

CURRICULUM VITAE

Name	Löwenberg, Ulf
Date of birth	17 January 1953
Nationality	German
Education	MSc Fisheries Science, University of Hamburg, Germany, 1980
Professional Affiliations	Member of the German Society for Marine Sciences (DGM)

Key Qualifications

- More than 30 years experience in the fisheries sector
- Over 15 years working in development cooperation projects in Africa
- 8 years experience in project management (Mauritania, Algeria)
- Research in artisanal and industrial fisheries in inland, coastal and off-shore waters, e.g. fisheries surveys, young fish surveys, stock assessment and fisheries economy, environmental studies and hydrographic surveys, and planning of research programmes
- Teaching at university level in fisheries and environmental topics, such as anatomy and physiology of fishes, fisheries statistics, population dynamics, oceanography and planctology, and the supervision of M.Sc. and Ph.D. theses
- Advisor in the fisheries administration (Mauritania, Algeria)
- Eco-certification of fisheries according to the principals and criteria for a sustainable fishery (Marine Stewardship Council, MSC)
- Development of GIS-applications
- Extensive knowledge in the fields of research and teaching, stock assessment, resources management, fisheries economy, fisheries law, fisheries statistics, fisheries surveillance, geographic information systems, eco-certification, development policy, project development/project cycles

Work Experience

Since April 2015

Year 3 surveillance audit of the cod, haddock and saithe fishery of UK Fisheries Ltd./DFFU/Doggerbank Group, responsible for Principle 3.

Year 4 surveillance audit of the saithe fishery of UK Fisheries/DFFU/Doggerbank Group, responsible for Principle 3.

Full Reassessment of the saithe fishery of UK Fisheries/DFFU/Doggerbank Group, responsible for Principle 3.

September 2010 - July 2013 MAURITANIA

Responsible for the Project "Management advice in the fisheries sector" in the Fisheries Ministry, Nouakchott, Mauritania. The project concentrated on three key areas: (i) support of the Ministry in formulating, developing, implementing and updating of fisheries management plans, (ii) support of the Fisheries Ministry in designing and setting up a sector data base and analysing and publishing of sector data and (iii) advice of the private sector with regard to the diversification of the fisheries (mariculture, innovative fishing methods). Within the scope of the project two management plans (octopus, small pelagics) have been developed and a steering structure for their implementation has been set up, the fisheries information system has been established and the concerned staff of the Ministry has been instructed in its use, a number of advanced training measures have been organised for the staff of the Ministry and its subordinate agencies (particularly the research and hygiene institutes). As part of the project supervising a PPP that aimed at setting up an oyster culture and selling the products. The close cooperation with other projects of the German development cooperation, with other donors, with the national sector institutions and with the civil society has been indispensable in order to create synergies.

Working for Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Eschborn, Germany, on behalf of Federal Ministry for Economic Cooperation and Development (BMZ), Bonn, Germany

June 2011 – May 2012 UK/GERMANY

Certification of the cod, haddock and saithe fishery of the vessels of UK Fisheries Ltd. and the cod and haddock fishery of the vessels of Deutsche Fischfang Union GmbH & Co. KG (DFFU) and Doggerbank Seefischerei GmbH in ICES areas I and II according to the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC), responsible for Principle 1. Certified in May 2012.

Working for MacAlister Elliott and Partners Ltd., Lymington, UK

February - April 2010 GERMANY

First annual audit of the certified (MSC) saithe fishery of the vessels of the Erzeugergemeinschaft der Hochsee - und Kutterfischer GmbH in ICES areas IIIa and IV.

Working for Moody Marine International, Derby, UK

January – August 2010 UK/GERMANY

Certification of the saithe fishery of the vessels of UK Fisheries, Deutsche Fischfang Union GmbH & Co. KG (DFFU) and Doggerbank GmbH in ICES areas IIa, IV and VI according to the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC), responsible for Principle 1. Certified in January 2011

Working for MacAlister Elliott and Partners Ltd., Lymington, UK

December 2009 – September 2012 GERMANY

Engaged in the preparation of an fisheries expertise entitled "Estimation of possible impacts of dredging the outer Ems in Northern Germany on ecological and fisheries aspects with a focus on the local shrimp and mussel fishery". Within the scope of the study responsible for compiling charts with a GIS

Working for COFAD Consultants for Fishery, Aquaculture and Regional Development, Weilheim, Germany, on behalf of the Wasser-und Schifffahrtsamts, Emden, Germany

November 2009 – October 2010 FRANCE

Certification of the saithe fishery of the vessels of ScaPêche and Compagnie des Pêches in ICES areas I, II, IIIa, IV and VI according to the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC) , responsible for Principle 3. Certified in January 2011.

Working for MacAlister Elliott and Partners Ltd., Lymington, UK

October/November 2009 GERMANY

Pre-assessment of the saithe fishery of Deutsche Fischfang Union GmbH (DFFU) and Doggerbank Seefischerei GmbH vessels against the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC).

Working for MacAlister Elliott and Partners Ltd., Lymington, UK

August - November 2009 GERMANY

Scientific support of a concept to secure the livelihood of fishing companies in Mecklenburg-Vorpommern (Fischereierlebniszentrum Rügen) in application of axis 4 (Sustainable development of fisheries areas) of the EEF.

Working for COFAD Consultants for Fishery, Aquaculture and Regional Development mbH, Weilheim, Germany, on behalf of the Federal Office for Building and Regional Planning (BBR), Germany

April 2009 – February 2010 FRANCE

Certification of the saithe fishery of the vessels of EURONOR in ICES areas IIIa and IV according to the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC) , responsible for Principle 3. Certified in March 2010.

Working for MacAlister Elliott and Partners Ltd., Lymington, UK

December 2008 – May 2010 SWEDEN

Certification of the herring and sprat fishery of the vessels of the Sveriges Pelagiska Producent Organisation (SPPO) in ICES areas IIIa and 22-24 according to the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC) , responsible for Principle 3. Only the North Sea herring was certified in May 2010, the Skagerrak/Kattegat herring and Western Baltic sprat remained under assessment due to poor conditions of the stocks.

Working for Moody Marine International, Derby, UK

December 2008 – June 2009 GERMANY

Certification of the herring fishery of the vessels of the Erzeugergemeinschaft der Hochsee - und Kutterfischer GmbH in ICES Subdivisions 22-24 according to the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC) , responsible for Principle 2. Certified in April 2015.

Working for Moody Marine International, Derby, UK

March/April 2008 MAURITANIA

Responsible for the final project progress review of the Marine Resources Management Project in the Fisheries Ministry in Nouakchott, Mauritania, and conception of a proposal for a new programme in the fisheries sector.

Working for Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany, on behalf of the Federal Ministry for Economic Cooperation and Development (BMZ), Bonn, Germany

October - December 2007 MAURITANIA

Replacement of the head of the Marine Resources Management Project in the Fisheries Ministry in Nouakchott, Mauritania. Continuation of the regular project activities, primarily planning and preparation of studies as well as planning and execution of training courses for the staff of the Ministry. Accompanying the official visit of the German Federal President Mr. Horst Köhler.

Working for GOPA Consultants, Bad Homburg, Germany, on behalf of Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany

September 2007 - August 2008 GERMANY

Certification of the saithe fishery of the vessels of the Erzeugergemeinschaft der Hochsee- und Kutterfischer GmbH in ICES areas IIIa and IV according to the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC) , responsible for Principle 1. Certified in October 2008.

Working for Moody International, Derby, UK

May 2007 - September 2008 GERMANY

Extension of the GIS-application for the analysis of fisheries data developed in 2004.

Working for the Bundesforschungsanstalt für Fischerei, Hamburg, Germany

May 2007 UK

For a wave power project off the northern coast of Cornwall, UK, the mobility of the fishing fleet in the project area had to be investigated. Data of the fisheries surveillance (sightings by vessels and satellites) were analysed and plotted on a nautical chart with a GIS.

Working for MacAlister, Elliott & Partners Ltd., Lymington, UK

August/September and November/December 2006 YEMEN

Within the framework of the Fisheries MCS-Project EUROPEAID/111995/C/SV/YE in Yemen a Beach Data Frame Survey covering the entire coast has been carried out in cooperation with scientists from the Marine Science and Resources Research Centre (MSRRC) in Aden. Interviews were conducted at 104 landing sites out of 160 sites visited, and baseline data, like number of boats and fishermen, income and costs, fishing gear, catches etc. have been collected.

Working for GOPA Consultants, Bad Homburg, Germany, on behalf of the European Union (EU), Brussels, Belgium

June/July 2006 GERMANY

Pre-assessment of the saithe fishery of vessels of the Erzeugergemeinschaft der Hochsee- und Kutterfischer GmbH (Association of the offshore and inshore fishermen), Cuxhaven, Germany, against the principals and criteria for a sustainable fishery of the Marine Stewardship Council (MSC).

Working for SGS Product & Process Certification, Spijkenisse, The Netherlands

April - June 2005 / January + June 2006 MAURITANIA

Participating in the preparation of the Fisheries Interaction Management Plan (FIMP) for the Chinguetti oil field of Woodside Energy Ltd., Perth, Australia in the Mauritanian EEZ. Presentation of the fisheries activities in the future exploitation zone (with a GIS), estimation of the conflicts arising from this, presentation of the results in Nouakchott, Nouadhibou, Lymington and Brussels.

Working for MacAlister, Elliott & Partners Ltd., Lymington, UK

August - October 2004 GERMANY

Development of a GIS-application for the analysis of fisheries data. This application serves to select different parameters from a given database, to treat them and to present the results in a nautical chart.

Working for the Bundesforschungsanstalt für Fischerei, Hamburg, Germany

February 2001 - December 2002 ALGERIA

Advisor in the Ministry of Fisheries and Marine Resources in Algiers, Algeria, responsible for the project "Evaluation of the Marine Resources". The aim of the project was to establish a system for the evaluation and monitoring of the marine resources in order to assure their ecologically and economically sustainable exploitation. Three axes of intervention have been identified, namely the sampling of landing statistics of the commercial fisheries, the biological sampling of the commercial landings and research trips on board of a research vessel.

Working for GOPA Consultants, Bad Homburg, Germany, on behalf of Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany

July 2000 MAURITANIA

Execution of a fact-finding mission to Mauritania for two projects for which tenders have been called by Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ). One of the two projects in question dealt with the rural development in the Guidimakha region and the other one with institutional strengthening of the administration of the "Parc National du Banc d'Arguin".

Working for GOPA Consultants, Bad Homburg, Germany

June/July 1999 GERMANY

Within the framework of the EU-project 8580/2000, employed as scientific observer on board of industrial fishing vessels, operating in the German fishing zone in the North Sea. This project aims at the collection of data on the market species and, first of all, on the by-catch.

Working for the Bundesforschungsanstalt für Fischerei, Hamburg, Germany

January/February 1999 MAURITANIA

Short-term mission to the Ministry of Fisheries and Maritime Economy in Nouakchott, Mauritania, in order to close down the Advisory Project.

Working for GOPA Consultants, Bad Homburg, Germany, on behalf of Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany

June/July 1998 MAURITANIA

Monitoring mission to the Ministry of Fisheries and Maritime Economy in Nouakchott, Mauritania, in order to adjust the working plan for the rest of the phase.

Working for GOPA Consultants, Bad Homburg, Germany, on behalf of the German Agency for Technical Cooperation (GTZ), Eschborn, Germany

January 1993 - March 1998 MAURITANIA

Advisor at the Ministry of Fisheries and Maritime Economy in Nouakchott, Mauritania. Main objective of the project was the strengthening of the administrative structures with regard to a better management of the marine resources of the Mauritanian EEZ and the coastal zone. Main objective were (i) to improve the legal framework and to compile all legal texts governing the fisheries sector, (ii) to develop a training program for the staff of the Ministry, (iii) to compile a manual of procedures within the Fisheries Ministry, between different ministries and between the Fisheries Ministry and the fisheries sector and (iv) to set up an internal IT-network.

Working for GOPA Consultants, Bad Homburg, Germany, on behalf of Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany

November/December 1992 MAURITANIA

Analysis of the exchange of information and the cooperation in the Mauritanian fisheries sector, particularly between the different governmental institutions, with regard to an improvement of the current situation.

Working for GOPA Consultants, Bad Homburg, Germany, on behalf of Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Eschborn, Germany

February 1984 - March 1990 NIGERIA

As lecturer at the Institute of Oceanography of the University of Calabar responsible for teaching post graduate students in fisheries and environmental topics (anatomy, physiology, statistics, population dynamics, oceanography, planctology etc.) and supervising their theses (M.Sc. and Ph.D.). As research scientist responsible for planning and execution of research programmes in the Cross River, its estuary and the adjacent oceanic region.

Working for the Centre for International Migration and Development (CIM), Frankfurt, Germany

January - December 1982 GERMANY

As fisheries scientist responsible for the analysis of the fisheries data collected on the Seychelles with regard to the assessment of the demersal and pelagic stocks of the Seychelles' EEZ, the analysis of the hydrographic data and the preparation of the final report.

Working for the Bundesforschungsanstalt für Fischerei, Hamburg, Germany, on behalf of the Federal Ministry for Science and Technology (BMFT), Bonn, Germany

February - December 1981 SEYCHELLES

Fisheries expert in a project aiming at the assessment of the stocks, caught by bottom trawl demersal and by trolling lines, in the EEZ of the Republic of Seychelles. Responsible for the planning of research trips and the collection of biological and hydrographical data on one of two chartered German trawlers.

Working for the Bundesforschungsanstalt für Fischerei, Hamburg, Germany, on behalf of the Federal Ministry for Science and Technology (BMFT), Bonn, Germany

January - December 1980 GERMANY

As fisheries assistant responsible for the collection and compilation of fisheries and hydrographic data on board of the institute's research vessel and in the laboratory. Participating in catch surveys, young fish surveys and tagging campaigns in the North Sea and the Baltic Sea. Supervising probationers.

Working for the Bundesforschungsanstalt für Fischerei, Hamburg, Germany

Training course

January - July 2004

Advanced training course as a „Specialist for Geographic Information Systems (GIS)“ at the GIS-Academy, Hamburg. Within the scope of this course the following computer software and programming languages were introduced: ArcView, ArcMap, Avenue, ArcObjects, MapInfo, Geomedia, MS-Access, VBA, Webmapping and AutoCad. As part of the course a project was elaborated dealing with the data processing in the Federal Research Centre for Fisheries.

Languages

German	Mother tongue
English	Business fluent
French	Business fluent