

**Olivier Thébaud**

Resource Economist

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Email: [Olivier.Thebaud@ifremer.fr](mailto:Olivier.Thebaud@ifremer.fr)Web : <http://www.researcherid.com/rid/D-9792-2011>**Born 18/03/1969; French citizen****Research interests**

- Resource and environmental economics; behavioural economics; ecological-economic modelling for Management Strategy Evaluation; Ocean Policy

**Education**

- **French Research Supervision Accreditation (HdR)**, University of Brest ( 2010)
- **PhD** (with distinction) from the School of Higher Studies in Social Sciences, Paris, France (1998)
- **Post-graduate diploma in marine and coastal resources management** (with distinction), University of Nantes, France (1992)
- **MSc in International Economics** (with distinction): University of Paris I, Panthéon-Sorbonne, France (1991)

**Career experience**

- 2013- Researcher**, Maritime Economics Unit &, AMURE Research Group, Ifremer, Brest, France
- 2013- Adjunct Professor**, Queensland University of Technology, Brisbane, Australia
- 2009- 2013 Senior Economist**, CSIRO Marine and Atmospheric Research, Brisbane, Australia
- 2008-09 Deputy Director of AMURE** (Ifremer/UBO) joint research group, Plouzané, France
- 2007-09 Head of the Economics Department** of IFREMER, Plouzané, France
- 2004-09 Associate Professor** (part-time), University of Western Brittany, Brest, France
- 2004-08 Member of the Directorate of the AMURE research group**, Plouzané, France
- 1998-09 Researcher**, Marine Economics Service, IFREMER, Plouzané, France
- 1995-98 Research Fellow**, Centre for the Economics and Management of Aquatic Resources (CEMARE), University of Portsmouth, UK
- 1992-94 Researcher**, IFREMER Martinique, FWI

**Publications (updated September 2013)**

Source	ISI	Harzing's PoP
n° with citation data	36	195
Citations	264	868
Cites/paper	7.33	4.45
h-index	9	14

**Awards / Distinctions**

- GN Alexander Medal by Engineers Australia for a paper on coastal erosion risks (2012, <http://www.hwrs2012.org.au/alexander.html>)
- Invited participant at the 2012 conference on the Green Economy, Australian Academy of Science
- CSIRO Marine and Atmospheric Internal Awards for (i) successful deployment of an economic survey in the Great Barrier Reef Line Fishery (2012), and (ii) contribution to Ningaloo Research Program (2012)
- OECD Best Policy Paper (honourable mention), IIFET 2008 conference (Vietnam)
- Nomination to the grade of Professor (associate), University of Brest (décret of 6 January 2005)
- French National Research Agency award (820 KEuros) for project on global change and fisheries viability, co-animated with Dr Blanchard (2005-09)
- European FP5 Marie-Curie Fellow (1995-1997)

**Professional memberships and collaborations**

- International Institute for Fisheries Economics and Trade (IIFET)
- Australian Agricultural and Resource Economics Association (AARES)
- European "Marie Curie" fellows association
- EHESS alumni association

### **Key international research collaborations**

- Organizer of a joint ICES-MABIES (<http://www.ihp.fr/fr/ceb/mabies>) workshop on "Building ecological-economic models and scenarios", Paris (2013)
- Working Group on "Integrative Physical-biological and Ecosystem Modelling": member and co-chair of workshop on developing human dimensions in ecosystem models, International Council for the Exploration of the Sea, 2012-2013 ([www.ices.dk/products/Insight/INSIGHT49.pdf](http://www.ices.dk/products/Insight/INSIGHT49.pdf)).
- Scientific Committee of the conference on research needs in support of MPA management in France, French Marine Protected Areas Agency (2011)
- International expert group on research prioritization in the domain of marine biodiversity for the French research institute Ifremer, 2010.
- Organizing Committee and Scientific Committee of the 2010 conference of the International Institute for Fisheries Economics and Trade (IIFET) in Montpellier (France)
- French-Australian collaboration on integrated modelling tools for marine resources management (2008-2009)
- European funded TRANZEF project: French-New-Zealand collaboration on access regulations in fisheries (2007-2008)
- Scientific Steering Group of GLOBEC-FAO symposium on Coping with Global Change in marine social-ecological systems, Rome (2008)
- Organizing committee of the French Fisheries Science Association's 8th forum on "Reversible and irreversible changes in resources and their uses", La Rochelle, France, (2007)
- Scientific steering group of three international workshops on the valuation of damages caused by oil spills (UNESCO, Paris, December 2008; IUEM, Brest, May 2007 and Institut Oceanographique, Paris, May 2006).
- Scientific Committee of the 5th French Biodiversity Institute conference on "Global change, biodiversity and ecosystems: towards which ecological services?", Tours, France (2007)
- Organizer of a series of seminars with North American economists including Professor Lee Anderson (University of Delaware, USA), Dr. Norman Meade (Head of NOAA Assessment and Restoration Division), Professor Anthony Charles (Saint Mary's University, Halifax, Canada), Dr. Brad Gentner (Head of Recreational Fisheries Economics at NOAA/NMFS), Paris and Brest (2006-2007)
- Organizing committee of the workshop on "The ecosystem approach to fisheries management: what are the research priorities?", Institut Océanographique, Paris (2006)
- Organizing committee of the workshop on "Regulating access to marine living resources: key issues in the coastal zone", Institut Universitaire Européen de la Mer, Plouzané, January 2006
- Organizing committee of the workshop on "Biodiversity: challenges for fisheries management", international conference on Biodiversity, Science and Governance, UNESCO, Paris (2005)
- Member of the organizing committee of the final conference on the Bay of Biscay integrated research project, Ifremer, Plouzané (2005) <http://www.ifremer.fr/gascogne/>

### **National and international expert groups**

- International expert group on Research Priorities for Marine Biodiversity, Ifremer (2010).
- Joint ICES, European Science Foundation Marine Board and European Fisheries and Aquaculture Research Organisations working group on Science dimensions of Ecosystem Approach to Management of Biotic Ocean Resources (2008-09)
- Group "Rare resources" of the French futures assessment (France 2025), Centre d'Analyse Stratégique of the Prime Minister (2008-09)
- Scientific Council of the French Agency for Marine Protected Areas (2007-2012)
- French National Scientific Research Centre's network on "Mathematics, Decision and Sustainable Development" (2008-2009) ([http://cermics.enpc.fr/~delara/RTP\\_CNRS\\_2007/RT\\_P\\_CNRS\\_web/](http://cermics.enpc.fr/~delara/RTP_CNRS_2007/RT_P_CNRS_web/))
- Contributor on economics aspects to the group on "Protection of biodiversity and natural resources" of the "Grenelle de l'Environnement" (2007)
- Steering committee of the IFRECOR study on the economic value of coral reefs, Ministry of Ecology (2007)
- Network of expert advisors of the French Ministry of Foreign Affairs on issues related to the International Convention on Biological Diversity (2005-09). French Delegation to the first workshop of the Biodiversity Convention on protected areas, Montecatini, Italy (2005)
- French national scientific commission "ECOREC" on the Ecology of resources and the coastal systems (2003-2007)

- Retrospective assessment of buyback schemes in fisheries for the French Directorate of marine fisheries (contributor, 2006)
- Studies for the region of Brittany on revenues from commercial fisheries and access regulation issues (contributor, 2006)
- Steering committee of the national research program on the impacts of the Erika oil spill, Ministry of Ecology (2003-04)
- Steering committee of two studies on the economics of recreational fisheries and aquaculture under the new European Water Directive, Agence de l'Eau Seine-Normandie (2003-04)
- Working group on « Economics » of the National network on water related information (Réseau National des Données sur l'Eau - RNDE), Ministry of Planning and Environment (2001-02).
- National Coastal Environment Commission, work on the issue of economic valuation of coastal management policies (2001).
- Fulton). Marifish-ICES joint workshop on integrated ecosystem modelling, Barcelona, Spain.
- 2010. 'Selecting viable recovery paths towards sustainable fisheries'. Queensland University of Technology, Brisbane
- 2010. 'Catchment-to-Coast Management Strategy Evaluation in South East Queensland, Australia'. International workshop on the economics of coral reef conservation, organised by the South Pacific Commission and the CRISP research programme, Noumea, New Caledonia.
- 2010. 'Fisheries Economics: key research directions'. Kickoff meeting of the Australian Network for Fisheries Economics, AARES Conference, Adelaide.
- 2010. 'Choice modelling - fisheries applications'. Complex Systems Science Week, Canberra.
- 2008. 'Regulating access to fish stocks or to marine ecosystems: a change of paradigm for fisheries management? An economic perspective'. 2012 Marine Targets Seminar, European Marine Strategy and issues in the High Seas, Brest, December.

#### ***Invited presentations***

- 2013. Identifying viability thresholds for stochastic bio-economic systems managed with multiple objectives. Mathematics of Bio-Economics (a program of Mathematics of Planet Earth 2013), Institut Henri Poincaré, Paris.
- 2012. Use of economic instruments for fisheries management. Environmental and Resource Economics in Queensland, A networking Event for Researchers and Policy makers; Queensland University of Technology, Brisbane.
- 2012. Integrated approaches to the evaluation of management strategies for water quality in the coastal zone. Gordon-like conference on « Land-Ocean Connectivity - from Hydrological to Ecological Understanding of Groundwater Effects in the Coastal Zone », Europôle Mer, l'Aber Wrac'h.
- 2012. Including human dimensions in integrated marine ecosystem models: Australian examples. IIFET special session on « Coupled Economic-Ecological Models for Ecosystem-Based Fishery Management: Exploration of Tradeoffs Between Model Complexity and Management Needs », Dar-es-Salaam.
- 2011. French-Australian research cooperation in Marine Resource Economics. Assises de la Mer, Brest.
- 2010. 'Integrated modelling of marine social-ecological systems with Atlantis' (prepared with Beth
- 2008. 'Regulatory approaches to fisheries management and fisheries responses: the European context and selected examples'. Keynote presentation at the workshop on "Analyzing the dynamic response of fisheries production systems to biological, social and economic management measures: methods and case studies", CSIRO, Hobart, Australia, December.
- 2007. 'Key issues for the future of the EU fishing industry'. Seminar on "Economic dimensions of European fisheries", E.U. Commission, DGFish, Brussels, May.

#### ***Grants reviewer***

- National Socio-Environmental Synthesis Center (USA)
- European Research Framework Programs V & VI
- French Biodiversity Institute and Department of Environment research calls
- Ifremer and Brittany Region (France) doctoral fellowship programs

#### ***Teaching experience***

- 2004-09. University of Western Brittany, France. Associate Professor (50%): post-graduate courses in quantitative methods, bio-economic modelling and fisheries and environmental economics.

- 1998-03. University of Western Brittany, France. Post-graduate lectures in natural resource economics.
- 1995-97. University of Portsmouth, U.K: Post-graduate course in fisheries data analysis; lectures on the valuation of un-priced resources.
- 1991-92. University of Nantes, France (under-graduate): introductory macro-economics tutoring.
- R. Girardin (University of Lille): Fisheries access restrictions and ecosystem-based management in the Eastern Channel. Started in 2011. Co-supervised with P. Marchal (Ifremer), Y. Vermard (Ifremer), M. Travers (Ifremer) & B. Fulton (CSIRO)

#### **Mentoring of post-doctoral researchers and topic**

#### **PhD student supervision**

- J. Hay (UBO): *Damage compensation as an economic instrument for the prevention of oil spills*. Awarded in 2006. Co-supervision with J. Boncoeur (UBO).
- Y. Vermard (Agrocampus): *Bio-economic analysis of the dynamics of fishing fleets: application to the case of pelagic fleets operating in the North-East Atlantic*. Awarded in 2009. Co-supervised with D. Gascuel (Agrocampus), P. Marchal (Ifremer) & S. Mahevas (Ifremer).
- B. Drouot (Agrocampus): *Analysis of interactions between commercial and recreational uses of a common pool resource: the case of the French fishery for sea-bass*. Awarded in 2010. Co-supervision with J.P. Boude (Agrocampus) & O. Guyader (Ifremer)
- F. Steinmetz (UBO): *Analysis of the drivers of change in the value of fisheries production: application to the Bay of Biscay fisheries*. Awarded in 2010. Co-supervision with J. Boncoeur (UBO) & O. Guyader (Ifremer)
- K. Hamon (cotutelle UBO, France / UTAS, Australia): *Bio-economic analysis of the impacts of adopting Individual Transferable Quotas in coastal fisheries: the case of the Tasmanian rock-lobster fishery*. Awarded in 2011. Co-supervised with J.P. Boude (Agrocampus), S. Frusher (University of Tasmania), J.C. Soulié (Université de Calais), R. Little (CSIRO)
- S. Gourguet (cotutelle UBO, France / UTAS, Australia): *Ecological and economic viability for the sustainable management of mixed fisheries*. Awarded in 2013. Co-supervised with L. Doyen (CNRS-MNHN), S. Jennings (UTAS), R. Little (CSIRO) & S. Frusher (UTAS)
- J.B. Marre (cotutelle UBO, France / QUT, Australia): *Exploring the economics of coastal and marine ecosystems preservation: estimating use and non-use values and their potential influence in decision-making in New-Caledonia and Australia*. Started in 2010. Co-supervised with J. Boncoeur (UBO), L. Coglan (QUT) & S. Pascoe (CSIRO)
- R. Mongruel (Ifremer), 2001-2002: Economic evaluation of ecosystem services in the Mont-Saint-Michel Bay.
- J.-C. Soulié (Ifremer), 2002-2003: Bio-economic simulation models using individual-based approaches.
- V. Martinet (Ifremer), 2005-2007: Application of viability theory to the modelling of restoration problems in fisheries.
- M. Travers (Ifremer), 2007-2008: Econometric analysis of factors affecting first sale prices in French fisheries.
- S. Kulmala (CSIRO), 2009-2010: Fleet dynamics modeling.
- J. Innes (CSIRO), 2011-2013: Fisheries responses to catch share systems.

#### **Journal reviewer**

Aquatic Living Resources; American Journal of Sociology; Canadian Journal of Agricultural Economics; Conservation Biology; Ecological Economics; Environment and Development Economics; Environmental Development; Environmental and Resource Economics; Fisheries Research; ICES Journal of Marine Science; International Journal of Sustainable Development; International Journal of Sustainable Society; International Journal of Water; Journal of Applied Simulation in the Social Sciences; Marine Resource Economics; Natural Resource Modelling; Reviews in Fish Biology and Fisheries.