2010*, , , 2010.
- [31] A. MANTOVANI, A. PITTARELLO, M. BENZO, L. PALMERI, and L. RANZATO. Valutazione dell'impatto odorigeno di un impianto di digestione anaerobica: confronto tra una tecnica sensoriale (odour field inspection) e un modello di dispersione in atmosfera (calpuff). *IA. INGEGNERIA AMBIENTALE*, 2010.
- [32] Luca Palmeri, D Smania, CARRER G. M, and Carla Comis. Il monitoraggio della qualità delle acque di vallevicchia; rapporto delle attività (gennaio 2003 - dicembre 2008) - veneto agricoltura.. 2009.

- [33] Luca Palmeri, CARRER G. M, and Carla Comis. Monitoraggio delle acque superficiali nei canali consortili: rapporto finale delle attivita' (periodo gennaio 2006- giugno 2008) - consorzio di bonifica dese sile. 2009.
- [34] Alberto Barausse, A Duci, Carlotta Mazzoldi, Yuri Artioli, and Luca Palmeri. Trophic network model of the northern adriatic sea: analysis of an exploited and eutrophic ecosystem. *ESTUARINE, COASTAL AND SHELF SCIENCE*, 83:577–590, 2009.
- [35] Luca Palmeri. Ecological processes. in encyclopedia of ecology. 2008.
- [36] Yuri Artioli, J Friedrich, GILBERT A. J, A MCQUATTERS GOLLOP, MEE L. D, VERMAAT J. E, F Wulff, C Humborg, Luca Palmeri, and F. Pollehne. Nutrient budgets for european seas: a measure of the effectiveness of nutrient reduction policies. *MARINE POLLUTION BULLETIN*, 56 (9):1609–1617, 2008.
- [37] Luca Palmeri, Y Artioli, R Artoni, and E. Fabris. Screening degli impatti del progetto di stabilimento di produzione vetro float nell'a.i.a. di adria-loreo (ro) sulla componente ambientale atmosfera. 2008.
- [38] Luca Palmeri and Y. Artioli. Valutazione della dispersione atmosferica di idrocarburi dal sito contaminato della area ex-ip - la spezia. 2008.
- [39] Y ARTIOLI, L. PALMERI, and LOWE C. D. Eutrophication in the adriatic sea: past trends and future scenarios. In *6Th european conference on ecological modelling*, , , 2007.
- [40] A BARAUSSE, Y ARTIOLI, L PALMERI, A DUCI, and C. MAZZOLDI. Northern adriatic sea ecosystem model: trophic network analysis, time simulation and spatial dynamics.. In *In: 6th european conference on ecological modelling. trieste, 27-30 november 2007*, , , 2007.
- [41] Alberto Barausse, A Duci, Carlotta Mazzoldi, Y Artioli, and Luca Palmeri. Northern adriatic sea mass-balance model: trophic structure of a highly-fished and eutrophic ecosystem. In *In: 42nd european marine biology symposium. kiel - germany, 27-31 august 2007*, , , 2007.
- [42] A Zangaglia, CARRER G. M, Luca Palmeri, and Y. Artioli. Residence times and nutrient abatement efficiency estimation in the constructed wetland of ca' di mezzo. In *Proceedings*, , , 2007.
- [43] Alberto Barausse, A Duci, Carlotta Mazzoldi, Y Artioli, and Luca Palmeri. *Trophic model of the northern adriatic sea, an eutrophic and highly exploited ecosystem*, volume 15(6). Fisheries Centre, University of British Columbia, VANCOUVER, 2007.
- [44] Y ARTIOLI and L. PALMERI. Long-term trend of eutrophication in the adriatic sea. In , , , 2006.
- [45] L Calligaro, CARRER G. M, A Zangaglia, and Luca Palmeri. Monitoraggio dell'area umida di castelnovo bariano (ro): rapporto finale delle attivita' (periodo aprile 2005 - dicembre 2005) - consorzio di bonifica padana polesana. 2006.
- [46] L CALLIGARO, CARRER G. M, C. COMIS, and L PALMERI. Monitoraggio delle acque superficiali nei canali consortili: rapporto intermedio delle attivita' (periodo gennaio 2006 – giugno 2006) - consorzio di bonifica dese sile.. 2006.
- [47] Y ARTIOLI and L. PALMERI. Nutrient budgets for policy advise in the adriatic sea. In , , , 2006.
- [48] Y ARTIOLI and L. PALMERI. Trends in eutrophication causal chain in the adriatic sea. In , , , 2006.
- [49] Luca Palmeri, CARRER G. M, Y Artioli, and A. Zangaglia. Valutazione degli interventi di riqualificazione dell'area umida di castelnovo bariano (ro). In *Atti*, , , 2006.
- [50] Y Artioli, G Bendoricchio, and Luca Palmeri. Defining and modelling the coastal zone affected by the po river (italy). *ECOLOGICAL MODELLING*, 184:55–68, 2005.
- [51] S MARSILI LIBELLI, Luca Palmeri, and Se Jorgensen. Giuseppe bendoricchio. *ECOLOGICAL MODELLING*, 184:1–3, 2005.
- [52] Luca Palmeri, G Bendoricchio, and Y. Artioli. Modelling nutrient emissions from river systems and loads to the coastal zone: po river case study, italy. *ECOLOGICAL MODELLING*, 184:37–53, 2005.
- [53] G Bendoricchio and Luca Palmeri. Quo vadis ecosystem?. *ECOLOGICAL MODELLING*, 184:5–17, 2005.
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- [55] Y. Artioli, E. Albrigi, and Luca Palmeri. A water quality model as tool for the evaluation of the limiting nutrient. In , , , 2004.
- [56] Luca Palmeri. Extensive and intensive cost/benefit thermodynamic indicators for the study of the development of trophic networks: application to the lagoon of venice food web. In , , , 2004.

- [57] Luca Palmeri and G. Artioli. Nutrient emissions from river systems to coastal areas. a model application to the po river (italy). In , , , 2004.
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- [59] G. Bendoricchio, Luca Palmeri, and Y. Artioli. Definition and characterization of the coastal zone affected by the po river. In , , , 2003.
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- [61] M Trepel and Luca Palmeri. Quantifying nitrogen retention in surface flow wetlands for environmental planning at the landscape-scale. *ECOLOGICAL ENGINEERING*, 19:127–140, 2002.
- [62] O. Barbanente, Luca Palmeri, F. Ragusa, and TANDUO I.. Il sistema informativo del bacino scolante in laguna di venezia. 2001.
- [63] M. Trepel, M. Dallo, L. DAL CIN, M. Dewit, S. Opitz, Luca Palmeri, J. Persson, N. M. Pieterse, T. Timmermann, G. Bendoricchio, W. Kluge, and S. E. Jorgensen. *Models for wetland planning, design and management*, volume 8. , Kiel (GERMANY), 2000.
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