



Curriculum Vitae

Kristin Magnussen

Kontoradresse:
Vista Analyse AS
Meltzers gate 4, 0257 Oslo
Tlf:480 48 831

E-post: kristin.magnussen@vista-analyse.no

Profile:

Kristin Magnussen holds a Ph.D. in environmental and resource economics from the University of Life Sciences, Norway and a master degree in environmental management and economics from the same university.

Dr. Magnussen has extensive experience from research institutions, consultancies and public ministries/directorates in the theoretical and practical use of resource and environmental economics and management for more than 25 years. One of her main topics is optimal use and management of environmental resources. Her main research topic is valuation of non-market goods. She has carried out and co-ordinated studies in several sectors, such as transport, energy, environment and waste.

Another speciality is water resources management where Magnussen has worked with research issues such as valuation of improved water quality, estimation of cost effective measures in order to reduce pollution and recently with the implementation of the EU framework for water quality in Europe. She has worked with the Norwegian Institute for water research and has carried out many projects in this area. In the recent years she has been much involved in projects aiming at valuation of ecosystem services, in marine areas, fresh water etc.

Magnussen further has been involved in several projects concerning benefits and costs of transport and of energy production and use, both as a partner in several EU-projects and in other national projects. She has been involved in several Social and Economic Impact Assessments and carried out Cost-Benefit and financial analysis of wind, hydro and gas development projects in Norway.

Magnussen is/has been appointed by the Government to two expert committees and is now an appointed member of the "Ecosystem Services" committee. She has a broad international experience, ranging from Ph.D. studies in economics in the US, attendance and presentations at several courses and seminars/conferences, work experience in Tanzania and Chile and extensive

participation in international co-operation in several EU funded research projects, including work in most European countries and several Asian countries, among them India.

Education:

1988-92:	Ph.D. Resource Economics, University of Life Sciences, Norway. Thesis: Economic Valuation of Environmental Goods.
1990:	Ph.D. studies in Resource Economics at Oregon State University, Oregon, USA.
1986-87	Studies in Economics, University of Oslo (while working in the Ministry of Environment)
1980-85	Master Degree in Nature Management and Resource Economics, University of Life Sciences, Norway.

Employment Record:

September 2012-	Vista Analyse. Partner. Project manager and participant in research and development projects related to resource and environmental economics
2007 – August 2012	SWECO AS; Economic Expert. Project Manager and participant in several Research and Development projects related to environmental management, resource and environmental economics.
2001-2007	KM Miljøutredning; Running her own consultancy; Project Manager and participant in several Research and Development projects related to environmental management, resource and environmental economics.
1999-2001	InterConsult Group; Project Manager and participant in several Research and Development projects related to environmental management, resource and environmental economics.
1995-99	Østfold Research Foundation; Senior Research Scientist, Project Manager and participant in several Research and development projects related to environmental management, resource and environmental economics and life cycle assessment.
1992-1995	Norwegian Institute for Water Research, NIVA; Research Scientist, Project Manager and participant in several projects related to management of (mainly water) resources.
1988-1992	Norwegian Agricultural Economics Research Institute; Ph.D. student in Economics. In addition Project manager and participant in projects related to cost effective pollution measures.
1986-1988	Norwegian Ministry of Environment, Department for Pollution Abatement; Worked with several aspects related to environmental policy, with particular emphasis on international pollution problems, pollution related to road traffic and economic measures in pollution policy.
1985-1986	Directorate for State Forest Management Worked with management of conservation areas and environmental aspects in forestry in general.

EXTRACT OF RELEVANT PROJECTS

Client	Year	Project Name/Description	Function
Norwegian Coastal Administration	2013	Benefit-cost analysis of three projects using the “KVIRK”-model and handbook for benefit cost analysis developed by Vista	Project member and author
World Bank	2013	Socio economic assessment of impacts and measures to reduce Pollution of the ocean (“Global Partnership for Oceans”)	Contracting expert
Norwegian Coastal Administration	2012-2013	Valuation of damages from oil spills along the Norwegian coast. Methods and surveys	Project member and author
National Road Administration	2012-2013	Valuation of natural resources in Handbook 140	Project manager
Ministry of trade and industry, Min. of Fisheries, Min. of Environment and Min. of Local communities	2012-2013	Ecosystem services in the Barents Sea and Lofoten Area: Social values and trade-offs	Project manager and author
Norwegian Coastal Administration	2012-2013	Handbook in Economic analysis for Kystverket	Author
Ministry of Environment	2012	The costs of environmental degradation in the North Sea and Skagerrak	Project manager
“Økosystemtjeneste-utvalget”	2012	Ecosystem Services in Forests	Author
Agder Energi, Nord Trøndelag Energi, BKK, Fred Olsen Renewables, and more	2008-2012	Several impact assessments related to wind and water energy, roads and “reguleringsplaner” for buildings, shopping center and other developments.	Responsible for “local and regional consequences” and local economic effects.
WWF	2012	Valuation of Ecosystem Services from Sugar Kelp in the North Sea and Skagerrak	Project Manager
Climate and pollution directorate (Klif) as leader of governmental working group for marine management plan for the North Sea-Skagerrak area	2012	Ecosystem Services in the North Sea – Skagerrak: Description, assessment and valuation	Project Manager
Austri Vind	2012	Local and regional welfare effects of wind power development in five local communities in Hedmark for KUs for 2 wind power projects	Project manager for welfare effects (local and regional, including extended analyses of effects on tourism and cabin areas and prices).

		“Kvitvola” and “Gråhøgda”.	
The Government / Ministry of Environment	2011 – 2013	“Økosystemutvalget” – an expert committee appointed by the Government with the mandate to suggest methods to better understand and bring the economic benefits of nature into decision making processes.	Appointed Member of “Økosystemtjenesteutvalget”
Norwegian Coastal Administration	2011- 2012	How can effects on marine Ecosystem Services be included in economic analysis?	Project Manager in Sweco
Nordic Council of Ministers	2011- 2012	Valuation of Ecosystem Services from Nordic Watersheds – from awareness raising to policy support?	Project participant
Group of Directorates involved in the implementation of the Water Framework Directive.	2011 – 2012	Database for measures to improve water quality in all sectors relevant for the Water Framework Directive, emphasis on cost-effective and economic aspects of measures	Project Manager
Norsk Vann (“Norwegian Water Association BA”)	2011	The Water Framework Directive and its consequences for the municipalities and the wastewater sector	Project Manager
Statoil GBS	2011	Evaluation of measures to fulfill environmental goals for Statoil GBS.	Project Manager
University of Oslo (“Green UiO”)	2010- 2013	Several projects related to “greening of UiO”, including Green House Gas Accounting, environmental management, cost-effectiveness analysis of measures, etc.	Project Manager
Group of Directorates involved in the implementation of the Water Framework Directive.	2010 – 2012	Economic aspects of the Water Framework Directive. How can methods and guidance be improved?	Project Manager
Oslo Vei (“Oslo Road Administration”)	2010- 2011	Greenhouse gas and pollution budget related to continued operations at Oslo quarries compared to operations at alternative aggregate quarries	Project Manager

Directorate for nature management (DN)	2010 – 2011	Economic consequences for society and local communities from measures to extinct <i>Gyrodactylus salaris</i> in river Driva.	Project Manager
Sørumsdal Municipality	2010 – 2011	Economic aspects of the Water Framework Directive and planning in Sørumsdal municipality.	Project participate, NIVA is Project Manager
Norwegian State Pollution Authorities (Klif)	2010 – 2011	Water Pricing in Norwegian water management related to the Water Framework Directive.	Project Manager
Norwegian Ministry of the Environment and Ministry of Fisheries	2010	Description, Assessment and Valuation of Marine Ecosystem Services in the Barents Sea – Lofoten-area.	Project Manager
The Government/ Ministry of Environment	2009 – 2010	Member of “Miljøgiftsutvalget”, an expert committee appointed by the Government with the mandate to suggest measures in order to avoid/limit environmental hazardous substances/ chemicals (“miljøgifter”).	Appointed Member of “Miljøgiftutvalget”
Norwegian State Pollution Authorities (SFT, now Klif)	2009 – 2010	Valuation of hazardous substances.	Project Manager
Agder Energi Produksjon	2009	Environmental and Social Impact Assessment of Rapheia wind power area. Social impacts.	Project manager for welfare effects
Agder Energi Produksjon	2009	Environmental and Social Impact Assessment of Brevikfjellet wind power area. Social impacts.	
EB Kraftproduksjon AS	2009	Environmental and Social Impact Assessment of Godfarfoss hydropower installation in Hol and Nore og Uvdal in Buskerud. Social impacts.	Project manager for welfare effects
Norwegian State Pollution Authorities (SFT)	2009	Valuation of Marine Ecosystem Services – Methods and Examples.	Project Manager
Statsbygg	2009	Economic analysis of cultural heritage buildings managed by Statsbygg.	Project Manager

StatoilHydro (now Statoil)	2009	Development of environmental strategy for StatoilHydro GBS.	Project Manager
Sarpsborg municipality	2008 – 2009	Energy and climate plan for municipality Sarpsborg. Suggested measures to reduce energy use and climate gas emissions in all sectors.	Project participant
Hydro Aysén (Chile)	2008 – 2009	Environmental and Social Impact Assessment (ESIA) of HydroAysén's hydropower project in Chile. Economic Analysis.	Project participant for economic and social effects
European Commission's sixth Framework Programme for Research (FP6)	2007 – 2011	MICRODIS (Integrated Health and Socio-Economic Impacts of Extreme Events: Evidences, methods and Tools). Valuation of socio-economic externalities from extreme nature events. The project focuses on Asia (India, Indonesia, Vietnam, and the Philippines), involving local research institutions, The World Bank and the Asian Bank.	Work Package participant
European Commission's sixth Framework Programme for Research (FP6)	2007 – 2010	EXIOPOL (A New Environmental Accounting Framework Using Externality Data and Input-Output Tools for Policy Analysis). New approaches to green accounting in Europe.	Work package participant
European Commission's sixth Framework Programme for Research (FP6)	2007 – 2010	HEIMTSA (Health and Environment Integrated Methodology and toolbox for scenario assessment).	Work package participant
European Commission's sixth Framework Programme for Research (FP6)	2007 – 2009	NEEDS (New Energy Developments for Sustainability) Environmental valuation of production, transport and use of energy. The project evaluates the full chain of renewable and fossil energy production, including extraction, production and transport. Stream co-ordinator for stream 3a – Transferability and Generalisation.	Work Package co-ordinator

The Norwegian Ministry of Transport, by the underlying directorates of rail, road, air and waterways	2007 – 2009	Assessment of external effects for the transport sector Development of new guidelines for macroeconomic investments focusing on environmental aspects in the Norwegian transport sector. Development of original valuation studies to assess the value of life and life year saved, noise annoyance, air pollution and time savings. Review all external effects from transport.	Project manager for the part on valuation of life/life years and pollution
European Commission's sixth Framework Programme for Research (FP6)	2007 – 2008	CASES (Cost Assessment for Sustainable Energy Systems) External costs of European Energy systems and scenarios, with participation mainly focusing on external costs from hydro and wind power investments.	Work Package participant
Norwegian Ministry of Finance	2007 – 2008	Mapping and evaluation of Norwegian subsidies in the national budget which may have negative effects on the environment.	Project Manager
SARGAS AS and three industrial partners	2007 – 2008	Economic Assessment of a coal fired power plant with CO ₂ -handling on Husnes, Norway.	Responsible for the economic analysis
Statnett	2007 – 2008	Assessment of external effects of the Norwegian power transmission lines Assessment of aesthetic effects of power transmission lines. Development of estimates which can be used in strategy and investment planning. Construction, implementation and analysis of a valuation study of the negative environmental effects of power transmission lines.	Project manager and responsible for the study

Fred Olsen Renewables AS, Statkraft, SKS Produksjon, Agder Energi Produksjon	2007 – 2012	Several Social and Economic Impact Assessment Analysis related to development of wind and hydro power and business development	Responsible for analysis of economic impacts and impacts on local communities, regional economics, employment etc.
The Norwegian Oil Industry Association (OLF)	2007	Guidelines for calculation of action costs for reducing climate gas emission in the Norwegian Industry. Comparison of the current standards in institutions such as Shell Norway, Statoil, Norwegian Petroleum Directorate, The Norwegian Oil Industry Association, The Norwegian Pollution Control Authority.	Responsible for quality control
Norwegian Water Community (Norsk vannforening)	2006-2007	Editor for “VANN”, the journal for the Norwegian Water Community	Editor
State Pollution Control Authority	2004 – 2005	Analysis of Driving Forces and trends with Implications for Future Status in Norwegian Water Bodies. The project was carried out as part of Norway's preparations for implementation of the EU framework directive for water.	Project Manager
State Pollution Control Authority	2003	Analyzing the experiences with use of Cost-effectiveness Analysis in Water Management – Examples and Experiences from Norway. The project was carried out as part of Norway's preparations for implementation of the EU framework directive for water.	Project Manager

State Pollution Control Authority	2003	Pricing of water services. The project was carried out as part of Norway's preparations for implementation of the EU framework directive for water.	Project Manager
Noragric/NORAD/Ministry of Agriculture and Forestry in Tanzania	2001 – 2002	Economic assessment of catchment forest reserves in Tanzania. The project aimed at mapping the use and assessing the economic value of products and services from catchment forests in preserved areas. The project included development of focus group guides and questionnaires, field work in the villages in the Morogo region and economic analysis.	Project participant
Golf Management AS	2002	Impact Assessment (IA) of establishment of a golf course in community Hvaler. Responsible for editing of total IA and IA of agriculture and forestry, tourism, business and pollution.	Project participant
State Pollution Control Authority	2001	Mapping and analyzing of hindrances related to the public framework to implementing environmental measures ("the Greening of the State") in public state institutions.	Project Manager
State Pollution Control Authority	2001	Mapping and analyzing of driving forces for sustainable development in business.	Project Manager
State Pollution Control Authority	2000	Mapping and analyzing of hindrances related to the process of implementing environmental measures ("the Greening of the State") in public state institutions.	Project Manager
Norwegian Research Council	1998 – 2000	Valuation of power transmission lines; cables in the ground versus over head lines.	Project Manager
Norwegian Research Council	1999	Valuation of improvements in recreation areas near urban cities.	Project Manager
State Pollution Control Authority	1999	Mapping and analyzing of hindrances for sustainable development in business.	Project Manager

Norwegian Research Council	1998	Life Cycle Assessment (LCA) of electricity based on Norwegian hydro power.	Project Manager
Consumer rights council ("Forbrukerombudet") in Østfold	1998	Mapping and evaluation of price and quality on drinking water in the different local communities in county Østfold.	Project Manager
Local community of Fredrikstad	1998	Sustainable building in cities. Planned and conducted, analysed and reported on a survey among potential house buyers regarding their attitudes and willingness to pay for environmental friendly apartments and housing.	Project Manager
State Pollution Control Authority/ Directorate for Nature management	1997	Assessing the benefits of improved water quality. Out part included an evaluation of methods for assessing the benefits of keeping or improving environmental quality.	Project Manager
Norwegian Research Council	1996	Mapping, analyzing and reporting about conflicts and causes of conflicts in recreation areas close to urban areas. Case: Østfold.	Project Manager
Norwegian Research Council	1996	Integrating Economic Valuation of the Environment in Life Cycle Assessment for Sustainable Energy Productions.	Project Manager
Norwegian Research Council	1995 – 1996	Valuation of environmental hazards in water. Out part of the project carried out a case study with an example from the Grenlandsfjords in Norway.	Project Manager
Norwegian Research Foundation	1993 – 1995	Valuation and use of environmental costs. Evaluation of existing studies and testing for Benefit Transfer of valuation estimates of water quality improvements. Testing for accuracy and reliability.	Project Manager
Project sustainable economy	1993 – 1994	Valuation of environmental goods – questions related to practical use of environmental prices.	Project participant

Noragric/NORAD	1992	Lectures in economics for post-graduate students in nature management at the University of Morogoro, Tanzania. 2 weeks intensive course in financial and economic (cost – benefit) analysis of projects involving natural resources.	Responsible for lectures
Norwegian Research Foundation and the Ministry of Environment.	1988 – 1992	Economic valuation of improved water quality. Special emphasis on valuation of reduced leaching of Nitrogen and Phosphorus to the North Sea. Ph.D. thesis.	Ph.d. student
Ministry of Agriculture	1989	Cost-effective measures against pollution to water.	Project Manager