

Jérôme FOURNIER-SOWINSKI
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Muséum national d'Histoire naturelle
Marine Station
Place de la Croix BP 225
29182 CONCARNEAU CEDEX, France

SCIENTIFIC DEGREES

University of Brest / European Institute of the Sea Habilitation degree (HDR), Biology Bioconstructions of <i>Annelida Polychaeta</i> , complexity of organization's levels from organism to ecosystem	Brest 2013
University of Rennes Ph.D, Biogeography Dynamic of the biodiversity of macrobenthos from infra- and circalittoral biocoenosis of hard substrata	Rennes 2000
University of Rennes M.Sc, Geomorphology Contribution of the mathematical morphology to the quantitative and theoretical geomorphology	Rennes 1992

SCIENTIFIC TRAINING

Postdoctoral research Ecole Pratique des Hautes Etudes	Paris 2000-2001
Bachelor's degree, Masters degrees University of Rennes University of Dijon	1990-1992 1987-1989

SCIENTIFIC CAREER

Muséum national d'Histoire naturelle CNRS Research scientist (CRCN>CRHC>Ech. exceptionnel) Biology and Ecology of Worm-Reefs	Paris, Concarneau 2006 - Present
Ecole Pratique des Hautes Etudes CNRS Research scientist (CR1) Biogeomorphology of Worm-Reefs and Carbonate Deposits	Paris, Dinard 2000 - 2005

COLLECTIVE RESPONSABILITIES

French Polar Institute Member/Expedition leader	Dumont d'Urville, Ny-Ålesund 2008 - 2022
UMR Team leader Training coordinator, IT coordinator Scientific advisory board of research unit, marine station	Dinard, Concarneau 2024 – Present 2006 – Present 2006 - 2018

TEACHING

Muséum national d'Histoire naturelle

Lecturer, Seminar in coastal ecology

Paris, Concarneau

2006 - Present

Ecole Pratique des Hautes Etudes

Lecturer, Seminar in sedimentology, biogeomorphology, ecology

Paris

2000 - 2005

University of Rennes

ATER, Geomorphology, physical geography

Monitor CIES, Physical geography

Rennes

1998-2000

1992-1998

SUPERVISION OF STUDENTS, YOUNG SCIENTISTS, ENGINEERS ($n = 131$)

8 Postdoctoral scientists

10 Research Engineers + **16** VSC sciences

10 PhD students + **7** CSI of PhD

56 MSc students

20 Bachelor's degree students + **6** Engineering students

RESEARCH PROGRAMS

Fundamental research, international programs ($n = 29$) 2.600 Keuros

Fundamental research, French programs ($n = 27$) 1.500 Keuros

Research contracts ($n = 26$) 750 Keuros

EXPEDITIONS / FIELD CAMPAIGNS

Cold environments ($n = 25$) Antarctic, Kerguelen, Crozet, Svalbard, Iceland, Canada, Patagonia, Tierra del Fuego (=36 months)

Hot environments ($n = 23$) Brazil, French Caribbean islands, Indonesia, Australia, La Réunion, Mayotte, Eastern Africa, French Polynesia, (=38 months)

41 Oceanographic expeditions in French waters (> 360 days at sea)

18 Oceanographic expeditions in international waters (>230 days at sea)

9 Maritime transfers Austral Ocean (>130 days at sea)

SPECIAL SKILLS

CNRS Chief scientific diver / Professional diver

TAAF Polar diving expert

MNHN Instructor in bird banding

MNHN/CNRS/ONCFS Degree in animal experimentation for free-living wildlife

CNRS Specialist in fieldwork in extreme and/or isolated environments

CNRS Certified first aider

SCIENTIFIC PRODUCTION ($n = 539$)

94 Scientific journal articles, **18** Congress articles

29 Book chapters, **10** Scientific books, **4** Theses and dissertation and **9** Atlas

107 Conference proceedings abstracts, **20** Articles from non-indexed journals

83 Technical and expert reports, **21** Naturalists reports

49 Posters, **27** Published maps, **18** Field guides, **48** Lessons, **2** Software

+**106** Conferences and seminars