

# John Hambrey



Nationality	British
Year of Birth	1951
Profession	Consultant
Specialisations	Sustainable aquaculture and fisheries development and management; seafood certification; biodiversity conservation and management
Languages	English; French; German
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## SUMMARY OF SKILLS AND EXPERIENCE

With a strong academic background in both ecology and economics, John has devoted his professional career to promoting sustainable natural resources management with a particular focus on marine and coastal environments, fisheries and aquaculture. He is an experienced researcher, chairperson, facilitator and writer.

Relevant skills and experience:

- MSC Principle 2 certifications including Barents Sea Cod, Haddock and Saithe; Dutch Razor shell, Greenland shrimp; Norwegian and Danish Nephrops; Norwegian Mussel; South African Hake; Miscellaneous English inshore fisheries (pre-assessments). Also peer review of two Barents Sea Trawl Fisheries.
- Synthesis and analysis of scientific and resource user information in support of policy development
- Public consultation and workshop facilitation in support of improved natural resources conservation and management;
- Facilitation of agency and industry led codes of conduct and practice;
- Sector, regional and enterprise level social, economic and environmental assessment;
- Decision analysis

I have worked throughout the UK, Europe, Asia, the Pacific, and Africa for a wide variety of national and international agencies, development banks, business corporations and non-governmental organisations.

## EDUCATION

- BA Natural Sciences (Applied Biology), Kings College, University of Cambridge (UK) 1973
- Diploma, Technological Economics, University of Stirling, Scotland, 1977
- Ph.D. Resource Economics (aquaculture), University of Stirling, Scotland, 1980

## EMPLOYMENT HISTORY

2003- present	<b>Director</b> , Hambrey Consulting
1998-2003	<b>Director of Research</b> , Nautilus Consultants Ltd., UK
1994 - 1998	<b>Southeast Asia Regional Coastal Aquaculture and Environmental Advisor</b> , UK Department for International Development. Seconded as faculty with Southeast Asia Regional Aquaculture Development Programme. Asian Institute of Technology, Thailand
1988-1990/1992-1994	<b>Senior Consultant</b> , Nautilus Consultants, Scotland
1990-1992	<b>Coastal Development Adviser</b> , ICLARM/Commonwealth Secretariat. Giant Clam Project, Solomon Islands.
1986-1988	<b>Consultant and part time lecturer</b> , Masters Course in Environmental Management, University of Stirling
1982-1986	<b>Project Officer</b> , Western Isles Integrated Development Programme (IDP) and Islands Agricultural Development Programme, Nature Conservancy Council, Scotland
1980-1982	<b>Development Manager</b> , Brunsgaard Fisheries, Zimbabwe

## RELEVANT PROJECT AND RESEARCH EXPERIENCE

More detail on these and other projects, and associated downloads can be found on the web site [www.hambreyconsulting.co.uk](http://www.hambreyconsulting.co.uk)

- **The relevance of Agenda 2030 and the Sustainable Development Goals for the future of aquaculture development.** Interpretation and briefing document for the Food and Agriculture Organisation of the United Nations 2016/17
- **Marine Stewardship Council Principle 2 assessment** and audit of a range of fisheries including Dutch *Ensis* (razorshell) fishery; Barents Sea Cod and haddock; Greenland Prawn; Danish and Swedish *Nephrops*; South African Hake.
- **Chair/Facilitator.** Contracted by SNH as an independent chair for NSRF lynx sub-group meeting. Cairngorms National Park Authority office, Grantown-on-Spey
- **Integrating stock management considerations with market opportunities in the Scottish inshore fisheries sector.** *For Seafood Scotland.* Leader of a 4 person team on a study to assess the potential economic and associated benefits of establishing minimum market landing size in excess of minimum legal landing size for key shellfish species; and to evaluate if such intervention could be undertaken at a regional level. (2014/15)
- **Options and opportunities for the establishment of a Biosphere Reserve in Northern Ireland.** A preliminary consultation and assessment of the opportunities and options for a UNESCO Biosphere Reserve in the Binevenagh area of Northern Ireland. For the Causeway Coast and Glens Heritage Trust.
- **Fisheries Futures for Dumfries and Galloway.** Worked with Nautilus Consultants to undertake a review of the current status of fisheries in Dumfries and Galloway, and identify opportunities for future development. For Dumfries and Galloway Council, UK. (2013)
- **Lead Facilitator, National Species Reintroduction Forum:** *Species translocation for conservation purposes.* Contracted by Scottish Natural Heritage in association with the Royal Botanic Gardens, Edinburgh, to provide independent facilitation services for a stakeholder workshop to review and help further develop a code of conduct for the translocation of organisms (plant and animal) for nature conservation objectives. April 2013, SNH Battleby

- **Evaluation of the Code of Conduct for Responsible Fisheries** (FAO 2011/12) Evaluation of the work conducted by the UN Food and Agriculture Organization 2004-2011 with respect to the Code of Conduct for Responsible Fisheries, including assessment of policy development, field programme, contribution to and participation in international processes, with special attention to capacity development.
- **Seaweed Cultivation: technical, regulatory and commercial advice** (*Scottish Enterprise 2011*). Scottish Enterprise is interested in exploring automated cultivation and harvesting of native seaweeds as a source of biomass for energy and high value chemicals. Leader of a 6 person team providing a comprehensive package of advice in support of R&D, feasibility studies, and commercial development strategy.
- **The management of roadside verges for biodiversity** (Scottish Natural Heritage 2011). An investigation of how roadside verges can contribute to Scotland's National Ecological Network, and how practical and cost effective road verge management can be geared to optimise biodiversity value of road verges as refuges and corridors for wildlife. [Download](#)
- **A Living Landscape.** (Royal Society of Wildlife Trusts 2010) An exploration of the rationale and scientific evidence base for a "living landscape" approach to environmental management. [Download](#).
- **Guidance on chemicals use in aquaculture** (Scottish Natural Heritage 2010/11). Worked with SAMS to develop guidance for SNH staff on the use and effects of chemicals used in marine aquaculture in Scotland.
- **The potential added value of Biosphere Reserves to achieve UK social, economic and environmental goals.** Review of literature and set of case studies to illustrate actual and potential benefits from Biosphere Reserves with a particular focus on the UK. For DEFRA, UK Government. 2007/8
- **The likely future impact of marine site designations on the performance and potential of the Scottish fish farming sector** (Scottish Aquaculture Research Forum, 2008/9). Project leader of an in-depth research project on the level of constraint on aquaculture development associated with environmental regulation and designations, and analysis of the implications for the future development of the industry and social and economic impact.
- **Chair/facilitator. Reform of the Common Fisheries Policy.** Facilitation and reporting of a series of stakeholder meetings to inform the Scottish Government's response to the European Commission's green paper on reform of the CFP. For Marine Scotland, with Poseidon Consultants
- **Chair/facilitator. Environmental assessment in aquaculture:** facilitated a technical workshop for UNs FAO in Rome to develop international guidance on environmental assessment for aquaculture
- **The ecosystem approach to aquaculture** (FAO, 2007). Prepared a background review paper with Prof Peter Edwards, and participated in expert workshop to develop FAO guidelines.
- **Wild Scotland Best Practice Guidelines** (Wild Scotland) Review and finalisation of best practice guidelines for wildlife watching through in depth consultation with Wild Scotland members.
- **The potential added value of Biosphere Reserves to achieve UK social, economic and environmental goals.** Review of literature and set of case studies to illustrate actual and potential benefits from Biosphere Reserves with a particular focus on the UK. For DEFRA, UK Government. 2008.
- **A review of relevant experience of coastal and marine national parks.** A global review for Scottish Natural Heritage preparing the way for the establishment of Scotland's first Coastal and Marine National Park. The project examined 13 case studies from Europe, N America and Australia - exploring the history behind their designation and management, the nature of their objectives, and the factors which contributed to success. [Download](#)
- **Scottish Marine Wildlife Watching Code.** Stakeholder consultation and drafting of a code and guidance for watching coastal and marine wildlife in Scotland. For Scottish Natural Heritage. See [www.marinecode.org](http://www.marinecode.org)
- **Stakeholder facilitation. Action Plan for the Fisheries of the Moray Firth.** Facilitation of the further development of the Fisheries Action Plan, developed by the Moray Firth Fisheries Action group. This included advising on the scope of the plan, relationship with the strategic review of inshore fisheries, identifying funding mechanisms, and facilitating a workshop. *For the Moray Firth Partnership 2006.*

- **Scottish Biodiversity Strategy** For the Scottish Executive (SEERAD). Following on from a thorough analysis and synthesis of previous work, especially that undertaken by the Scottish Biodiversity Forum, we drafted the final strategy document for the Scottish Executive, entitled [Scotland's Biodiversity - its in your hands](#) launched and published by the Scottish Executive May 2004. A copy of the strategy and associated draft implementation plans can be accessed [here](#).
- In two related pieces of work, we facilitated and coordinated the final phase of the production of a set of draft sectoral implementation plans, and made a preliminary assessment of the capacity and role of the local biodiversity action planning network.
- In delivering the strategy and implementation plans. We led this work, undertaken in collaboration with Nautilus Consultants and Bluethistle Media . Download
- **Engaging people and communities in biodiversity conservation.** A set of inspirational stories about how individuals and organisations throughout Scotland are getting people closer to nature . *For Scottish Natural Heritage 2007* . [See resources](#).
- **Scotland Sustainable Marine Environment Initiative.** The development of a series of 4 pilot projects in sustainable marine environmental management. The pilots test and demonstrate alternative approaches to marine environmental management: the introduction of a form of marine spatial planning in Shetland; stakeholder-regulator partnership in the Clyde and in the Sound of Mull; and community based management at St Abbs Head. The work was undertaken in association with Posforde (Royal Haskoning) and Nautilus Consultants for the Scottish Executive. We were mainly involved in the development of the Shetland and Clyde pilots.
- **Development of high level Indicators for assessing the delivery of the Strategic Framework for Scottish Aquaculture** (Scottish Executive, 2007). Leader of a project to develop simple high level indicators of the sustainability of Scottish Aquaculture, as required to implement the Strategic Framework.
- **Community/user led environmental management of aquaculture, using the concept of environmental capacity** (*UK DFID, 2006*). Development of guidelines for initiation, facilitation and implementation of community led natural resource management initiatives, with a particular focus on aquaculture and the concept of environmental capacity.
- **Assessment and communication of environmental risks in coastal aquaculture** (GESAMP/FAO 2003-6). Member of GESAMP (IMO /FAO /UNESCO -IOC /UNIDO /WMO /IAEA /UN /UNEP Joint Group of Experts on Scientific Aspects of Marine Environmental Protection) Working Group on Aquaculture and Environment. Specific responsibility for the preparation of a background review paper and participation in development of guidance on the assessment and communication of environmental risks in coastal aquaculture.
- **Site optimisation for aquaculture in Scotland** (Scottish Aquaculture Research Forum 2005). Leader of a review of siting criteria and decision making processes in relation to the siting of aquaculture operations in Scotland.
- **SEAfeeds Workshop** (European Commission 5th Framework Research Programme 2003). Project leader and facilitator of an accompanying measure focused around an expert workshop, drawing on expertise from throughout Europe, exploring the relationships between modern aquaculture and industrial fisheries, and identifying approaches to increasing the overall sustainability of aquaculture feeds.
- **Kiev Report.** (European Environment Agency, 2002/3). Development of environmental indicators for fisheries and aquaculture, and co-authoring of the chapter on fisheries and aquaculture for the Kiev report.
- **Chair, GESAMP (IMO/FAO/UNESCO\_IOC/IAEA/UN/UNEP) Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection Working Group on Aquaculture and Environment 1998-2002.** Chaired and facilitated a series of meetings and edited the GESAMP Reports and Studies No. 68: Planning and management for sustainable coastal aquaculture development.