

MODELLO EUROPEO PER IL CURRICULUM VITAE



INFORMAZIONI PERSONALI

Nome	MARCO ABBIATI
Indirizzo	AMBASCIATA D' ITALIA IN HANOI, 9, LE PHUNG HIEU, HOAN KIEM, HANOI, REPUBBLICA SOCIALISTA DEL VIETNAM
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Nazionalità	Italiana
Data di nascita	22 AGOSTO 1958

ESPERIENZA LAVORATIVA

- Date (da – a) **13 GIUGNO 2020**
 - Nome dell'azienda e città Ministero degli Affari Esteri e della Cooperazione Internazionale
 - Tipo di società/ settore di attività Ambasciata d'Italia in Hanoi
 - Posizione lavorativa Addetto Scientifico
- Principali mansioni e responsabilità Promozione della collaborazione scientifica e tecnologica Italia Vietnam

- Date **1 NOVEMBRE 2002**
 - Nome dell'azienda e città Ministero dell'Istruzione, Università e Ricerca
 - Tipo di società/ settore di attività Alma Mater Studiorum – Università di Bologna
 - Posizione lavorativa Professore Ordinario
- Principali mansioni e responsabilità Docente di Ecologia

- Date **1 NOVEMBRE 1998**
 - Nome dell'azienda e città Ministero dell'Istruzione, Università e Ricerca
 - Tipo di società/ settore di attività Alma Mater Studiorum – Università di Bologna
 - Posizione lavorativa Professore Associato
- Principali mansioni e responsabilità Docente di Ecologia

- Date **1 GENNAIO 1991**
 - Nome dell'azienda e città Ministero dell'Istruzione, Università e Ricerca
 - Tipo di società/ settore di attività Università degli Studi di Pisa
 - Posizione lavorativa Tecnico Laureato
- Principali mansioni e responsabilità Responsabile del laboratorio di Ecologia Molecolare

- Date **MAGGIO 1984 – NOVEMBRE 1985**
 - Nome dell'azienda e città Ministero della Difesa
 - Tipo di società/ settore di attività Marina Militare
 - Posizione lavorativa Sottufficiale di complemento

- Principali mansioni e responsabilità Servizio sanità

ISTRUZIONE E FORMAZIONE

- Date 2001-2002
- Nome e tipo di istituto di istruzione o formazione Scuola di Direzione Aziendale, Università Commerciale Luigi Bocconi, Milano
- Principali studi / abilità professionali oggetto dello studio Corso di Specializzazione in Competenze di Management
 - Qualifica o certificato conseguita Diploma di Specializzazione
- Eventuali livelli nella classificazione nazionale (se pertinente)

- Date (dal – al o attualmente se si tratta del proprio impiego corrente) AA 1985/86 - 1988/89
- Nome e tipo di istituto di istruzione o formazione Università degli Studi di Genova – coordinatore del consorzio
- Principali studi / abilità professionali oggetto dello studio Dottorato di Ricerca in Scienze Ambientali (Scienza del Mare)
 - Qualifica o certificato conseguita Dottore di Ricerca
- Eventuali livelli nella classificazione nazionale (se pertinente)

- Date (dal – al o attualmente se si tratta del proprio impiego corrente) AA 1977/78 -1982/83
- Nome e tipo di istituto di istruzione o formazione Università degli Studi di Pisa
- Principali studi / abilità professionali oggetto dello studio Laura in Scienze Biologiche
 - Qualifica o certificato conseguita Laurea
- Eventuali livelli nella classificazione nazionale (se pertinente)

- Date (dal – al o attualmente se si tratta del proprio impiego corrente) 1970 - 1976
- Nome e tipo di istituto di istruzione o formazione Liceo Russo presso l'Ambasciata dell'URSS in Praga
- Principali studi / abilità professionali oggetto dello studio Liceo scientifico equivalente
 - Qualifica o certificato conseguita Maturità scientifica
- Eventuali livelli nella classificazione nazionale (se pertinente)

CAPACITÀ E COMPETENZE PERSONALI

MADRELINGUA ITALIANO

ALTRE LINGUE

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

INGLESE

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ALTRE LINGUE

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

Russo

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CAPACITÀ E COMPETENZE RELAZIONALI

ESPERIENZE DI COORDINAMENTO DI GRUPPI DI LAVORO NELL'AMBITO DI PROGETTI DI RICERCA NAZIONALI ED INTERNAZIONALI, INTERAZIONE CON AZIENDE A LIVELLO NAZIONALE E INTERNAZIONALE PER LO SVILUPPO DI PROGETTI DI INNOVAZIONE TECNOLOGICA. ATTIVITÀ DI LAVORO ALL'ESTERO IN DIVERSI PAESI CON OTTIME CAPACITÀ DI INSERIMENTO NEL CONTESTO LOCALE E DI INTEGRAZIONE NEI GRUPPI DI LAVORO CUI CONTRIBUISCE CON UN APPORTO PERSONALE. BUONE CAPACITÀ RELAZIONALI, DI MEDIAZIONE E DI COORDINAMENTO

CAPACITÀ E COMPETENZE ORGANIZZATIVE

COORDINAMENTO E GESTIONE DI GRUPPI DI RICERCA. COORDINAMENTO E GESTIONE DI PROGETTI DI RICERCA NAZIONALI ED INTERNAZIONALI. TRASFERIMENTO TECNOLOGICO VERSO LE IMPRESE. PARTECIPAZIONE, DIREZIONE E COORDINAMENTO DI ORGANI ACCADEMICI, COMMISSIONI DI RICERCA E DI DIDATTICA. PARTECIPAZIONE A DELEGAZIONI NAZIONALI IN ORGANI SOVRANAZIONALI PER LA GESTIONE DELLE RISORSE AMBIENTALI.

CAPACITÀ E COMPETENZE TECNICHE

ESPERIENZA DI SOFTWARE PER ELABORAZIONE TESTI, PRESENTAZIONI, ARCHIVIO DATI, ANALISI DATI, RAPPRESENTAZIONE GRAFICA DEI DATI. ATTIVITÀ DI RICERCA AMBIENTALE IN CAMPO ED IN LABORATORIO. DIVULGAZIONE SCIENTIFICA. REDAZIONE DI ARTICOLI SCIENTIFICI, RELAZIONI TECNICHE PROGETTI DI RICERCA, ATTIVITÀ DIDATTICHE. DIVULGAZIONE E PROMOZIONE DELLA SCIENZA

CAPACITÀ E COMPETENZE ARTISTICHE

FOTOGRAFIA TERRESTRE E SUBACQUEA. INTERESSE VERSO IL CINEMA E LA LETTERATURA

ALTRE CAPACITÀ E COMPETENZE

ISTRUTTORE SUBACQUEO FIPSAS/CMAS **, BREVETTO DI RICERCATORE SCIENTIFICO SUBACQUEO, ATTIVITÀ DI SCI ALPINISMO, ESCURSIONISMO

PATENTE O PATENTI

Patente A e B, Patente Nautica

ULTERIORI INFORMAZIONI

ALLEGATI

- 1 – Esperienze professionali
- 2 – Pubblicazioni scientifiche in riviste censite da ISI WoS

Autorizzo il trattamento dei dati personali, secondo quanto previsto dalla Legge 196/03

Allegato 1 – Esperienze professionali

Work Experience

- 1989-1990 University of Oslo, Dept of Biology; Post-doctoral fellowship by the Italian Ministry of Foreign Affairs; main activities - Research in population genetics and community ecology
- 1991-1998 University of Pisa, Dept of Science of the Environment and Territory; Research manager; main activities - research in population genetics and community ecology, responsible for the Laboratory of evolutionary ecology; studies on management of coastal habitats and environmental impact assessment
- 1997, 1998 University of Sydney, Centre for Ecological Impacts of Coastal Cities; Visiting researcher for 4 months; main activities - Research in community ecology, development of collaborations in science and education
- 1998-2002 University of Bologna, Dept of Experimental Evolutionary Biology; Associate professor in Ecology; Main activities - Research in applied ecology and environmental quality assessment, including population ecology and genetics; responsible for the Lab of Experimental Ecology; Member of the Board of the Dept of Biology; Member of the Scientific Board of the PhD in Environmental Sciences
- 2002-2005 University of Bologna, Dept of Experimental Evolutionary Biology; Tenure track Full Professor in Ecology; main activities - Research in applied ecology and environmental quality assessment, including population ecology and genetics; Member of the Board for the quality assessment of the research; Member of the Scientific Board of the PhD in Environmental Sciences
- 2005-2017 University of Bologna, Dept of Experimental Evolutionary Biology (now Department of Biological, Geological and Environmental Sciences); Full Professor in Ecology; main activities - Research in applied ecology and environmental quality assessment, including population ecology and genetic; Member of the Board for the for the quality assessment of the research; 2008-2011 Founder and President of the Corso di Laurea Magistrale in Biologia Marina; Member of the Scientific Board of the PhD in Earth, Life and Environmental Sciences
- 2003, 2011 University of Maryland, Centre of Marine Biotechnology; short stay; main activities - scientific collaboration, promoting collaboration in educational programs
- 2006-2007 University of Adelaide, Southern Seas Ecology Laboratories; 3 months visiting scientist; main activities - Research in applied marine ecology and evolutionary ecology, promoting collaboration in educational programs, seminars
- 2011 Wesleyan University, Hearsh and Environmental Sciences Dept; 1 months visiting scientist; main activities - Scientific collaboration, writing manuscripts
- 2013 University of California Santa Cruz; 3 month visiting scientist; main activities - research in applied evolutionary ecology, promoting collaboration in educational programs, seminars
- 2017 Université Paris-Sorbonne, Pierre et Marie Curie, Observatoire Océanologique de Banyuls, visiting scientist; main activities - research in applied evolutionary ecology, promoting collaboration in educational programs, Member of the Scientific Advisory Board of the OOB

- 2018- Associate Editor of Marine Biodiversity Records BMC Journals
- 2018- University of Bologna, Department of Cultural Heritage; Full Professor in Ecology; main activities - Research in applied ecology and environmental quality assessment; promoting integration of natural and cultural heritage in landscape management; conservation of natural and cultural heritage; Member of the Board for the for the quality assessment of the research;
- 2018-2020 Member of the Scientific Board of the PhD in Cultural and Environmental Heritage
- 2018-2020 Deputy Director of the Department of Cultural Heritage, University of Bologna
- 2018 Armenia Republic, Yerevan, Ministry of Culture; negotiation and setting up of the ROCHEMP (Regional Office for Cultural Heritage Enhancement, Management and Protection) project supported by AICS, Italian Agency for Cooperation and Development and by the President of the Italian Republic
- 2018 Russian Academy of Science, Moscow, AN Severtzov Institute of Ecology and Evolution; visiting scientist, main activities development of collaboration research proposals
- 2020- Member of the Editorial Board of Diversity MDPI publisher

In 1998 I moved to the University of Bologna – Ravenna Campus where I have been teaching courses in Applied and Marine Ecology as well as field courses in Marine Biology and Environmental Sciences. I have supervised Master and PhD students. I have organised the new Laboratory of Experimental Ecology and promoted the ecological research at the University of Bologna. In 2000-2003 I have organised and directed the post-graduate Master in Integrated Coastal Zone Management supported by the Italian Ministry of Environment, the Regional Administration of Emilia Romagna and private companies. In 2006 I have organised the new Laurea Magistrale in Marine Biology, the course started in 2008 and is very successful, it is attracting students from all over Italy and from abroad. The Ecology research group is now well established, it includes 6 academic staff; 4 post-doc, including researchers from Italy, Malaysia, China; and PhD students. In January 2018 I moved to the Department of Cultural Heritage to develop new collaborations and to strengthen the integration between Natural and Cultural Heritage, in May 2018 I was designated deputy director of the Department. In 2018 I have established the PhD Course in Natural and Cultural Heritage of the University of Bologna. In December 2019 I have been appointed Science Attaché at the Embassy of Italy in Hanoi, where I took up the service on 13 June 2020. From 13 June 2020 I had a temporal leave form the University of Bologna, keeping the position of full professor.

Transfer of Technology Experience

- 2019 - ENI – Enhancement and implementation of new methodologies for the Evaluation of Major Risks to the sediment floor due to offshore oil and gas extraction
- 2016 - Trevi S.p.A. – Reliable and innovative technology for the realization of a sustainable MARINe And coastal seabed management PLAN
- 2015 - ERM – Impact assessment of accidental emission of methane from

- 2014 - offshore platforms on marine ecosystems
Sydney Institute of Marine Science (SIMS) – World Harbour Project: Water and sediment quality, Green engineering, Multiple uses and users, Education
- 2010 - Ministry of Environment – Member of the Italian delegation at CITES CoP15 in Doha (Consultant or marine species)
- 2009 - ENEL – Assessment of the impacts of the thermal discharge of power plants (Consultant)
- 2009 - ENI and TECNOMARE – Evaluating the ecological impact of the different option for the Decommissioning of off-shore platforms (Consultant)
- 2008 - Saipem SpA – Studying and monitoring environmental quality in coastal habitats, and biological and ecological features of the marine environment in relation to human impacts (Consultant)
- 2002 - 2008 ENI – Development of a ecosystem based approach for the impact assessment of the off shore platforms in the Adriatic Sea (Consultant)
- 1992-1993 Consortium for the Messina Strait (ENI) – Environmental Impact Assessment for the Messina strait crossing by a Submerged Floating Tunnel (SFT)

Organisational Skills and Competences

- 1986 - Organised the first training course in ‘Underwater scientific research’
- 1990 - Member of the Scientific Committee of the NGO Mareamico, for the protection and conservation of the sea, I have contributed in the organisation of the annual meetings Rassegna del Mare
- 1991 - Founded the International School for Scientific Diving at the University of Pisa, to date the ISSD is running Scientific Diving Courses; in 1997, I have organised the First Course-Seminar for the Instructors of European Scientific Divers (EU project under the Marine Science and Technology grant MAS3-CT96-6351)
- 1993-1995 Member of the Board of the Italian Society of Marine Biology, committee for the Management of the Coastal Zone
- 1996-2002 Italian representative in the Board of the Scientific Committee of the CMAS (Confederation Mondiale des Activités Subaquatiques – World Underwater Federation)
- 2001 In the framework of the Offshore Mediterranean Conference OMC 2001, I have organised an International workshop on the Decommissioning of the offshore structures
- 2000 - 2003 I have organised and directed the post-graduate Master in Integrated Coastal Zone Management (70 Credits), with the support of the Italian Ministry of Environment, the Regional Administration of Emilia Romagna and private companies. The course was structured in 10 modules, each led by specialists in the specific research field; I have invited 1 international expert to contribute to each of the 10 modules; I have directed the scientific organisation of the course, the coordination of the class, and of the field and stage activities
- 2003 Member of the Programme Committee of the Offshore Mediterranean Conference OMC 2003 on the theme Environment
- 2003-2006 Member of the Board of the Department of Evolutionary Experimental Biology of the University of Bologna
- 2004-2006 Member of the commission for the Monitoring of the Coastal

- Environment, in the framework of the scientific voluntary agreement between ENI SpA and the Municipality of Ravenna
- 2005 - 2012 Member of the Board of the Italian Ecological Society, I have been in charge for the communication and the publication of the Newsletters, and contributed to the organization of the annual congresses of the Society
- 2005 - 2017 Member of the Board for the quality assessment of the researchers of the CUN Committee 05 – Biological Sciences at the University of Bologna
- 2005 - 2015 Member of the Scientific Committee of the NGO Cerviamambiente
- 2008 – 2012 Head of the Master degree in Marine Biology. The master degree is organised in 2 years and awards 120 Credits; the registration to the Laurea Magistrale are constantly rising (from 28 in 2007 to about 50 in 2013); the Master degree course is attracting students from all over Italy and from the EU, under the Erasmus Mundus schemes
- 2008 - 2020 Principal investigator in the cooperation agreement with Saipem SpA for the monitoring environmental quality in coastal habitats, and biological and ecological features of the marine environment in relation to human impacts
- 2009 - 2020 Rector delegate in the Board of the "Consorzio Nazionale Interuniversitario per le Scienze del Mare" (National Interuniversity Consortium for Marine Sciences - CoNISMa), responsible for the Research Units of the University of Bologna, I have promoted the participation of the scientists of the University of Bologna in the research activities of the consortium
- 2009 - 2012 Member of the Board of the Polo Scientifico-Didattico di Ravenna, representing the Faculty of Science
- 2010 Member of the Delegation of the Italian Ministry of Environment at the CITES CoP15 in Doha, as expert in Marine Ecology and Biology I have supported the Italian positions concerning the listing in the Annex II of Cites of marine species of commercial interest
- 2013 - 2018 Member of the Board for the selection of the research proposals of the University of Bologna - CUN Committee 05 – Biological Sciences
- 2014 - 2018 Member of the board for the quality assessment of the research products in Biology of the University of Bologna
- 2015-2016 Head of the Master degree in Marine Biology
- 2016 - 2018 Head of Ravenna Research Unit of the Department of Biological, Geological and Environmental Sciences of the University of Bologna
- 2016 - 2018 Member of the Board of the Ravenna Campus of the University of Bologna, representing the Department of Biological, Geological and Environmental Sciences
- 2016 - 2019 Rector delegate in the Board of the "Life Watch Joint Research Unit" for University of Bologna, I have promoted the participation of the scientists of the University of Bologna in the research activities of the project
- 2017 - Member of the Scientific Advisory Board of the Observatoire Océanologique de Banyuls, Université Paris-Sorbonne, Pierre et Marie Curie
- 2018 - 2020 Deputy Director of the Department of Cultural Heritage, University of Bologna
- 2018 - 2021 Appointed in the National Committee for the Abilitazione Scientifica Nazionale of Associate and Full Professors in ecology
- 2018 - 2020 member of the Italian delegation of the University of Bologna/Italian Agency for Cooperation and Development (AICS) in the Armenia Republic, to set up the collaboration with the Ministry of Culture of

Armenia for the establishment of the ROCHEMP (Regional Office for Cultural Heritage Enhancement, Management and Protection), that has been inaugurated in July 2018 by the President of Italian Republic Sergio Mattarella

2020 - Science Attaché at the Embassy of Italy in Hanoi, Vietnam

Project coordination/participation

Coordinator of several research projects founded by the EU ("Oxic-anoxic interfaces as productive sites" MAS2-CT93-0058; First Course-Seminar for the Instructors of European Scientific Divers grant MAS3-CT96-6351; DELOS - "Environmental Design of Low Crested Coastal Defence Structures", contract EVK3-CT-2000-00041, EUMAR - "European Marine Genetic Biodiversity", contract EVK3-CT-2001-00048, Theseus - "Innovative technologies for safer European coasts in a changing climate", FP7-THEME 6 - Grant 244104; "Reliable and innovative technology for the realization of a sustainable MARINE And coastal seabed management PLAN" *LIFE 2017 MARINAPLAN PLUS* (Grant LIFE15 ENV/IT/000391); "Solutions for sEmi-Automated Monitoring of Benthic Biodiversity", SEAMoBB, MarTERA Cofund ID 145; "Tecnologie per il monitoraggio costiero", TAO, POR-FESR Emilia Romagna 2014-2020, Ricerca e innovazione; "Management and sustainable development of protected transitional waters" TWReferenceNet, "Ecological foundations for the governance of the Adriatic coastal space: ecology, monitoring and management of transitional aquatic ecosystems" EcoGovernance - INTEREG IIIB; CADSES, "Training Network for Monitoring Mediterranean Marine Protected Areas (MMMPA) Marie Curie-FP7-PEOPLE-ITN - etc.); Italian Ministries (Artificial Marine Structures – AMS- Multifunctional Tool for Research and Environmental Management in the Mediterranean and Red Sea", PRIN, Progetti di Ricerca di Interesse nazionale: 1999, 2002, 2011, 2015 etc.) and industries (BIOMARE - Sviluppo di una metodologia di monitoraggio delle strutture off-shore in alto Adriatico; BIODIVERSITÀ - Approccio metodologico alla caratterizzazione della biodiversità ed al monitoraggio del ruolo ecosistemico di piattaforme in ambiente offshore, funded by ENI SpA; Evaluating the Ecological impact of the different option for the Decommissioning of the off-shore platforms, in collaboration with ENI and TECNOMARE; Studying and monitoring environmental quality in coastal habitats – SNAMPROGETTI/SAIPEM/ERM; Monitoring the impact of the thermal effluents of Power Plants, funded by ENEL); Sviluppo dei criteri per la valutazione dei grandi rischi per il benthos associate ad eventi accidentali in piattaforme offshore, ENI SpA.

Activity as editor and reviewer

Marine Biodiversity Records BMC Journal - Associate Editor for the Mediterranean Sea
Reviewer for the Research Projects of National Interest (PRIN) by the Italian Ministry of Education, University and Research

Referee for the examination of a Thesis for the Degree of Doctor of Philosophy on behalf of the Universities of Ancona, Lecce, Parma, Pisa, Urbino, as well as Universities of Tel Aviv, Marseilles, Madrid, Tunis

Peer reviewer for the evaluation of the scientific production of the Italian research under the CTR CIVR 2004-2005 and VQR 2004-2010.

Reviewer for the projects of the Programma per Giovani Ricercatori "Rita Levi Montalcini" by the Italian Ministry of Education, University and Research

I have acted as Expert for the EU project evaluation in area of the Sustainable Marine Ecosystems and Support for Research Infrastructures (MAST 2 1993; FP5, 2002, 2003; Interreg 2005, 2008; Quality of life and management of living resources - 1999; Sustainable Marine Ecosystem, Energy Environment and Sustainable Development – 2001; Sustainable Marine Ecosystems and Support for Research Infrastructures 1999-2001)

Referee for the evaluation of a research proposal on behalf of several Italian and European Universities, the Italian Ministry of University and Research and the Israel Science Foundation.

Member of the editorial board of the journals: ISRN Ecology, Environment, Ecology & Management.

Reviewer for several international journals, including Aquatic Conservation, Biological Conservation, BMC Ecology, Chemistry and Ecology, Conservation Biology, Coral Reefs, Diseases of Aquatic Organisms, Ecological Indicators, Environmental Pollution, Estuarine Coastal and Shelf Science, Genetica, Hydrobiologia, Invertebrate Zoology, Journal of Experimental Marine Biology and Ecology, Journal of the Marine Biological Association of the UK, Marine Biology, Marine Ecology – an Evolutionary Perspective, Marine Ecology Progress Series, Molecular Ecology, Proceedings of the Royal Society ser. B, Science of the Total Environment, Scientia Marina, and Water Air and Soil Pollution

Technical Skills and Competences

I have been teaching courses on Sustainable Development, Circular Economy, Applied Ecology, Marine Ecology, Ecological Methods for EIA e Interdisciplinary Marine Laboratory, Marine Habitats: Threats and Conservation, Scientific Diving Methods, Economic Development and Alteration of the Ecological Processes, Field Course in Marine Biology. I am member of the Board of the PhD Course in Natural and Cultural Heritage. I have contributed to several national and international research projects, with involvement in management and co-ordination. The projects were dealing with the sustainable development of coastal areas, conservation and management of coastal and transitional waters habitats. Projects dealing with conservation genetics in coastal species and habitats have been carried on in an international partnership.

Author of more than 100 scientific papers on peer reviewed journals; I have presented my researches at numerous scientific conferences and meetings. My research deals with the ecology of coastal habitats, focussing on processes affecting the spatial and temporal organisation of faunal assemblages; genetic structure, connectivity and the adaptive strategies of populations of marine invertebrates to natural and human environmental stressors. I have been also studying the management of coastal areas with the goal of combining coastal development with the conservation and enhancement of the environmental quality. In my scientific activities I have always promoted the integration between basic and applied research to favour the implementation of the new methodologies and technologies in the industrial processes and environmental sustainability. Particularly interesting are the results of the studies on the impact of artificial structure on coastal ecosystems and the possible role they can play as corridors for the spread of local and invasive exotic populations along the developed shores. This research has a relevant applied aspect, considering that coastal ecosystems are under threat worldwide and different types of artificial structures are used to prevent coastal erosion and habitat lost. Studies on estuarine and transitional habitats where dealing with the impact of anthropogenic disturbance

on the organisation of the assemblages and genetic structuring of benthic invertebrates. I have been analysing trade-off between environmental conservation and exploitation of the natural resources, in the framework of the application of the EU Directives (e.g. Water Framework and Marine Strategy). Molecular tools have been applied also to investigate connectivity and conservation of marine invertebrates. Studies on population structure, dynamics and genetics of *Corallium rubrum*, the precious red coral par excellence, were valuable to develop a strategy for the conservation of this species, which is a Mediterranean endemism. Red coral has been exploited for thousands of years and recently a major international debate involved this species. Several countries proposed the inclusion of red coral in the Annex II of CITES, however, up to now, no evidences that the species is under risk of extinction have been provided. As member of the Italian delegation I participated in the Doha CoP15 to support the Italian Government in the debate on management of commercial marine species.

Since 2007 I am collaborating on a regular basis with SAIPEM, as a scientific consultant for projects dealing with marine and coastal environment, management of the coastal development, environmental impact and ecological risk assessment.

I have experience of using Microsoft Office tools, Statistical Software packages. My background includes planning of fieldwork and experimental design, Environmental Impact assessment and Ecological Risk Assessment, Sustainable development strategies, interpretation of ecological data referring to specie assemblages and to population genetic structure. I am an experienced Scientific Diver with many hundreds of hours of underwater research work.

Social Skills and Competences

During my working career I have been living abroad for extended periods. I spent 5 years in Prague during the high school. I have been living independently in Pisa as graduate student. I served as a petty officer in the Navy for 18 months. During the PhD I have been living in Pisa, and I spent research periods in Genoa, Parma, La Spezia, Siena, Firenze. As a post-doc I spent one year in Norway (Oslo and Bergen), and extended research periods in Russia (Moscow, Odessa), UK (Plymouth), Australia (Sydney) USA (California). As a senior Scientist I have been visiting Australia (Adelaide), Sweden (Tjarno), USA (Santa Cruz, Baltimore, Middletown). I have been always appreciating the cultural and attitudinal diversity of each country and enjoyed sharing the different approaches and life style of the people. Wherever I have been living, after a settling period I have been able to integrate in the local communities, to work effectively and to enjoy the free time.

Major collaboration

Biology Institute, University of Oslo, Norway

Centre d'Estudis Avancats de Blanes (CEAB-CSIC), Girona, Catalunya, Spagna

Centre of Marine Biotechnology, University of Maryland, Baltimore, USA

Departamento de Biología Marina, Institut de Ciències del Mar (CSIC), Barcelona, Spain

Department of Zoology, George S. Wise Faculty of Life Science, Tel Aviv University, Israel

Dipartimento di Biologia, Università di Pisa, Italy

Dipartimento di Scienze della Vita e dell'Ambiente, Università Politecnica delle

Marche

Dipartimento di Scienze e Tecnologie Biologiche e Ambientali, Università del Salento, Italy

Long Marine Laboratory, University of California Santa Cruz, USA

Laboratory of Morphology and Ecology of Marine Invertebrates, Russian Academy of Sciences, Moscow

Marine Biological Association of the United Kingdom, Plymouth, UK

Allegato 2 – Pubblicazioni scientifiche in riviste censite da ISI WoS

I have published 81 papers in ISI WoS referred journals, I have 2303 citations with a Hindex = 30 (source ISI WoS, June 2020)

Publications in ISI Journals

- Turicchia E, **Abbiati M**, Ponti M, 2020. Mediterranean gorgonians fighting. *Marine Biodiversity*, DOI: 10.1007/s12526-020-01064-w
- Mikac B, Semprucci F, Guidi L, Balsamo M, Ponti M, **Abbiati M**, Dovgal I, 2020. Newly discovered associations between peritrich ciliates (Ciliophora, Peritrichia) and scale polychaetes (Anelida: Polynoidae and Sigalionidae) with a review of polychaete – peritrich epibiosis. *Zoological Journal of the Linnean Society*, 188: 939-953
- Pellegrini M, **Abbiati M**, Bianchini A, Colangelo M, Guzzini A, Mikac B, Ponti M, Preda G, Sacconi C, Willemsen A, 2020. Sustainable sediment management in coastal infrastructures through an innovative technology: preliminary results of the MARINAPLAN PLUS LIFE project. *Journal of Soils and Sediments*, DOI: 10.1007/s11368-019-02546-6
- Bertuccio V, Costantini F, Angelini V, Furi G, Gobic K, **Abbiati M**, 2019. Haplotype stock composition and biometric characterization of loggerhead turtles in the Adriatic foraging ground. *Journal of Sea Research*, 147: 1-9
- Boscari E, **Abbiati M**, Badalamenti F, Bavestrello G, Benedetti-Cecchi L, Cannas R, Cau A, Cerrano C, Chimienti G, Costantini F, Frascchetti S, Ingrosso G, Marino IAM, Mastrototaro F, Papetti C, Ponti M, Zane L, Congiu L, 2019. A population genomics insight by 2b-RAD reveals populations' uniqueness along the Italian coastline in *Leptopsammia pruvoti* (Scleractinia, Dendrophylliidae). *Diversity and Distribution*, 25:1101-1117
- Desiderato A, Costa FO, Serejo CS, **Abbiati M**, Queiroga H, Vieira PE, 2019. Macaronesian islands as promoters of diversification in amphipods: the remarkable case of the family Hyalidae (Crustacea, Amphipoda). *Zoologica Scripta*, 48: 359-375
- Paletta MG, Grinyó J, Gili JM, Díaz D, Muñoz A, Garrabou J, **Abbiati M**, Ledoux JB, Costantini F, 2019. Exploring the genetic diversity and the population structure of the mesophotic *Paramuricea macrospina* in the Menorca Channel. *Estuarine Coastal and Shelf Science*, 219: 444-452
- Turicchia E, **Abbiati M**, Ponti M, 2018. Mass mortality hits gorgonian forests at Montecristo Island. *Diseases of Aquatic Organisms*, 131: 79-85
- Ingrosso G, **Abbiati M**, Badalamenti F, Bavestrello G, Belmonte G, Cannas R, Benedetti-Cecchi L, Bertolino M, Bevilacqua S, Bianchi CN, Bo M, Boscari E, Cardone F, Cattaneo-Vietti R, Cau A, Cerrano C, Chemello R, Chimienti G, Congiu L, Corriero G, Costantini F, De Leo F, Donnarumma L, Falace A, Frascchetti S, Giangrande A, Gravina MF, Guarnieri G, Mastrototaro F, Milazzo M, Morri C, Musco L, Pezzolesi L, Piraino S, Prada F, Ponti M, Rindi F, Russo GF, Sandulli R, Villamor A, Zane L, Boero F, 2018. Mediterranean Bioconstructions Along the Italian Coast. *Advances in Marine Biology*, 79: 61-136
- Costantini F, Ferrario F, **Abbiati M**, 2018. Chasing genetic structure in coralligenous reef invertebrates: patterns, criticalities and conservation issues". *Scientific Reports*, 8: 5844, DOI: 10.1038/s41598-018-24247-9
- Ponti M, Turicchia E, Ferro F, Cerrano C, **Abbiati M**, 2018. The understory of gorgonian forests in mesophotic temperate reefs. *Aquatic Conservation-Marine and Freshwater Ecosystems*, 28: 1153-1166.
- Costantini F, Rugiu L, Cerrano C, **Abbiati M**, 2018. Living upside down: patterns of red coral settlement in a cave *PeerJ*, DOI: 10.7717/peerj.4649
- Villamor A, Costantini F, **Abbiati M**, 2018. Multilocus phylogeography of *Patella caerulea* reveals differential connectivity patterns across the Eastern-Western Mediterranean transition. *Journal of Biogeography*, 6: 1301-1312
- Padron M, Costantini F, Bramanti L, Guizien K, **Abbiati M**, 2018. Genetic connectivity supports recovery of gorgonian populations impacted by climate change. *Aquatic*

Conservation-Marine and Freshwater Ecosystems, 28: 776-787

- Samori C, Costantini F, Galletti P, Tagliavini E, **Abbiati M**, 2018. Inter- and intraspecific variability of nitrogenated compounds in gorgonian corals via application of a fast one-step analytical protocol. *Chemistry and Biodiversity*, 15, e1700449
- Ponti M, Castellini A, Ragazzoni A, Gamba E, Ceccherelli VU, **Abbiati M**, 2017. Decline of the Manila clams stock in the northern Adriatic lagoons: a survey on ecological and socio-economic aspects. *Acta Adriatica* 58: 89-104
- Jaziri S, Costantini F, Rugiu L, **Abbiati M**, Jarboui O, 2017. Does historical harvesting affect colony size distribution and genetic diversity in *Corallium rubrum* (Linnaeus, 1758)? Evidences from the Southern Mediterranean commercial banks. *Hydrobiologia*, 784: 211-224
- Airoldi L, Ponti M, **Abbiati M**, 2016. Conservation challenges in human dominated seascapes: The harbour and coast of Ravenna. *Regional Studies in Marine Science*, 8: 308-318
- Costantini F, Gori A, Lopez-González P, Bramanti L, Rossi S, Gili J-M, **Abbiati M**, 2016. Limited genetic connectivity between Gorgonian morphotypes along a depth gradient. *PLoSOne* 11 (8): e0160678. DOI: 10.1371/journal.pone.0160678
- Costantini F, **Abbiati M**, 2016. Into the depth of population genetics: patterns of structuring in mesophotic red coral populations *Coral Reefs*, 35: 39-52
- Fava F, Ponti M, **Abbiati M**, 2016. Role of recruitment processes in structuring coralligenous benthic assemblages in the Northern Adriatic continental shelf. *PLoSOne* 11 (10): e0163494. DOI: 10.1371/journal.pone.0163494
- Ponti M, Fava F, Perlini RA, Giovanardi O, **Abbiati M**, 2015. Benthic assemblages on artificial reefs in the northwestern Adriatic Sea: Does structure type and age matter? *Marine Environmental Research* 104: 10-19
- Firth, LB; Thompson, RC; Bohn, K; **Abbiati, M**; Airoldi, L; Bouma, TJ; Bozzeda, F; Ceccherelli, VU; Colangelo, MA; Evans, A; Ferrario, F; Hanley, ME; Hinz, H; Hoggart, SPG; Jackson, JE; Moore, P; Morgan, EH; Perkol-Finkel, S; Skov, MW; Strain, EM; van Belzen, J; Hawkins, SJ, 2014. Between a rock and a hard place: Environmental and engineering considerations when designing coastal defence structures, *Coastal Engineering*, 87: 122-135
- Villamor A, Costantini F, **Abbiati M**, 2014. Connectivity patterns across biogeographic boundaries in the sea: evidence from genetic structure of seven invertebrate species. *PLoSOne* 9 (7): e101135. DOI: 10.1371/journal.pone.0101135
- Ponti M, Perlini RA, Ventra V, Grech D, **Abbiati M**, et al., 2014. Ecological Shifts in Mediterranean Coralligenous Assemblages Related to Gorgonian Forest Loss. *PLoSOne* 9 (7): e102782. DOI: 10.1371/journal.pone.010278
- Marti-Puig P, Costantini F, Rugiu L, Ponti M, **Abbiati M**, 2013. Conservation of temperate reefs: genetic connectivity and effectiveness of MPA network. *Advances in Oceanography and Limnology*, 4: 138-149
- Costantini F, Carlesi L, **Abbiati M**, 2013. Quantifying spatial genetic structuring in mesophotic populations of the precious coral *Corallium rubrum*. *PlosOne* 8 (4): e61546. DOI: 10.1371/journal.pone.0061546
- Fauvelot, C, Costantini F, Virgilio M, **Abbiati M**, 2012. Do artificial structures alter marine invertebrate genetic makeup? *Marine Biology*, 159: 2797-2807
- Costantini F, Rossi S, Pintus E, Cerrano C, Gili JM, **Abbiati M**, 2011. Low connectivity and declining genetic variability along a depth gradient in *Corallium rubrum* populations. *Coral Reefs*, 30: 991-1003
- Ponti M., Fava F., **Abbiati M.**, 2011. Spatial-temporal variability of epibenthic assemblages on subtidal biogenic reefs in the northern Adriatic Sea. *Marine Biology* 158 (7): 1447-1459.
- Ponti M., Casselli C., **Abbiati M.**, 2011. Anthropogenic disturbance and spatial heterogeneity of macrobenthic invertebrate assemblages in coastal lagoons: the study case of Pialassa Baiona (northern Adriatic Sea). *Helgoland Marine Research* 65 (1): 25-42.
- Costantini F, Taviani M, Remia A, Pintus E, Shembri PJ, **Abbiati M** 2010. Live colonies of *Corallium rubrum* from the Mediterranean deep-sea: a preliminary genetic

- characterisation. *Marine Ecology – An evolutionary perspective*, 31: 261-269
- Abbiati M.**, Mistri M., Bartoli M., Ceccherelli V.U., Colangelo M.A., Ferrari C.R., Giordani G., Munari C., Nizzoli D., Ponti M., Rossi R., Viaroli P., 2010. Trade-off between conservation and exploitation of the transitional water ecosystems of the northern Adriatic Sea. *Chemistry and Ecology* 26: 105-119.
- Bertasi F, Colangelo MA, Colosio F, Gregorio G, **Abbiati M**, Ceccherelli VU, 2009. Comparing efficacy of different taxonomic resolutions and surrogates in detecting changes in soft bottom assemblages due to coastal defence structures. *Marine Pollution Bulletin* 58: 686-694.
- Fauvelot C, Bertozzi F, Costantini F, Airoidi L, **Abbiati M** 2009. Lower genetic diversity in the limpet *Patella caerulea* on urban coastal structures compared to natural rocky habitats. *Marine Biology*, 141: 773-788
- Ponti M, Pasteris A, Guerra R, **Abbiati M** 2009 Impacts of maintenance channel dredging in a Northern Adriatic coastal lagoon. II: effects on macrobenthic assemblages in channels and ponds. *Estuarine Coastal and Shelf Science*, 865: 143-150
- Virgilio M, Fauvelot C, Costantini F, **Abbiati M**, Bäckeljau T, 2009. Phylogeography of the common ragworm *Hediste diversicolor* (Polychaeta: Nereididae) reveals cryptic diversity and multiple colonization events across its distribution. *Molecular Ecology* 18: 1980-1994
- Fontana G, Ugland KI, Gray JS, Willis TJ, **Abbiati M**, 2008. Influence of rare species on beta diversity estimates in marine benthic assemblages *Journal of Experimental Marine Biology and Ecology*, 366: 104-108
- Sangiorgio F, Basset A, Pinna M, Sabetta L, **Abbiati M**, Ponti M, Minocci M, Orfanidis S, Nicolaidou A, Moncheva S, Trayanova A, Georgescu L, Dragan S, Beqiraj S, Koutsoubas D, Evagelopoulos A, Reizopoulou S, 2008. Environmental factors affecting *Phragmites australis* litter decomposition in Mediterranean and Black Sea transitional waters *Aquatic Conservation of Marine and Freshwater Ecosystems*, 18: S16-S26
- Ponti M, Pinna M, Basset A, Moncheva S, Trayanova A, Georgescu LP, Beqiraj S, Orfanidis S, **Abbiati M**, 2008. Quality assessment of Mediterranean and Black Sea transitional waters: comparing responses of benthic biotic indices *Aquatic Conservation of Marine and Freshwater Ecosystems*, 18: S62-S75
- Costantini F., Fauvelot C, **Abbiati M**, 2007. Genetic structuring of the temperate gorgonian coral (*Corallium rubrum*) across the western Mediterranean Sea revealed by microsatellites and nuclear sequences. *Molecular Ecology*, 16: 5168-5182
- Costantini F, Fauvelot C, **Abbiati M**, 2007. Fine-scale genetic structuring in *Corallium rubrum* (L): evidences of inbreeding and limited effective larval dispersal. *Marine Ecology Progress Series*, 340: 109-119
- Colosio F, **Abbiati M**, Airoidi L, 2007. Effects of beach nourishment on sediments and benthic assemblages. *Marine Pollution Bulletin*, 54 :1197-1206
- Bulleri F, Branca MG, **Abbiati M**, Airoidi L, 2007. Development of reproductive structures in the introduced green alga, *Codium fragile* ssp. *tomentosoides*, in the northern Adriatic Sea. *European Journal of Phycology*, 42: 137 – 144
- Bertasi F, Colangelo MA, **Abbiati M**, Ceccherelli VU, 2007. Effects of an artificial protection structure on the sandy shore macrofaunal community: the special case of Lido di Dante (Northern Adriatic Sea). *Hydrobiologia*, 586: 277-290
- Virgilio M, Bäckeljau T, **Abbiati M**, 2006. Phylogeographic patterns of *Hediste diversicolor* (Polychaeta: Nereididae) along the North Adriatic coast of Italy: the importance of small-scale genetic structuring. *Marine Ecology Progress Series*, 326:157-165.
- Costantini F, **Abbiati M**, 2006. Development of microsatellite markers for the Mediterranean gorgonian coral *Corallium rubrum* (Linnaeus, 1759). *Molecular Ecology Notes*, 6: 521-523
- Virgilio M, **Abbiati M**, 2006. Temporal changes in the genetic structure of intertidal populations of *Hediste diversicolor* (Polychaeta: Nereididae) *Journal of Sea Research*, 56: 53-58.
- Bulleri F, Airoidi L, Branca GM, **Abbiati M**, 2006. Effects of the introduced green alga, *Codium fragile* ssp. *tomentosoides*, on recruitment and survival of mussels. *Marine Biology*, 148: 1213-120.

- Basset A, Sabetta L, Fonnesu A, Mouillot D, Do Chi T, Viaroli P, Giordani G, Reizopoulou S, **Abbiati M**, Carrada GC, 2006. Typology in Mediterranean transitional waters: new challenges and perspectives. *Aquatic Conservation of Marine and Freshwater Ecosystems*, 16: 441-455.
- Virgilio M, Airoldi L, **Abbiati M**, 2006. Distribution and dynamics of assemblages in a Mediterranean coralligenous reef and relationships with surface orientation. *Coral Reefs*, 25: 265-272
- Bulleri F, **Abbiati M**, Airoldi L 2006. The colonisation of artificial human-made structures by the invasive alga *Codium fragile* ssp. *tomentosoides* in the north Adriatic Sea (NE Mediterranean). *Hydrobiologia*, 555: 263-269
- Airoldi L, Bacchiocchi F, Cagliola C, Bulleri F, **Abbiati M**, 2005. Impact of recreational harvesting on assemblages in artificial rocky habitats. *Marine Ecology Progress Series*, 299: 55-66.
- Virgilio M, Maci S, **Abbiati M**, 2005. Comparisons of genotype-tolerance responses in populations of *Hediste diversicolor* (Polychaeta: Nereididae) exposed to copper stress. *Marine Biology*, 147: 1305-1312.
- Airoldi L, **Abbiati M**, Beck MW, Hawkins SJ, Jonsson PR, Martin D, Moschella P S, Sundelöf A, Thompson R C, Åberg P, 2005. An ecological perspective on the deployment and design of low-crested and other hard coastal defence structures. *Coastal Engineering*, 52:1073-1087.
- Moschella PS, **Abbiati M**, Åberg P, Airoldi L, Bacchiocchi F, Bulleri F, Dinesen GE, Frost M, Gaçia E, Granhag L, Jonsson P R, Satta MP, Sundelöf A , Thompson RC, Hawkins SJ, 2005. Low crested coastal defence structures as artificial habitats for marine life: using ecological criteria in design? *Coastal Engineering*, 52: 1053-1071.
- Ponti M, **Abbiati M**, 2004. Quality assessment of transitional waters using a benthic biotic index: the case study of the Pialassa Baiona (northern Adriatic Sea). *Aquatic Conservation of Marine and Freshwater Ecosystems*, 14: S31-S41.
- Basset A, **Abbiati M**, 2004. Challenges to transitional water monitoring: ecological descriptors and scales. *Aquatic Conservation of Marine and Freshwater Ecosystems*, 14: S1-S3.
- Virgilio M, **Abbiati M**, 2004. Allozyme genotypes and tolerance to copper stress in *Hediste diversicolor* (Polychaeta: Nereididae). *Marine Pollution Bulletin*, 49: 978-985.
- Virgilio M, **Abbiati M**, 2004. Habitat discontinuity and genetic structure in populations of the estuarine species *Hediste diversicolor* (Polychaeta: Nereididae). *Estuarine, Coastal and Shelf Science*, 61: 361-367.
- Virgilio M, Baroncini N, Trombini C, **Abbiati M** (2003). Relationships between sediments and tissues contamination and allozymic patterns in *Hediste diversicolor* (Polychaeta: Nereididae) in the Pialassa lagoons (North Adriatic Sea). *Oceanol. Acta*, 26 (1): 85-92
- Ponti M, **Abbiati M**, Ceccherelli VU, 2002. Drilling platform wrecks as artificial reefs: preliminary description of macrobenthic assemblages of the "Paguro" (Northern Adriatic). *ICES journal of Marine Science*, 59: 316-323.
- Abbiati M** & Basset A, 2001 – Ecological research and conservation of coastal ecosystems. *Aquatic Conservation of Marine and Freshwater Ecosystems*, 11: 233-234.
- Santangelo G & **Abbiati M**, 2001 - Red coral: conservation and management of an overexploited Mediterranean species. *Aquatic Conservation of Marine and Freshwater Ecosystems*, 11: 253-259.
- Mattison G, **Abbiati M**, Dando PR, Fitzsimons MF, Pratt SM, Southward AJ& Southward EC, 1998 - Microbial ecology of submarine caves with hydrothermal sulphidic springs at Cape Palinuro, Italy. *Microbial Ecology*, 35: 58-71.
- Benedetti-Cecchi L, Airoldi L, **Abbiati M** & Cinelli F, 1998 - Spatial variability in the distribution of sponges and cnidarians in a sublittoral marine cave with sulphur- water springs. *Journal of the Marine Biological Association of the U.K.*, 78: 43-58.
- Gamenick I, **Abbiati M** & Giere O, 1998 - Field distribution and sulphide tolerance of *Capitella capitata* (Annelida: Polychaeta) around shallow water hydrothermal vents off Milos (Aegean Sea). A new sibling species? *Marine Biology*, 130: 447-453.
- Corriero G, Santangelo G & **Abbiati M**, 1997 - Sponges inhabiting a Mediterranean red coral population. *P.S.Z.N.I: Marine Ecology*, 18: 147-155.

- Benedetti-Cecchi L, Airoidi L, **Abbiati M** & Cinelli F, 1996 – Exploring the causes of spatial variation in an assemblage of benthic invertebrates from a submarine cave with sulphur springs. *Journal of Experimental Marine Biology and Ecology*, 208: 153-168.
- Abbiati M** & Maltagliati F, 1996 - Allozyme evidence of genetic differentiation between populations of *Hediste diversicolor* (Polychaeta: Nereididae) from the Western Mediterranean. *Journal of the Marine Biological Association of the U.K.*, 76: 637-648.
- Benedetti-Cecchi L, Airoidi L, **Abbiati M** & Cinelli F, 1996 - Estimating the abundance of benthic invertebrates: a comparison of procedures and variability between observers. *Marine Ecology Progress Series*, 138: 93-101.
- Southward AJ, Kennicutt MC, Alcalà-Herrera J, **Abbiati M**, Airoidi L, Cinelli F, Bianchi CN, Morri C & Southward EC, 1996 - On the biology of submarine caves with sulphur springs: appraisal of $^{13}\text{C}/^{12}\text{C}$ ratios as a guide to trophic relations. *Journal of the Marine Biological Association of the U.K.*, 76: 262-285.
- Santangelo G, **Abbiati M**, Giannini F & Cicogna F, 1993 - Red coral fishing trends in the western Mediterranean Sea during the period 1981-1991. *Scientia Marina*, 57: 139-143.
- Abbiati M**, Santangelo G & Novelli S, 1993 - Genetic variation within and between two Tyrrhenian populations of the Mediterranean alcyonarian *Corallium rubrum*. *Marine Ecology Progress Series*, 95: 245-250.
- Lardicci C, **Abbiati M**, Crema R, Morri C, Bianchi CN & Castelli A, 1993 - The distribution of polychaetes along environmental gradients: an example from the Orbetello Lagoon, Italy. *P.S.Z.N.I: Marine Ecology*, 14: 35-52.
- Abbiati M**, Buffoni G, Caforio G, Di Cola G & Santangelo G, 1992 - Harvesting, predation and competition effects on a red coral population. *Netherlands Journal of Sea Research*, 30: 219-228.
- Abbiati M** & Castelli A, 1992 - *Platynereis nadiae* sp. n. (Polychaeta: Nereididae) from Italian coasts. *Zoologica Scripta*, 21 (2): 151-155.
- Abbiati M** & Maltagliati F, 1992 - Genetic population structure of *Neanthes succinea* (Polychaeta: Nereididae). *Journal of the Marine Biological Association of the U.K.*, 72: 511-517.
- Abbiati M**, Bianchi CN, Castelli A, Giangrande A & Lardicci C, 1991 - Distribution of Polychaetes on Hard Substrates of the Midlittoral-Infralittoral Transition Zone, Western Mediterranean. *Ophelia*. 5: 421-432.
- Abbiati M**, Bianchi CN & Castelli A, 1987 – Polychaete vertical zonation along a littoral cliff in the western Mediterranean. *P.S.Z.N.I: Marine Ecology*, 8 (1): 33-48.

Book chapters

- G. Santangelo & **M. Abbiati**, 1989. A study on a coastal red coral population. 2nd Technical consultation on red coral resources of the Western Mediterranean and their rational exploitation. *FAO Fisheries Reports*, 413: 67-72.
- M. Abbiati**, G. Buffoni, G. Di Cola & G. Santangelo, 1991. Red coral population dynamics: stability analysis and numerical simulation of time evolution of perturbed states. In O. Ravera (Ed.): *Terrestrial and aquatic ecosystems: Perturbation and Recovery*, pp. 219-228, Ellis Horwood Limited.
- M. Abbiati**, G. Santangelo & S. Novelli, 1993. Struttura genetica di popolazione del gorgonaceo *Corallium rubrum* (L.). In F. Cicogna & R. Cattaneo-Vietti (Eds): *Il corallo rosso in Mediterraneo: Arte, Storia e Scienza*, pp. 181-200. Roma: Min. Ris. Agr. Al. For.
- G. Santangelo, **M. Abbiati** & G. Caforio, 1993. Struttura di età e dinamica di popolazione di *Corallium rubrum* (L.). In F. Cicogna & R. Cattaneo-Vietti (Eds): *Il corallo rosso in Mediterraneo: Arte, Storia e Scienza*, pp. 181-200. Roma: Min. Ris. Agr. Al. For.
- Castelli, **M. Abbiati**, F. Badalamenti, C.N. Bianchi, G. Cantone, M.C. Gambi, A. Giangrande, M.F. Gravina, P. Lanera, C. Lardicci, A. Somaschini & P. Sordino, 1995. Annelida Polychaeta, Pogonophora, Echiurida, Sipuncula. In A. Minelli, S. Ruffo & S. La Posta (eds), *Checklist delle specie della fauna italiana*, 20. Calderini, Bologna.
- M. Abbiati**, S. Novelli, J.G. Harmelin & G. Santangelo, 1999. Struttura genetica di popolamenti simpatrici ed allopatrici di corallo rosso. In F. Cicogna, G. Bavestrello & R.

- Cattaneo-Vietti (Eds): *Biologia e tutela del corallo rosso e di altri ottocoralli del Mediterraneo*, pp. 5-21. Roma: Min. Pol. Agr.
- G. Santangelo, L. Bongiorno, F. Giannini, **M. Abbiati** & G. Buffoni, 1999. Analisi della struttura di due popolamenti di corallo rosso di habitat differenti. In F. Cicogna, G. Bavestrello & R. Cattaneo-Vietti (Eds): *Biologia e tutela del corallo rosso e di altri ottocoralli del Mediterraneo*, pp. 23-43. Roma: Min. Pol. Agr.
- G. Cognetti, C. Lardicci, **M. Abbiati** & A. Castelli, 2000. The Adriatic Sea and the Tyrrhenian Sea. In C. Sheppard (Ed): *Seas at the Millennium. An Environmental Evaluation*, Vol. 1, pp.267-284. Elsevier Science Ltd., London.
- Abbiati, M.**, 2003. 'Introduction to topic 3 "Effects of human activities in altering genetic characteristics and gene flow in the marine environment" (2). In Hiscock, K. et al. (eds): *Electronic conference on 'Genetic Biodiversity in Marine Ecosystems – Measurement, Understanding and Management'* - Summary of discussions, pp 31-34. Flanders Marine Institute, Oostende, Belgium.
- Viard F., **Abbiati, M.**, 2003. 'Summary of discussion on topic 3 "Effects of human activities in altering genetic characteristics and gene flow in the marine environment" (2). In Hiscock, K. et al. (eds): *Electronic conference on 'Genetic Biodiversity in Marine Ecosystems – Measurement, Understanding and Management'* - Summary of discussions, pp 49-50. Flanders Marine Institute, Oostende, Belgium.
- Ponti M, Giaquinta S, **Abbiati M.**, 2005 Pialassa Baiona Lagoon, Ravenna. In: Giordani G, Viaroli P, Swaney DP, Murray CN, Zaldivar JM, Marshall Crossland JI (Eds) *Nutrient fluxes in transitional zones of the Italian coast. LOICZ, Texel, the Netherlands*: 41-48.
- Abbiati M.** 2007 - Co-author of several chapters of the book 'Environmental design guidelines for low crested coastal defence structures', Burcharth H.F., Hawkins, S.J., Zanuttigh B. and Lamberti A. (eds), Elsevier, Amsterdam pp. 400
- Abbiati M**, Costantini F, Fauvelot C, 2009 Conservation of coralligenous reefs: effective larval dispersal, scales of connectivity and resilience. In: *Proceedings of the 1st Mediterranean symposium on the conservation of the coralligenous and other calcareous bio-concretions*, C. Pergent-Martini & M. Brichet edits., UNEP-MAP-RAC/SPA, pp28-33
- Abbiati M**, Airoidi L, Costantini L, Fava F, Ponti M, Virgilio M, 2009. Spatial and temporal variation of assemblages in mediterranean coralligenous reefs. In: *Proceedings of the 1st Mediterranean symposium on the conservation of the coralligenous and other calcareous bio-concretions*, C. Pergent-Martini & M. Brichet edits., UNEP-MAP-RAC/SPA, pp 34-40.
- Costantini F, Aurelle D, Ledoux J-B, **Abbiati M** (2016) Population genetic structure of *Corallium rubrum* in the Mediterranean Sea: diversity, phylogeography, and bathymetric patterns In: *The Cnidaria, past, present and future: The world of Medusa and her sisters* Goffredo S and Dubinsky Z (Eds), Springer, DOI 10.1007/978-3-319-31305-4_44, pp 717-728
- Ledoux J-B, Antunes A, Haguenaer A, Pralong M, Costantini F, **Abbiati M**, Aurelle D (2016) Molecular forensics into the sea: how molecular markers can help to struggle against poaching and illegal trade in precious corals? In: *The Cnidaria, past, present and future: The world of Medusa and her sisters* Goffredo S and Dubinsky Z (Eds), Springer, DOI 10.1007/978-3-319-31305-4_45 pp 729-745
- Villamor A, Costantini F, **Abbiati M** (2016) Comparative genetic structure of shallow water benthic invertebrates as a proxy to of marine connectivity in the Mediterranean Sea. In: *Marine connectivity – migration and larval dispersal*. CIESM Monograph 48 (F Briand Ed.) CIESM Publisher, Monaco, pp 65-71
- Costantini F, Addamo AM, Machordom A, **Abbiati M** (2017) Genetic connectivity and conservation of habitat-forming corals in temperate seas. In: *Marine Animal Forests: the ecology of benthic biodiversity hotspots* Rossi S, Bramanti L, Gori A, Orejas C (Eds), Springer, DOI 10.1007/978-3-319-17001-5_32-1, pp 1061-1083