

PERSONAL INFORMATION

Family name, First name: PARRAVICINI VALERIANO

Researcher unique identifier(s): ResearcherID (A-8539-2011) - [Google Scholar Profile](#)

Nationality: Italian

Date of birth: 03/07/1981

I am a marine ecologist at the "Centre de Recherches Insulaires et Observatoire de l'Environnement" based in Perpignan, France (EPHE, USR 3278, head: Serge Planes). After a PhD on the effects of climatic and anthropogenic pressures on Mediterranean rocky reef benthic communities, I obtained a post-doctoral position at CESAB, the French Centre for the synthesis and analysis of biodiversity. During my post-doc, I was charged to build an extensive global database on the distribution of 6,316 tropical reef fish species and to co-coordinate an international group of scientists for testing general macro-ecological and biogeographical theories. The results of my research were published in high impact scientific journals including *Science*, *PNAS*, *Nature Communications* and *Ecology Letters*. I have gained extensive experience in ecology, macro-ecology, biogeography and community ecology. I have strong interests in developing ecological concepts, as demonstrated by my *PNAS* and *Ecology Letter* papers, which represent early examples of "functional biogeography". Since 2014 I am Associate Professor at the CRIOBE in Perpignan and I have developed three main research axes: (i) the investigation of the interaction between environmental factors and species traits and how it determines community assembly processes on coral reefs; (ii) the investigation of the relative role of climate vs. species interaction in determining invasion success; (iii) the investigation of the complex relationship among biodiversity, human disturbance and the processes delivered by reef fish assemblages.

EDUCATION

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| 2011 | PhD in Marine Environmental Science (University of Genoa, Italy)
<i>co-supervised by Fiorenza Micheli (Stanford University, USA)</i> |
| 2006 | Master of Science in Marine Environmental Science (University of Genoa, Italy)
<i>110/110 cum laude</i> |

CURRENT POSITION

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| Since 2014 | Tenured Associate Professor at EPHE (Ecole Pratique des Hautes Etudes)
Centre de Recherches Insulaires et Observatoire de l'Environnement (USR 3278 CRIOBE),
Perpignan, France |
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PREVIOUS POSITIONS

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| 2014 – 2014 | Post-doctoral fellow
Centre de Recherches Insulaires et Observatoire de l'Environnement (USR 3278 CRIOBE),
Perpignan (France) |
| 2011 – 2013 | Post-doctoral fellow (CESAB-FRB fellowship)
Institut de Recherche pour le Développement (USR 227 CoReUs), Banyuls/mer,
France |

FELLOWSHIPS AND AWARDS

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|-------------|--|
| 2011 | Innovation Award for a geospatial-modelling tool for conservation (Italian Agency for
Technology) |
| 2010 | Award for the best Master thesis (Liguria Region, Italy) |
| 2008 – 2010 | PhD fellowship from the Italian Ministry of Education |
| 2007 | Best student presentation (Italian Society of Marine Biology Conference) |
| 2006 | Alain-Vatricain Award for the best BSc thesis (RaMoGe, Monaco) |

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

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| From 2016 | Co-supervisor of 1 PhD student (Pauline Fey)
<i>Université de la Nouvelle Calédonie, Noumea, New Caledonia</i> |
| 2008 – 2010 | Co-supervisor of 3 MSc students |

IRD, Banyuls/mer, France
2008 – 2010 Co-supervisor of 6 MSc students
Genoa University, Genoa, Italy

TEACHING ACTIVITIES

2014 – 2015 Introduction to Marine Biogeography, Master 1, EPHE, France
2014 – 2015 Functional Biogeography, Master 2, EPHE, France
2011 Invited course on Data Analysis in Ecology, Genoa University, Italy
2009 – 2010 Teaching Assistant, Biology, Genoa University, Italy
2007 – 2008 Teaching Assistant, Ecology, Genoa University, Italy
2007 – 2008 Invited course on Tropical Marine Biogeography, University of Milano-Bicocca, Italy

ORGANISATION OF SCIENTIFIC MEETINGS

2011 – 2013 I have organized 6 scientific meetings at CESAB

INSTITUTIONAL RESPONSIBILITIES

Since 2015 Faculty member, Ecole Pratique des Hautes Etudes, Paris, France
Since 2014 Organizer of the Internal Seminar, CRIOBE, Perpignan, France

COMMISSIONS OF TRUST

2014 Associate Faculty Member of the Faculty of 1000 (<http://f1000.com/>)
2014 Member of 6 PhD committees (Montpellier (3), Perpignan (3))
2014 Evaluator for the funding body ANR (France)
2013 – 2015 I wrote 3 reference letters for grad students
2013 Reviewer for a book in Cambridge University Press

I devote an important part of my time to evaluate and review papers (about 2 per month) for journals including: Ecology Letters, Global Ecology and Biogeography, Global Change Biology, PLoS ONE, Aquatic Conservation: Marine and Freshwater Ecosystems, Hydrobiologia, Journal of Experimental Marine Biology and Ecology, Journal of the Marine Biological Association of the UK, Marine Ecology: An Evolutionary perspective, Marine Ecology Progress Series, Marine Technology Society Journal

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2006 – 2013 Member Italian Society of Marine Biology
2008 – 2009 Western Society of Naturalists
2007 – 2008 Member of ASLO (Association for Sciences of Limnology and Oceanography)

MAJOR COLLABORATIONS

Coral reefs macroecology

David Bellwood, Nick Graham, Joshua Cinner (James Cook University, Australia), Alan Friedlander (University of Hawaii, USA), Sergio Floeter (Satnta-Caterina University, Brasil), David Mouillot, Francois Guilhaumon, Fabien Leprieur (MARBEC, Montpellier), Michel Kulbicki (IRD, France), Loic Pellisier (University of Zurich, Switzerland), Diego Barneche (Monash University, Australia).

Species Invasion

Jonathan Belmaker (Tel-Aviv University, Israel), Ernesto Azzurro (ISPRA, Italy)

Species interaction network

Giovanni Strona (Joint Research Center, Italy), Camille Albouy (University of Zurich)

Reef fish ecology

Rene Galzin, David Lecchini (CRIOBE, France), Laurent Viriot (ENS, France), Sébastien Villeger (MARBEC, France)

Mediterranean and tropical benthic community ecology

Carlo Nike Bianchi, Carla Morri, Monica Montefalcone (Genoa University, Italy), Fiorenza Micheli (Stanford University), Alessio Rovere (MARUM-ZMT, Germany).