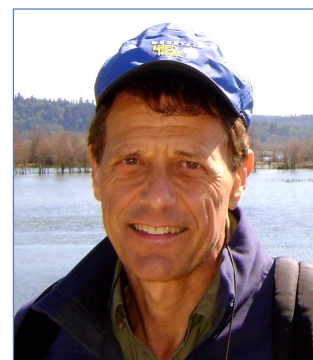


## CURRICULUM VITAE

**Dr. Hans Julian HARTMANN**

**Marine/Plankton Ecology, Coastal Environment and  
Management**

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### CURRENT SITUATION

**Tenured Associate Professor of Marine Biology**

("Maître de Conférences" hors classe, CNU 67), Université de La Rochelle (since 9/1994).

### MAJOR ACTIVITIES and RESPONSABILITIES:

- *Research in Marine Ecology with specialties in Plankton/Microbial ecology, Mangroves/Wetlands, small-scale Fisheries, socio-economic factors in coastal conservation and resource management.*
- *Teaching in Biostatistics, Oceanography, Marine Ecology, Integrated Coastal Management, Transdisciplinary approaches (graduate and undergraduate and doctoral projects in Tropical Coastal and Fisheries Management).*
- *Institutional and Academic Coordination of International Relations and Exchange Programs.*

### EDUCATION

- **Ph.D.**, Aquatic Ecology and Fisheries, **1987**. University of Washington, Seattle, USA (Direction: Professor Frieda B. Taub)
- **Master of Science**, Biological Oceanography **1974**. University of Washington, Seattle, USA (Direction: Professor George Anderson).
- **Exchange Student**, Reed College, Portland, Oregon, USA. **1970-71** (*Exchange Scholarship in Biology and Nuclear Chemistry*).
- **Vordiplom** (two-year undergraduate degree) Biology, **1970**. Ludwig Maximilians Universität, Munich, Germany.

### RESEARCH

**Plankton ecology, food web dynamics** (since 1983, 22 major publications)

Temperate and tropical coastal waters, wetlands, lakes:

- **Grazing behavior** and grazing impact on prey populations
- **Microbial communities** (virus-bacteria-flagellates)
- **Microplankton-mesoplankton interactions** (phytoplankton, microzooplankton, mesozooplankton) and trophic cascades.
- **Plankton seasonal cycles** and food web dynamics.

Recent relevant research project participations:

ANR (French National Research Agency) *Aquaphage and Vasiremis* (**2007 – 2012**)

**Coastal Environment and Management, Fisheries** (since 1989, 4 major publications)

- ***Participatory management and conservation of coastal areas.*** Focus on tropical environments, water quality, microbial ecology and small-scale fisheries. Central and Meso- America, Southeast Asia. Financed by foundations and various university, government and international funds. Based in France (**since 1993**).
- ***Effects of Fisheries on Marine Ecosystems.*** Work with fisheries constituencies, conservation groups, native peoples governments of the Northeast Pacific Region. Financed by contracts with NGOs, USA, Canada, Alaska. Based originally in Seattle, USA (**1989-1992+**)  
Recent relevant research project participations: GEF/UNDP *International Waters* (**2008 – 2012**); French decentralized regional cooperation La Rochelle –Kendari (Indonesia) (**2012-2015**)

#### **Previous research (doctoral/predoctoral) (1972 – 2000).**

- ***Biological nutrient recycling and problems of eutrophication in lakes.*** Ph.D. dissertation, financed by contracts with the Washington State Water Research Center, USA; University of Washington (**1980-1986**).
- ***Ecotoxicology studied in aquatic microcosms.*** Research Assistant, financed by the National Food and Drug Administration, USA; University of Washington (**1977-1979**).
- ***Oceanic primary production and heterotrophic activity.*** Master's Thesis, financed the Ministry of Energy, USA; University of Washington (**1972-1974**).
- ***Arts, Sciences and Technology –an interdisciplinary approach.*** Collaboration on the topics of time, limits and transformations. Financed by the Maison des Sciences de l'Homme (Université de La Rochelle) and Ballet Atlantique Régine Chopinot, La Rochelle, France (**1999-2000**).

#### **INTERNATIONAL PROJECT DEVELOPMENT**

- Coordinator of International Relations in Sciences, Université de La Rochelle, France: **1995-present**.
- Co-coordinator, « ALFA-COSTA » network. Consortium on Coastal Research and Management (partners from 8 nations in the Caribbean, Latin America and Europe). Project development, implementation and co-direction. **1996 – 2002 and 2005 - 2008**.
- Co-Coordinator, Steering Committee member Lecturer, International Master of Science Program « *Gestión Integrada de Áreas Costeras Tropicales* » Universidad de Costa Rica. European "ALFA - GIACT" Project. Partners from 7 nations in Latin America and Europe. Project development, supervision and co- direction. Since **2002**.
- Project Director, « Marine Science Student Mobility ». European Coordinator, financed by the « EC-US Consortia » bilateral program between Europe and the USA. Six partner institutions. Project development, direction and financial responsibility. **1999 - 2004**.
- Member of the Working Group FER/UNESCO « Eje Oceanos » (Theme :« Gestion Integrada de Zonas Costeras »), Latin American – European Workshops. Project development. **1998-2000**.
- Member of the Steering Committee, « Golfo Dulce International Research Project », Costa Rica.. Project development. **1995-1998**.

#### **SHORT-TERM/ SABBATICAL LEAVES (1993-present)**

- **Coordinator of Marine Programs, Fundación TUVA**, Costa Rica: (Sabbatical leave and follow-up, **2001 - 2003**). Initiative "*Hacia el Manejo Sostenible del Golfo Dulce*".
- **Guest Lecturer and Researcher**
  - *Universidad de Costa Rica*, (since **1997**): *Research in Mangrove Ecology; Co-Coordination of the M. Sc. Program « Gestion Integrada de Areas Costeras Tropicales ».*
  - *Academic Institutions of Morocco* (Universities of Casablanca, Rabat, Tétouan, El

- Jadida): (1989, 1990, 2010) *Lectures on Eutrophication*.
- **Zentrum für Marine Tropenökologie (ZMT)**, Bremen, Germany (3/1997). Postgraduate Course for the ALFA-COSTA network: «*Coastal Pollution, its effect and diagnostics in natural communities*».
  - **Université du Québec, Rimouski (UQAR)**, Québec, Canada (2-5, 1993); *Research on Plankton Ecology and Ecotoxicology, Teaching in Estuarine Ecology*.

#### PREVIOUS EMPLOYMENT and EXPERIENCE

- **Temporal Assistant Professor (ATER)**, Université Blaise Pascal/IUFM, Aubière-Clermont Ferrand, France (1993/4). *Research in Aquatic and Coastal Ecology, Teaching in Limnology and Oceanography for High School Teachers*.
- **Post-doctoral Research Associate**, Université Blaise Pascal, Clermont Ferrand- Aubière, France (1987 - 1993; part-time; interruption by other professional activities in North and Central America). *Research in Aquatic Ecology and Eutrophication; Thesis Supervision. Recipient of the French Chateaubriand and Long-Term post-doctoral Fellowships*.
- **Program Director (1989-1992)**. Aquatic Resources Conservation Group, Seattle, USA. *Project development, direction and consulting: Fisheries Effects on Marine Ecosystems; Member of the United States North Pacific Fisheries Management Council*.
- **Research Associate (1980-1987, part-time)**. University of Washington, Seattle, USA. *Ecotoxicology, aquatic microcosms, and plankton ecology*.
- **Acting Assistant Professor and Instructor (1978-1985, part-time)**. University of Washington, Seattle, USA. *Teaching in Oceanography and Coastal Ecology*.
- **Professional Training Assistant (1976)**. Graduate and Professional Student Senate, University of Washington, Seattle, USA. “*Summer Science Minority Program*” (*Preparation of Minority High School Students for University Science Instruction*).
- **Research Assistant (1972-1979, part-time)**. Schools of Oceanography and Fisheries, University of Washington, Seattle, USA. *Marine plankton ecology, ecotoxicology and aquatic microcosms*.
- **Teaching Assistant (1971-1975, part time)**. School of Oceanography, University of Washington, Seattle, USA. *Teaching in phytoplankton ecology*.

#### ADMINISTRATIVE FUNCTIONS and COMMITTEES

- **Coordinator of International Relations in Biology and Earth Science**, Université de La Rochelle, since 1996
- **Academic coordinator of international relations for Europe**, (Assistant to the University President), Université de La Rochelle, France. 2001 - 2008.
- **Member of the International Relations Commission**, Université de La Rochelle, France. 1996 - 2008.
- **Organizing Committee**, International Congress of Malacology, Université de La Rochelle, France, 2002-03.
- **Member of the Scientific Committee**, “International Congress on Arts, Sciences and Technology”, La Rochelle, France, 2000-2001.
- **Organizing Committee**, Congrès français de Limnologie (AFL) 1994, Clermont Ferrand, France. 1993-94.
- **Scientific Committee**, Conservatoire des Espaces Naturels de Franche-Comté, Besançon, France 1992-94.
- **Rapporteur**, World Fisheries Congress, Athens, Greece (1992). Workshop “*Full Utilization, By-catch, and Waste Management*”. 1992.
- **Expert**, National Steller Sea Lion Recovery Team, Fairbanks, USA. 1990-91.

#### Other Administrative and Public Engagement

- **President**, “Les Petits Debrouillards”, French Organisation for Environmental and Science Education, Poitiers, France. **2006 - present**
- **Administrative Council**, ACROPORIS, French NGO for the protection of coral reefs and tropical coastal environments. **2008 - present**.
- **Administrative Council**, Student Health Insurance, Student Member, University of Washington. **1981-82**
- **Faculty Search Committee**, Institute for Environmental Studies. Student Representative, University of Washington. **1973-75**
- **Executive Committee**, Foundation of International Understanding through Students (FIUTS), Student Representative, University of Washington. **1972-73**
- **Administrative Council**, "Students for Europe", Munich, Germany. Organization and direction of international student exchange activities. **1968-70**

#### **SPECIAL MENTION, AWARDS AND FELLOWSHIPS**

- **“Expert of influence”** (“*Experto de peso*”), cited in the book “*Guerreros del Golfo Dulce*”, pp. 227-230, by Helena van den Hombergh (Ed. Colección Universitaria, Costa Rica) concerning controversial environmental Issues (**1999**).
- **Invited Professorship**, Ministère de l'Enseignement et de la Science, Québec, Canada (**1993**).
- **Fellowship “Sejour Scientifique De Longue Duree”** (Young Foreign Researcher Fellowship), Ministère des Affaires Etrangères, France (**1988- 1989**).
- **Chateaubriand Fellowship** (Post-graduate Research Fellowship for Foreigners), Ministère des Affaires Etrangères, France (**1987**).
- **Egtvedt Trust Award** (Price of Excellence in Doctoral Research), U. of Washington, (**1983**).
- **Award for Excellence in Teaching Oceanography**, U. of Washington (**1979**).
- **Egtvedt Research Fellowship** (Graduate Research Fellowship), U. of Washington (**1979**).
- **Science Exchange Scholarship**, University of Munich, Germany and Reed College, Portland, Oregon, USA (**1970- 1971**).
- **Summer Scholarship**, Lions International of France, La Baule (**1967**). Participation at the Summer School "Centre Culturel International de La Baule" (Selection by competition).

#### **LANGUAGES**

**German** (native language)

**English\*\*\*, French\*\*\*, Spanish\*\*\*** (complete command)

Italian\* (read and basic conversation).

#### **RECENT Ph.D. THESIS CO-DIRECTION**

*Feasibility and community management of the ornament fishery in the Gulf of California and adjacent islands.* Nathalie GERMAIN, U. Autónoma Baja California Sur (Mexico) and Univ. La Rochelle. Co-direction with Prof. Hector Reyes Bonilla, La Paz, Mexico (**2010-2013**) Defense planned for 7/2014.

*The participation of artisanal fishing communities in the management of coastal marine resources : The case of Costa Rica.* Luc FARGIER, Univ. La Rochelle Co- direction with Prof. V. Duvat-Magnan (**2007-2011**) Defense 6/2012.

*Interactions between virus, flagellates and bacteria in the microbial food web of Marennes-Oléron Bay, France.* Pascaline ORY, Univ. La Rochelle. Co-direction with Prof. H. Montanié (**2006-2010**). Defense 4/2010.