

CURRICULUM VITAE

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Home: Via Larga 34/2, I-40139 Bologna, Italy, European Union

Nationality: Italian
Date of birth: 16 August 1978
Place of Birth: Bologna, Italy, European Union
Gender: Male
Marital Status: Celibate

Education

- Nov. 2013-today Post-doctorate, Department of Biological, Geological and Environmental Sciences, Alma Mater Studiorum – University of Bologna (Italy)
Title of research project: Photosynthesis as a compensation mechanism of the negative effects of ocean acidification on calcification of model Anthozoa of the Mediterranean Sea. Funds (61%) by the European Research Council (FP7 – IDEAS programme), European Union, for the project “Corals and Global Warming: the Mediterranean versus the Red Sea” (CoralWarm) and (39%) by Alma Mater Studiorum – University of Bologna
- June 2010-Oct. 2013 Post-doctorate, Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy)
Title of research project: Influence of environmental parameters on population dynamics in Mediterranean and Red Sea corals. Funds by the European Research Council (FP7 – IDEAS programme), European Union, for the project “Corals and Global Warming: the Mediterranean versus the Red Sea” (CoralWarm)
- 22 April 2010 Ph. D. in “Biodiversity and Evolution”, Alma Mater Studiorum – University of Bologna, Bologna (Italy).
Title of Ph. D. Thesis: Influence of environmental parameters on population dynamics in solitary corals from the Mediterranean Sea. Supervisor: Prof. Francesco Zaccanti.
- March 2008 Winter School “Detecting biological and environmental changes: design and analysis of monitoring and experiments”, Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy). Lecturers: Prof. Lisandro Benedetti-Cecchi (University of Pisa, Italy), Prof. Robert K. Clarke (Plymouth Marine Lab, United Kingdom), Prof. Marti-Jane Anderson (University of Auckland, New Zealand)
- 2006 Master Degree (M. Sc.) in Biological Sciences, Alma Mater Studiorum – University of Bologna, Bologna (Italy).
Title of M. Sc. Thesis: Environmental control on biometry and demography of solitary corals in the Mediterranean Sea. Supervisors: Dott. Stefano Goffredo and Prof. Francesco Zaccanti.
- 2002 Monographic course on Elasmobranchs Biology promoted by the “Fondazione Cetacea” and the “Uno Squalo per Amico” Association, Rimini (Italy)
- 1997 Technical Engineer in Electronics and Telecommunications, State Industrial Technical Institute (I.T.I.S.) “Ettore Majorana”, San Lazzaro di Savena (Italy).

Areas of scientific interests

Biometry, sclerochronology, demography, growth rates, skeletal crystallography, zooxanthellae photosynthesis and population dynamics patterns in temperate and subtropical corals and their relationships with environmental factors; growth and population dynamics modelling; global climate change and its effect on temperate and tropical coral-reef communities; the use of contemporary corals in predictive models concerning with global climate change.

Academic professional experience

- November 2013-today Postdoctoral fellowship. “Photosynthesis as a compensation mechanism of the negative effects of ocean acidification on calcification of model Anthozoa of the Mediterranean Sea”, Department of Biological, Geological and Environmental Sciences, Alma Mater Studiorum – University of Bologna (Italy). Funds (61%) by the European Research Council (FP7 – IDEAS programme), European Union, for the

- project “Corals and Global Warming: the Mediterranean versus the Red Sea” (CoralWarm) and (39%) by Alma Mater Studiorum – University of Bologna
- 2012-today Teacher assistant. “Laboratory of Scientific Diving”, Course of Master Degree in Biodiversity and Evolution, School of Science, Alma Mater Studiorum – University of Bologna (Italy). Teacher: Dott. Stefano Goffredo.
- June 2010-Oct. 2013 Postdoctoral fellowship. “Influence of environmental parameters on population dynamics in Mediterranean and Red Sea corals”, Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy). Funds by the European Research Council (FP7 – IDEAS programme), European Union, for the project “Corals and Global Warming: the Mediterranean versus the Red Sea” (CoralWarm)
- 2007-2011 Teacher assistant. “Laboratory of Underwater Survey”, Course of Master Degree in Biodiversity and Evolution, Faculty of Mathematical, Physical and Natural Sciences, Alma Mater Studiorum – University of Bologna (Italy). Teachers: Dott. Stefano Goffredo and Prof. Francesco Zaccanti.
- 2006 Volunteer researcher. “R/V F. G. Walton Smith”, University of Miami (USA). Research cruise in the Bahamas for a study on coral population dynamics and fishery management. Supervisor: Prof. Howard Lasker, State University of New York at Buffalo. Funds provided by Prof. Howard Lasker: National Science Foundation.

Other professional experience

- 2010-today Webmaster. www.coralwarm.eu, website of the research project “Corals and Global Warming: the Mediterranean versus the Red Sea” (CoralWarm).
- 2007-today Research support. Counsellor of the Marine & Freshwater Science Group Association, Bologna (Italy). Social Advancement Association devoted to the support and development of the research in the fields of marine and freshwater bio-ecology and environmental education (www.msgassociation.org).
- 2006-today Diving. Co-founder; Diving Instructor; Webmaster. Constitution of the school of marine research scientific diving “Scientific Diving School” (www.sdseducational.org), in Bologna (Italy).
- 2004-today Webmaster. www.marinesciencegroup.org, website of the Marine Science Interdisciplinary Research Group, Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy). Research group of Citizen Science & Coral Biology and Ecology.
- 2014 Statistical elaboration of biological experimental data. On the behalf of LEBSC S.r.l. (www.lebsc.it)
- 2014 Assessor of the status of conservation of Mediterranean corals. On the behalf of the Red List of Threatened Species (www.iucnredlist.org) of the International Union for Conservation of Nature (www.iucn.org)
- 2013 Statistical elaboration of biological experimental data. On the behalf of Bio Eco Active S.r.l. (www.bioecoactive.it)
- 2006 Environmental education. Teacher in primary, secondary and high schools of Bologna district within the program “School Environment” of Bologna Municipality.

Referee and editorial activity

- 2013-today Editor. *Science Research*, Science Publishing Group, New York (NY), USA

2012-today	<u>Referee</u> . <i>Frontiers in Marine Science</i> , Frontiers, Lausanne (Switzerland); <i>PLoS ONE</i> , Public Library of Science, San Francisco (CA), USA; <i>Journal of the Marine Biological Association of the United Kingdom</i> , Cambridge University Press, Cambridge, UK.
2011-today	<u>Review Editor</u> . <i>Frontiers in Invertebrate Physiology</i> , Frontiers, Lausanne (Switzerland).

Prizes

2006	Prize “Mario Pasquini” (www.premiomariopasquini.org), for the M. Sc. Thesis “Environmental control on biometry and demography of solitary corals in the Mediterranean Sea”.
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Other qualifications

2013	<u>Defibrillator Instructor</u> . Scuba Nitrox Safety International (SNSI).
2013	<u>Pool lifeguard</u> . National Lifeguard Society.
2011	<u>Scientific Diving Instructor 50 meters</u> . American Academy of Underwater Sciences (AAUS).
2011	<u>Recreational Deco Instructor</u> . Scuba Nitrox Safety International (SNSI)
2009	<u>Assistant Trainer</u> . Scuba Nitrox Safety International (SNSI).
2008	<u>Scientific Diving Instructor</u> . American Academy of Underwater Sciences (AAUS).
2008	<u>Nitrox Instructor</u> ; <u>Basic Life Support Instructor</u> . Scuba Nitrox Safety International (SNSI).
2007	<u>Instructor Air Program</u> . Scuba Nitrox Safety International (SNSI).
2006	<u>Divemaster</u> , <u>Dive Control Specialist</u> . Scuba Nitrox Safety International (SNSI) and Scuba Schools International (SSI).
2005	<u>Stress & Rescue Diver</u> . Scuba Schools International (SSI).
1998	<u>Advanced Open Water Diver</u> . Professional Association of Diving Instructors (PADI).
1996	<u>Driving License</u> .
1995	<u>Open Water Diver</u> . Professional Association of Diving Instructors (PADI).

Membership in professional societies

2008-today	International Society for Reef Studies
2007-today	American Academy of Underwater Sciences

Participation to research projects

1 June 2010-today	<u>Researcher</u> . Corals and Global Warming: the Mediterranean versus the Red Sea” (CoralWarm), coordinated by Dott. Stefano Goffredo, Prof. Zvy Dubinsky and Prof. Giuseppe Falini, funds by the European Research Council (FP7 – IDEAS programme), European Union.
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Supervision of students

- 2011-2012 Arianna Mancuso; Master of Science in Biodiversity and Evolution; Thesis title: "Skeletal mechanical properties of the Mediterranean corals *Balanophyllia europaea* and *Leptopsammia pruvoti*, in relation to environmental parameters"; supervisor: Dott. Stefano Goffredo, Department of Evolutionary and Experimental Biology (BES); co-supervisors: Dott. Luca Pasquini (Department of Physics), Dott. Erik Caroselli (BES)
- 2009-2010 Fiorella Prada; Master of Science in Ecology; Thesis title: "Relationship between environmental and skeletal parameters in corals from the Mediterranean Sea"; supervisor: Prof. Francesco Nonnis Marzano, University of Parma; co-supervisors: Dott. Erik Caroselli, Department of Evolutionary and Experimental Biology (BES), Dott. Stefano Goffredo (BES), Dott. Luca Pasquini (Department of Physics)
- 2008-2009 Michela Reggi; Bachelor of Science in Biological Sciences; Thesis title: "Biomineralization in the Mediterranean coral *Balanophyllia europaea* (Scleractinia, Dendrophylliidae)"; supervisor: Prof. Francesco Zaccanti (BES); co-supervisors: Dott. Stefano Goffredo (BES), Dott. Erik Caroselli (BES), Prof. Giuseppe Falini, Department of Chemistry "G. Ciamician" (CIAM), Dott. Patrizia Vergni (CIAM)
- 2008-2009 Francesco Mezzo; Bachelor of Science in Natural Sciences; Thesis title: "Morphologic and crystallographic variations of the skeleton during the life cycle in two hard corals (Scleractinia) of the Mediterranean"; supervisor: Prof. Francesco Zaccanti (BES); co-supervisors: Dott. Stefano Goffredo (BES), Dott. Erik Caroselli (BES), Prof. Giuseppe Falini (CIAM), Dott. Patrizia Vergni (CIAM)
- 2008-2009 Leonardo Laiolo; Bachelor of Science in Biological Sciences; Thesis title: "Quantitative variation of aragonite and calcite crystals during the growth of the exoskeleton of Mediterranean corals"; Supervisor: Prof. Francesco Zaccanti (BES); co-supervisors: Dott. Stefano Goffredo (BES), Dott. Erik Caroselli (BES), Prof. Giuseppe Falini (CIAM)

Membership in academic examination committees

- 2014 Co-examiner. Laboratory of Scientific Diving, Master Degree Course in Biodiversity and Evolution, Alma Mater Studiorum – University of Bologna (Italy).
- 2012 Member of the Graduation Committee. Master of Science course in Biodiversity and Evolution, Alma Mater Studiorum – University of Bologna (Italy).
- 2010 Member of the Graduation Committee. Master of Science course in Ecology, University of Parma (Italy).
- 2009 Member of the Graduation Committee. Bachelor of Science course in Natural Sciences, Alma Mater Studiorum – University of Bologna (Italy).
- 2009 Member of the Graduation Committee. Bachelor of Science course in Biological Sciences, Alma Mater Studiorum – University of Bologna (Italy).

Scientific seminars

- 16 June 2008 "Relationships between growth, population structure and seawater temperature in Mediterranean corals". Cycle of seminars "The Science is Young", Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy).

Active participation in scientific meetings

ABSTRACTS

- Goffredo S, Prada F, **Caroselli E**, Capaccioni B, Reggi M, Fermani S, Fantazzini P, Pasquini L, Levy O, Dubinsky Z, Falini G (2013) Biomineralization and population density of benthic marine calcifiers along a natural carbon dioxide gradient. 8th International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December.
- Nanni V, **Caroselli E**, Levy O, Falini G, Dubinsky Z, Goffredo S (2013) Latitudinal variations in biometry and abundance of a Mediterranean solitary coral suggest higher tolerance to seawater warming for non-zooxanthellate species. 8th International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December.
- Prada F, **Caroselli E**, Capaccioni B, Falini G, Levy O, Dubinsky Z, Zaccanti F, Goffredo S (2013) Different sensitivities among Mediterranean scleractinian corals to enhanced ocean acidification. 8th International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December.
- Prada F, **Caroselli E**, Capaccioni B, Falini G, Levy O, Zaccanti F, Dubinsky Z, Goffredo S (2013) Ocean acidification effects on benthic Mediterranean organisms along a natural CO₂ gradient. 10th Annual conference of the Israeli Association for Aquatic Sciences, Mikhmoret (Israel), 13-14 March.
- Goffredo S, Prada F, **Caroselli E**, Capaccioni B, Falini G, Levy O, Dubinsky Z, Zaccanti F (2012) Different sensitivity among scleractinian corals to enhanced ocean acidification. 12th International Coral Reefs Symposium, Cairns (Queensland, Australia), 9-13 July.
- Caroselli E**, Levy O, Zaccanti F, Falini G, Dubinsky Z, Goffredo S (2011) Growth and demography of the temperate/subtropical scleractinian *Leptopsammia pruvoti* do not depend on temperature in the Mediterranean Sea. LLXXII National meeting of Italian Zoological Union, Bologna (Italy), 5-8 September 2011 (Original language: Italian).
- Goffredo S, Marchini C, Rocchi M, Airi V, **Caroselli E**, Falini G, Levy O, Dubinsky Z, Zaccanti F (2011) Reproduction of the solitary coral *Caryophyllia inornata* (Scleractinia, Caryophyllidae) in the Mediterranean. LLXXII National meeting of Italian Zoological Union, Bologna (Italy), 5-8 September 2011 (Original language: Italian).
- Goffredo S, Prada F, **Caroselli E**, Levy O, Falini G, Dubinsky Z (2011) Effects of sea acidification on mediterranean corals in a volcanic site with underwater CO₂ emissions. LLXXII National meeting of Italian Zoological Union, Bologna (Italy), 5-8 September 2011 (Original language: Italian).
- Caroselli E**, Levy O, Zaccanti F, Falini G, Dubinsky Z, Goffredo S (2010) Growth and demography of the temperate/subtropical scleractinian *Leptopsammia pruvoti* are unrelated to seawater temperature in the Mediterranean Sea. EURO ISRS symposium 2010: Reefs in a changing environment, Wageningen (Netherlands), 13-17 December.
- Goffredo S, **Caroselli E**, Prada F, Pasquini L, Nonnis Marzano F, Zaccanti F (2010) Identification of tolerant/sensible Mediterranean coral species in face of global change. EURO ISRS symposium 2010: Reefs in a changing environment, Wageningen (Netherlands), 13-17 December.
- Vergni P, Reggi M, **Caroselli E**, Sparla F, Levy O, Dubinsky Z, Goffredo S, Falini G (2010) The organic matrix influences precipitation patterns of skeletal calcium carbonate in the Mediterranean coral *Balanophyllia europaea*. EURO ISRS symposium 2010: Reefs in a changing environment, Wageningen (Netherlands), 13-17 December.
- Falini G, Goffredo S, Vergni P, **Caroselli E**, Reggi M (2009) The role of organic matrix from Mediterranean corals in CaCO₃ precipitation. International School on Biological Crystallization, Granada (Spain), 18-22 May.
- Tomas MS, Vergni P, **Caroselli E**, Goffredo S, Falini G, Garcia Ruiz JM (2009) Corals biomineralization: unpuzzling biopolymeric function. International School on Biological Crystallization, Granada (Spain), 18-22 May.
- Caroselli E**, Goffredo S, Zaccanti F (2008) Environmental influence on growth and calcification in a Mediterranean Scleractinian and implications related to global warming. European Network of excellence for Ocean Ecosystems Analysis Final Meeting, Rome (Italy), 25-27 November.

- Goffredo S, **Caroselli E**, Zaccanti F, Falini G (2008) Skeletal calcium carbonate phase polymorphism in two temperate scleractinians. 11th International Coral Reefs Symposium, Ft. Lauderdale (FL, USA), 7-11 July.
- Goffredo S, **Caroselli E**, Mattioli G, Pignotti E, Zaccanti F (2008) Growth and population dynamics model of the solitary Sunset Cup Coral *Leptopsammia pruvoti* (Scleractinia, Dendrophylliidae) in the Mediterranean Sea. 11th International Coral Reefs Symposium, Ft. Lauderdale (FL, USA), 7-11 July.
- Goffredo S, **Caroselli E**, Pignotti E, Mattioli G, Zaccanti F (2006) Environmental control on biometry and demography of solitary corals in the Mediterranean Sea. International Society for Reef Studies European Meeting, Bremen (Germany) 19-22 September.

IN EXTENSO CONGRESS PROCEEDINGS

- Gizzi F, Airi V, **Caroselli E**, Goffredo S (2014) Population dynamics model of the solitary symbiotic coral *Balanophyllia europaea* (Scleractinia, Dendrophylliidae) at Calafuria. Congress "Codice Armonico", V^o Regional Congress of Natural Sciences, "Tuscany Environment", Castiglioncello (Livorno, Italy), 27-29 March 2014. ETS, p. 68-72 (Original language: Italian).
- Prada F, **Caroselli E**, Zaccanti F, Capaccioni B, Falini G, Levy O, Dubinsky Z, Goffredo S (2013) Ocean acidification effects on benthic Mediterranean organisms along a natural CO₂ gradient. Joint International Scientific Diving Symposium, American Academy of Underwater Sciences and European Scientific Diving Panel, Curaçao, 24-27 October 2013. American Academy of Underwater Sciences, p. 231-233
- Caroselli E**, Mattioli G, Zaccanti F, Goffredo S (2012) Growth and population dynamics model for the solitary temperate azooxanthellate coral *Leptopsammia pruvoti* (Scleractinia, Dendrophylliidae). Congress "Codice Armonico", IV^o Regional Congress of Natural Sciences, "Tuscany Environment", Castiglioncello (Livorno, Italy), 14-16 March 2012. ETS, p. 58-66 (Original language: Italian).
- Goffredo S, Marchini C, Rocchi M, Airi V, **Caroselli E**, Falini G, Levy O, Dubinsky Z, Zaccanti F (2012) Reproduction of the solitary coral *Caryophyllia inornata* (Scleractinia, Caryophylliidae). Congress "Codice Armonico", IV^o Regional Congress of Natural Sciences, "Tuscany Environment", Castiglioncello (Livorno, Italy), 14-16 March 2012. ETS, p. 188-198 (Original language: Italian).
- Goffredo S, **Caroselli E**, Mattioli G, Pignotti E, Dubinsky Z, Zaccanti F (2010) Decrease of calcification with increasing temperature in a Mediterranean endemic coral. Congress "Codice Armonico", III^o Regional Congress of Natural Sciences, "Tuscany Environment", Castiglioncello (Livorno, Italy), 11-13 March 2010. ETS, p. 9-16 (Original language: Italian).
- Goffredo S, **Caroselli E**, Pignotti E, Mattioli G, Zaccanti F (2008) Environmental control on biometry and demography of solitary corals in the Mediterranean Sea. Congress "Codice Armonico", II^o Regional Congress of Natural Sciences, "Tuscany Environment", Castiglioncello (Livorno, Italy), 13-15 March 2008. ETS, p. 248-257 (Original language: Italian).

Book chapters

- Caroselli E**, Goffredo S (2014) Mediterranean coral population dynamics: a tale of 20 years of field studies. In: Goffredo S, Dubinsky Z (eds) The Mediterranean Sea: its history and present challenges. Springer Science+Business Media, Dordrecht, pp 275-284

Articles in peer review / impact factor journals

- Reggi M, Fermani S, Landi V, Sparla F, **Caroselli E**, Gizzi F, Dubinsky Z, Levi O, Cuif JP, Dauphin Y, Goffredo S, Falini G (2014) Biomineralization in Mediterranean corals: The role of the intra-skeletal organic matrix. *Crystal Growth & Design*. doi: 10.1021/cg5003572
- Goffredo S, Prada F, **Caroselli E**, Capaccioni B, Zaccanti F, Pasquini L, Fantazzini P, Fermani S, Michela M, Levy O, Fabricius KE, Dubinsky Z, Falini G (2014) Biomineralization control related to population density under ocean acidification. *Nature Climate Change*, 4:593-597.

- Fantazzini P, Mengoli S, Evangelisti S, Pasquini L, Mariani M, Brizi L, Goffredo S, **Caroselli E**, Prada F, Falini G, Levy O, Dubinsky Z (2013) Time-Domain NMR study of Mediterranean scleractinian corals reveals skeletal-porosity sensitivity to environmental changes. *Environmental Science & Technology*, 47:12679-12686.
- Caroselli E**, Mattioli G, Levy O, Falini G, Dubinsky Z, Goffredo S (2012) Inferred calcification rate of a Mediterranean azooxanthellate coral is uncoupled with sea surface temperature along an 8° latitudinal gradient. *Frontiers in Zoology*, 9:32.
- Goffredo S, Marchini C, Rocchi M, Airi V, **Caroselli E**, Falini G, Levy O, Dubinsky Z, Zaccanti F (2012) Unusual pattern of embryogenesis of *Caryophyllia inornata* (Scleractinia, Caryophylliidae) in the Mediterranean Sea. Maybe agamic reproduction? *Journal of Morphology*, 273:943-956.
- Caroselli E**, Zaccanti F, Mattioli G, Falini G, Levy O, Dubinsky Z, Goffredo S (2012) Growth and demography of the solitary scleractinian coral *Leptopsammia pruvoti* along a sea surface temperature gradient in the Mediterranean Sea. *PLoS ONE*, 7:e37848.
- Goffredo S, **Caroselli E**, Mezzo F, Laiolo L, Vergni P, Pasquini L, Levy O, Zaccanti F, Tribollet A, Dubinsky Z, Falini G (2012) The puzzling presence of calcite in skeletons of modern solitary corals from the Mediterranean Sea. *Geochimica et Cosmochimica Acta*, 85:187-199.
- Caroselli E**, Prada F, Pasquini L, Nonnis Marzano F, Zaccanti F, Falini G, Levy O, Dubinsky Z, Goffredo S (2011) Environmental implications of skeletal micro-density and porosity variation in two scleractinian corals. *Zoology*, 114:255-264 (journal cover)
- Goffredo S, Vergni P, Reggi M, **Caroselli E**, Sparla F, Levy O, Dubinsky Z, Falini G (2011) The skeletal organic matrix from Mediterranean coral *Balanophyllia europaea* influences calcium carbonate precipitation. *PLoS ONE*, 6:e22338.
- Goffredo S, **Caroselli E**, Gasparini G, Marconi G, Putignano MT, Pazzini C, Zaccanti F (2011) Colony and polyp biometry and size structure in the orange coral *Astroides calycularis* (Scleractinia: Dendrophylliidae). *Marine Biology Research*, 7:272-280.
- Goffredo S, **Caroselli E**, Mattioli G, Zaccanti F (2010) Growth and population dynamic model for the non-zooxanthellate temperate solitary coral *Leptopsammia pruvoti* (Scleractinia, Dendrophylliidae). *Marine Biology*, 157:2603-2612.
- Goffredo S, **Caroselli E**, Mattioli G, Pignotti E, Dubinsky Z, Zaccanti F (2009) Inferred level of calcification decreases along an increasing temperature gradient in a Mediterranean endemic coral. *Limnology & Oceanography*, 54:930-937.
- Goffredo S, **Caroselli E**, Mattioli G, Pignotti E, Zaccanti F (2008) Relationships between growth, population structure and sea surface temperature in the temperate solitary coral *Balanophyllia europaea* (Scleractinia, Dendrophylliidae). *Coral Reefs*, 27:623-632.
- Goffredo S, **Caroselli E**, Pignotti E, Mattioli G, Zaccanti F (2007) Variation in biometry and population density of solitary corals with environmental factors in the Mediterranean Sea. *Marine Biology*, 152:351-361.

Languages

Mother tongue	Italian.
Other Languages	English. Excellent reading, writing and speaking.

Social and organizational skills and competences

I have always been travelling around the world (Central and Northern Europe, Middle East, Africa, USA) and enjoyed the cultural exchange with the people I have been meeting. Living in a city with an important university, I had the possibility to stay in close contact with people from many different places and cultures. I have been practicing many sports, both individual and team based (Swimming, Judo, Trekking, Orienteering,

Skiing, Scuba Diving, Snowboarding, Ninjutsu). The practice of diving instructional activities gave me the possibility to challenge myself in managing groups of people, trying to satisfy everyone's needs and to improve my organizational and teamwork skills.

Technical skills and competences

I have a great experience in computer use, like windows-based software, office package and internet surfing for pleasure and work/research activities. I have a good knowledge of professional advanced statistical software such as SPSS and Primer (a package for non-parametric multidimensional statistics) and image editing software such as Photoshop and Illustrator. I have a discreet experience in dvd digital editing and authoring. I self produced the demo tape of my rock band using the professional music software Cubase.

Artistic skills and competences

I play lead guitar in the rock band I founded in 1995 (Amaranto, www.amaranto.it). I released a self produced album on 2003 (Metronomicon), and performed several concerts in the Bologna area.