

Patrice FRANCOUR

Full Professor (1st Grade)

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Born 13th April 1960 (Paris, France)

French nationality

PROFESSIONAL POSITIONS

- 2016-:** Deputy-Director FRE 3729 ECOMERS (CNRS / UNS), and since 01/2019 UMR 7035 ECOSEAS
- 2010 :** Promotion Full Professor, 1st Grade
- 2008-2015:** Head of the laboratory EA 4228 ECOMERS “Ecology of Marine Ecosystems and Responses to Stress” (Nice University) - 15 Researchers, 4 Technicians, 15 PhD students
- 2004-2007:** Scientific Director of the laboratory EA 3156 “Gestion de la Biodiversité” (Nice University)
- 2002 :** Nomination Full Professor 2nd Grade at Nice Sophia Antipolis University
- 1998-2002:** Assistant Professor, Nice University, and Director of the Natural Sciences Department, Nice IUFM (formation of natural sciences secondary school professors)
- 1990:** PhD University Paris VI et Aix-Marseille II.

SCIENTIFIC RESPONSIBILITIES

University, Research Institutes

Head of the Department “Earth and Life Sciences” at IUFM Nice educational district (1998 to 2002; centres of Nice, Draguignan and La Seyne-sur-Mer).

Member of the Scientific Commission CSS3 of the IRD (Institute for Research and Development), from 2003 to 2007.

Member of Specialist Commission (in charge of recruitment in the French Universities until 2008) at Nice University since 2005, and Vice-President from 2007 to 2008.

Scientific Director of the laboratory EA 3156 (2006-2007), 8 permanent positions (researcher and technical staff)

Creation and Head of the laboratory EA 4228 (2008-2011), 16 permanent positions (researcher and technical staff)

Head of the laboratory EA 4228 (2012-2015), 15 permanent and 2 non permanent positions (researcher and technical staff)

Scientific coordination in research projects

PI of scientific programs in marine protected areas: National Park of Port-Cros (France, more than 15 since 1990), Natural Reserve of Scandola (Corsica, more than 15 since 1990), Reserve of Larvotto (Monaco, more than 10 since 1998), Marine Protected Area of Cap-Roux (France, more than 10 since 2005).

PI of scientific programs on artificial reefs in Spotorno and Ventimiglia (Italy, 1989-1990), Beauduc (France, 1991-1992), Carry-le-Rouet (France, 1993), Alpes-Maritimes (France, 2008), and Monaco (since 2011).

PI of a scientific program for the French Ministry of Environment on fish assemblage in *Caulerpa taxifolia* meadows (1998-2001).

PI of the groupers (*Epinephelus marginatus*) monitoring for the “Grouper Study Group” in the Mediterranean: Solenzara (1992), La Ciotat, (every 2 years since 1997), Monaco (every 3 years since 2006), and Natura 2000 “Corniches varoises” (2010)

PI of a scientific program for the Sea Cluster of PACA Region (2012-2014; n°2011 1362)

PI of a scientific program for the TOTAL Foundation for the Biodiversity (2009-2012, FOREFISH)

Scientific advisor for the Natura 2000 network: FR9301624 (2006-2009); FR9301573 (2007-2012); FR9301996 (2009-2012); FR9301995 (2009-2012).

PI of scientific programs for the French Agency for the Marine Protected Areas: 2014 (AAMP/14/034); 2015-2016 (AAMP/15/005)

PI of a scientific program for the European Fisheries Fund (2011-2013)

Member of various programs: EC (Cost 647, 1991; DG XIV, 1994-1996; Life, 1994-1996; CA, 1995-1998; Life, 1997-1999; MAST III, 1997-1999; COST ES0906, 2010-2012; FP7-PEOPLE-2011-ITN MMMPA, co-PI of a work package, 2012-2014), FP7-OCEAN-2011 COCONET, co-PI of a work package, 2012-2014); ANR (“Amphore”, 2008-2010); Liteau III (“PAMPA”, 2008-2010); FUI (co-PI of a work package, 2012-2014);

MEDPAN (co-PI, 2013-2014); MED-14-06-FishMPABlue (co-PI, 2014-2015); MED-FishMPABlue 2 (co-PI, 2017-2019).

SCIENTIFIC ACTIVITIES

Environment

Member of several Scientific Committees: Scandola Natural Reserve (Corsica; 1990-2015), Naturel Heritage in PACA Region (France, 1998-2014), Ministry of Environment - Liteau program (2006-2016); Rio Tinto Aluminium Gardanne (2010-2012).

President of the Scientific Committees: "Marseille Artificial Reefs" (from 11/2011 to 03/2015), International University of the Sea (from 12/2011 to 12/2013), Marine Protected Areas of Monaco (since 2016).

Member of the board of Directors: Permanent Centre of Initiation to Environment (La Ciotat, France, 2002-2006); "Conseil Scientifique des Îles Lérins" (Cannes, France, since 2002, and Vice President since 2005); Grouper Study Group (since 2004).

RESOMAR (French National Network of the Marine Stations and Laboratories): ECOMERS is member since November 2011.

IUCN: Mediterranean Group of IUCN's World Commission on Protected Areas - Marine (WCPA MMED, 2005-2009); Grouper and Wrasse Specialist Group (since 2006); Snapper, Seabream and Grunt Specialist Group (since 2012); Red List Mediterranean Marine Fish (since 2007); Marine Mediterranean Invasive Species (since 2012); French IUCN Committee for Species Protection (since 2015).

International scientific Journals

Member of editorial board: Mésogée (2004-), Marine Life (2005-), Pelagos (2006-); Acta Ichthyologica et Piscatoria (2009-2010).

Associate Editor Acta Ichthyologica et Piscatoria (<http://www.aiep.pl>) since 2010; The Scientific World Journal (<https://www.hindawi.com/journals/tswj/editors/ecology/>) since 2013

Expertises

Scientific expert for AERES's evaluation of Research Units: UMR 5178 BOME (S. Dufour and T. Oberdorff; 02/2008); UMS ORELI (E. Feunteun; 02/2008); UMR EME, Université Montpellier /IRD/Ifremer (P. Cury; 02/2010); USR 3278 CRIOBE (S. Planes; 01/2013; President of the committee); MNHN-UPMC-CNRS 7208 - IRD 207 BOREA (S. Dufour; 01/2013); UMR ENTROPIE, Université La Réunion and IRD (M. Le Corre; 01/2014; President of the committee); OSU-Réunion (J.P. Cammas; 02/2014); SF-EBOI (Henrich Bruggemann; 05/2014; President of the committee)

Membre of the "Commission nationale Flotte et Engins - Evaluation", IFREMER (2008-2011).

Expert appointed to the Ministry of State for Infrastructure, Environment and Urban Planning of the Principality of Monaco (since 2008).

Member of the Scientific Coordination and National Coordination of the "Système d'Information sur la Nature et les Paysages", SINP, for the Ministry of Environment and the National Museum of Natural History since January 2009 (this structure is in charge of the census and database implementation for biodiversity).

Reviewer for the following funding agencies: FRS-FNRS (Belgium): 2010 (4 programmes), 2011 (7), 2012 (2), 2013 (3), 2014 (2), 2015 (2), 2016 (2), 2017 (2); IFREMER (France): 2012 (2), 2013 (2); ANR (France): 2013 (1), 2016 (1); ANRT-CIFRE (France): 2009 (1), 2016 (1); French National Commission of the Coastal Fleet: 2013 (1), 2014 (1), 2018 (1); IRD: 2013 (1); Private Foundations (France): 2014 (1); Israeli Ministry of Science and Technology: 2018 (1); American University of Beyrouth: 2018 (1).

Scientific workshops

Member of the Scientific Committee of several international workshop: "The protection of coastal and marine environment" (November 2005; Izmir, Turkey), "Les impacts anthropiques sur le milieu marin" (October 2008; Algiers, Algeria), "Contribution des aires marines protégées à la gestion écosystémique des milieux et de leurs usages" (November 2011, Paris, France), "International workshop on Integrated Coastal Zone Management" (Annaba, Algeria, May 2012), "3rd conference on the Zoology and Ichthyology" (November 2012, Marrakech Morocco), "3rd Conference on Biodiversity and coastal Ecosystems" (Oran, Algeria, November 2013), "Estuaries & Coastal Protected Areas, ECPA 2014" (Izmir, Turkey, November 2014), "International Grouper Workshop" (Bodrum, Turkey, October 2016).

Organization of international Symposium: 2nd International Symposium on Mediterranean Groupers (Nice, France, May 2007); Symposium of the French Society of Zoology (Nice, September 2011).

Member of Organising Committee: ASLO 2009 (Nice, France, January 2009); Underwater Seascape (French Agency for the Marine Protected Areas on the seascape, Brest, France, March 2011); First Euro-Mediterranean Symposium on Artificial Reefs Management (Marseille, France, February 2013); Water Symposium (Saint-Raphaël, France, September 2014).

Scientific journals

Reviewer for the following journals: *Acta Ichthyologica et Piscatoria*, *Aquatic Conservation*, *Aquatic Invasions*, *Aquatic Living Resources*, *Biological Conservation*, *Environmental Conservation*, *Fisheries Research*, *Journal of Environmental Management*, *Journal of Fish Biology*, *Journal of the marine biological Association of UK*, *Marine Biodiversity Records*, *Marine Biology*; *Marine Ecology Progress Series*, *Marine Environmental Research*, *Marine and Freshwater Research*, *PLoS One*, *Scientia marina*

MASTER, PhD, and POST-DOC

Directions and co-directions of 42 Masters (since 1995); Directions and co-directions of 16 PhD (since 1997); Directions of 4 Post-Doc (since 2008); Jury's member of 40 PhD (since 1998), and 4 HDR (French diploma allowing to apply to full professor positions; since 2001).

RESEARCH INTERESTS

Fish Assemblages: Inventory, systematic, species biology and ecology, assemblage ecology, high trophic level predator ecology, habitat spatial complexity and biodiversity relationships, juvenile recruitment (rocky areas; seagrass beds, *Caulerpa taxifolia* meadows), global warming impact

Non Indigenous Species: Inventory, spreading within the Mediterranean throughout Gibraltar Strait and Suez Canal, control (theoretical analysis).

Echinoderms: Inventory, ecology of Holothurians and Sea-Urchins

Marine Protected Areas: Sitting, implementation, management, monitoring, tropho-dynamic models (EwE)

Artificial Reefs: Dynamic, management, monitoring, design

Integrated Coastal Zone Management: Mooring, fisheries management, Scuba diving impacts

Bio-indicators: Development for fish, seagrass beds, and macro-algae

Citizen Science: implementation of monitoring

PUBLICATIONS

92 Publications indexed in Web of Sciences; Orcid: [0000-0002-8489-1319](https://orcid.org/0000-0002-8489-1319); Scopus ID: [6701462157](https://scopusid.com/6701462157); *H* ISI = 24; *H* Google Scholar = 33; *I*₁₀ Goggle Scholar = 92; *H* Research Gate = 28; IF max: 4.393 (*Ecological Applications*); IF₂₀₁₇ average: 1.807; IF₂₀₁₇ Total: 166.229; 28% in 1st quartile; 55% in the 2 first quartiles; ResearchGate score = 35.07.

The complete list of publications can be downloaded at <http://www.unice.fr/ecomers>; see also www.researchgate.net/profile/Patrice_Francour/

Book Chapters

Echinoderm Research: **1 chapter**, 1992 (Balkema Publisher)

Artificial reefs in European seas: **2 chapters**, 2000 (Kluwer Academic Publishers)

Artificial reefs Evaluation **1 chapter**, 2000 (CRC Press, collection Marine Science Series)

Fish Invasions of the Mediterranean Sea **1 chapter**, 2010 (Pensoft Publisher)

Underwater seascape. From geographical to ecological Perspectives: **3 chapters**, 2014 (Springer Verlag)

Seagrasses of Australia: **1 chapter**, 2018 (Springer Verlag)

Edition of Books and Scientific Symposiums

Guideline for the creation of marine protected areas in the Mediterranean: juridical, biological, and ecological aspects (2005)

Management guide for Marine Protected Areas of the Mediterranean sea. Permanent Ecological Moorings (2006)

Second International Symposium on the Mediterranean Groupers (2007)

UNEP-MAP-RAC/SPA: *Non-native species in the Mediterranean: What, when, how and why?* (2011)

Congress of the French Society of Zoology (2011)

IUCN: *Overview of the Conservation Status of the Marine Fishes of the Mediterranean Sea* (2011)

IUCN: *Monitoring marine invasive species in Mediterranean marine protected areas (MPAs): A strategy and practical guide for managers* (2013)

Impact Factor	2017	IF 5 ans	Q	Nb
Acta Ichthyologica et Piscatoria	0.708	0.749	Q3	8
Acta Zoologica	1.074	1.177	Q3	1
Aquatic Biology	1.932	1.856	Q2	1
Aquatic Botany	1.787	1.931	Q2	1
Aquatic Conservation-Marine and Freshwater Ecosystems	2.988	2.871	Q1	3
Aquatic Living Resources	0.525	1.254	Q4	1
Archiv für Hydrobiologie	1.361	1.352	Q3	1
Biodiversity and Conservation	2.828	2.948	Q1	1
Bird Study	1.124	1.178	Q2	1
Brazilian Journal of Oceanography	0.947	1.074	Q3	1
Comptes Rendus Académie des Sciences	1.313	1.330	Q3	1
Cybium	0.346	0.615	Q4	10
Ecological Applications	4.393	4.892	Q1	1
Ecological Engineering	3.023	3.430	Q2	1
Ecological Indicators	3.983	4.391	Q1	1
Ecosphere	2.671	3.007	Q2	1
Environmental Conservation	2.293	2.520	Q2	1
Environmental Management	2.177	2.427	Q2	1
Environmental Pollution	4.358	5.291	Q1	1
Environmental Science and Pollution Research	2.800	2.989	Q2	1
Estuarine Coastal and Shelf Science	2.413	2.732	Q1	2
Fisheries Management and Ecology	1.624	2.051	Q2	1
Hydrobiologia	2.165	2.444	Q2	2
ICES Journal of Marine Science	2.906	2.969	Q1	1
Invertebrate Biology	1.333	1.288	Q2	1
Italian Journal of Zoology	0.597	0.813	Q4	1
Journal of Applied Ichthyology	0.774	1.030	Q3	1
Journal of experimental Marine Biology and Ecology	1.99	2.171	Q2	1
Journal of Fish Biology	1.702	1.829	Q2	3
Journal of Marine Systems	2.506	2.499	Q1	1
Journal of the Marine Biological Association of the United Kingdom	1.403	1.232	Q3	4
Marine and Freshwater Research	1.674	1.876	Q2	1
Marine Ecology Progress Series	2.276	2.682	Q2	4
Marine Ecology-An Evolutionary Perspective	1.246	1.432	Q3	3
Marine Environmental Research	3.159	3.613	Q1	2
Marine Policy	2.109	2.495	Q1	1
Marine Pollution Bulletin	3.241	3.767	Q1	4
Mediterranean Marine Science	1.984	2.229	Q2	2
Ocean & Coastal Management	2.276	2.349	Q2	1
Oceanologia	1.614	1.585	Q3	1
Oceanologica Acta	1.823		Q2	1
PLoS ONE	2.766	3.352	Q1	4
Progress in Oceanography	4.270	3.760	Q1	1
Reviews in Fish Biology and Fisheries	3.299	3.682	Q1	1
Revue d Ecologie-La Terre et la Vie	0.350	0.369	Q4	3
Russian Journal of Marine Biology	0.409	0.465	Q4	1
Scientia Marina	1.183	1.182	Q3	3
Scientific Reports	4.122	4.609	Q1	2
Vie Milieu	0.475	0.522	Q4	1