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## ***CURRICULUM VITAE***

### **Name**

Jacob Steen Møller

### **Date of Birth**

18 December 1954

### **Nationality**

Danish

### **Family**

Wife: Heidi Alsing

Children: Anne Alsing (1981) and Peter Bjørn Alsing (1984)

### **Address, work**

Campus Service (Facilities Management)

Technical University of Denmark, DTU

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[jsm@adm.dtu.dk](mailto:jsm@adm.dtu.dk)

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### **Address, private**

Wergelands Alle 15

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### **Education**

- Ph.D. Environmental Hydraulics, Technical University of Denmark, DTU, 1984
- Basic military training, Corps of Engineers, Farum, 1981
- M.Sc. Civil Engineering, Technical University of Denmark, DTU, 1980

### **Key competences**

- General management and leadership
- Facilities Management
- Management of research and education in civil engineering
- Environmental impact assessment
- Hydraulic engineering and applied oceanography

### **Appointments and elections**

- Realdania. Elected member of Board of Representatives, 2010-date
- Danish Academy of Technical Sciences. Chairman of the Academy Council (Akademirådet) and member of The Executive Body, 2010-date
- Realdania Centre for Facilities Management. Chairman of centre committee for 2007-10 and member 2010-date
- Claus Anders' Foundation (Founder: Anders Kern-Jespersen). Special advisor for the board, 2010-date
- KAB foundation, [www.kabfonden.dk](http://www.kabfonden.dk), Board member 2006-2010
- IPU, [www.ipu.dk](http://www.ipu.dk), Board member 2007-2009,
- Danish Enterprise and Construction Authority, EBST, committee on Innovation in Construction R&D, KIG, DTU representative 2007-2009

- Danish Enterprise and Construction Authority, EBST, Partnership for Energy Efficient Building, DTU representative 2008-2009
- Steering committee for national Construction Technology Platform ECTP-Denmark, [www.ectp.org](http://www.ectp.org), Member 2004-09
- ATV group 8 on "The future of the construction sector" Member 2006-08
- Appointed Examiner, Aalborg University, Denmark, 1991-2003
- Appointed Examiner, Technical University of Denmark (DTU), 1990-2003
- Danish Advisory Committee for the EU 5th FWP Activity: Energy, -Environment and Sustainable Development, 1998-2002.
- Danish National Council on Oceanology, 1997-2002
- Danish EuroGOOS Member and co-founder of 1997-1999
- Swedish Vattendomstol (Water Court) evaluation of the Øresund Link, Expert nominated 1994-1997
- Steering Committee for final reporting of the Danish marine research programme "Hav90", 1996.
- Danish Society of Hydraulic Engineering, Board member 1991-1995
- Institute of Hydrodynamics and Hydraulic Engineering, DTU, Board member 1981-1984
- Senate (Konsistorium) of the Technical University of Denmark, DTU, Member 1979
- Polyteknisk Forening, Chairman 1979

### Languages

- Danish: Native
- English: Excellent
- German: Reads and understands reasonably
- Spanish: Reads and understands some

### Short courses

- Several short management and ICT courses
- Occupational safety and health at the workplace, 2004
- DiEU, Economy for non economist, 1997

### Memberships

- Danish Academy of Technical Sciences, ATV, 2007- date
- Danish Academy of Future Research, 2006 - date
- The Society of Danish Engineers, IDA, 1980 - date
- Danish Network for Research Managers, FL1, 2006 - 2009

### Reviewer

- Journal of Coastal Research, 2005-2009
- Ecological Modelling, 2004-2009

### International experience

Management, supervision, collaborative research and business development for a number of projects undertaken in: Greenland 2003-date, 1990, and 1981-84, India (various cities) 1999-2008, Azerbaijan (Baku) 2003, Saudi Arabia (Dammam) 2002, Panama (Colón, Panamá City) 2001, China (Shanghai) 2001 and 1994, Viet Nam (Ha Noi) 1999, Costa Rica (San Jose) 1999, Venezuela (Maracaibo) 1998, Indonesia (Bali) 1997, Algeria (Algiers) 1993, Chile (various cities) 1991 and in several cities in Europe and USA.

### Employment

- 2009-date: Director of Facilities, Technical University of Denmark, [www.cas.dtu.dk](http://www.cas.dtu.dk): Strategic management, heading implementation of new Campus Plan and associated building projects. Staff: 160, turnover: 883.4 mio. DKK (2011).
- 2003-09: Head of Civil Engineering Department, Technical University of Denmark, [www.byg.dtu.dk](http://www.byg.dtu.dk): Strategic management, implementing new strategy and generational change for the department. Manager for the International Research School in Civil Engineering at DTU Civil Engineering. Staff: 179, turnover: 114.7 mio. DKK (2009).
- 1984-2003: DHI Water & Environment, [www.dhigroup.com](http://www.dhigroup.com): First research engineer, then head of department, finally division director responsible for economy, staff and strategy. Project director

for DHI's hydraulic engineering and environmental consultancy for the Great Belt Link and the Øresund Link, developed the so-called "Zero Impact Solution" which guaranties no environmental impact on the Baltic Sea from the two fixed links, headed the development of DHI's water forecast services. Work experience from a number of countries in and outside of Europe. In 2001 founding director for DHI's subsidiary in New Delhi, India. Staff: 101, turnover: 101.3 mio. DKK (2003).

<b>Year</b>	<b>Firm</b>	<b>Position and responsibilities</b>
2009 – date	Technical University of Denmark, DTU	Director of Facilities.
2003 – 2009	Technical University of Denmark, DTU	Head, Department of Civil Engineering
2003 – 2003	DHI Water & Environment	Director, Marine and Coastal Division, MED
2000 – 2002	DHI Water & Environment	Director, Water Environment and Informatics Division, WEI
1997 – 1999	Danish Hydraulic Institute, DHI	Director, Marine Environment Division, MED
1989 – 1996	Danish Hydraulic Institute, DHI	Head of Coastal and Environmental Department, CED
1984 – 1989	Danish Hydraulic Institute, DHI	Hydraulic Engineer. Research and application within stratified flow.
1986 – 1988	Technical University of Denmark (DTU), Institute of Hydrodynamics and Hydraulic Engineering, ISVA	External lecturer.
1983	Greenex A/S mining company in Greenland	Hydraulic Engineer
1981 – 84	Technical University of Denmark (DTU) Institute of Hydrodynamics and Hydraulic Engineering, ISVA	PhD student Research in environmental hydraulics. and arctic oceanography.

### Projects and assignments

<b>Year</b>	<b>Project</b>	<b>Position and responsibilities</b>
2009 – date	Strategic management for DTU Campus Service	Director of Facilities <a href="http://www.cas.dtu.dk">www.cas.dtu.dk</a>
2007 – 2010	Femern Belt Link hydrographic investigations	Specialist consultancy for the link owner: <a href="http://www.femernbaelt.dk">www.femernbaelt.dk</a>
2009 – 2010	Nord Stream Gas Pipe Line hydrographic impact on Baltic Sea	Consultancy related to permission from authorities in Sweden
2009	Understanding and Controlling Wind-Induced Vibrations of Bridge Cables. Client: Femern Belt Link	Project supervisor
2009	Extension of Monaco into the Sea: Mission Urbanisation en Mer.	Specialist consultancy for: Departement de L'Équipement de L'Environnement et de L'Urbanisme, Monaco
2007 – 2009	International Research School at DTU Civil Engineering, IRS@BYG	PhD-school leader <a href="http://www.irs.byg.dtu.dk">www.irs.byg.dtu.dk</a>
2004 – 2009	Strategic management for DTU Civil Engineering	Head of Department <a href="http://www.byg.dtu.dk">www.byg.dtu.dk</a>
2003	Køge Harbour, Contaminated soil depot and Beach Parks, Denmark. EIA and reference project analysis.	Project Director
2003	EKOFISK decommissioning study for ConocoPhillips, Norway.	Project Director
2001 – 2003	DHI-India PVT. LTD.	Founding Director and member of Board of Directors. Home office management of DHI's subsidiary in India.
2001 – 2003	DHI's strategic R&D project: Operational Water Forecasting.	Project Director <a href="http://www.waterforecast.com">www.waterforecast.com</a>
1998 - 2003	DHI-España S.A.	Home office Director for establishment and

1999 - 2003	Farvandsmodel: Operational Numerical 3D model for the Danish Waters, for the Ministry of Environment, Denmark	management of DHI's subsidiary in Spain. Project Director
2001	Hydraulic and Environmental Studies for Fresh Water Reservoir, Port Blair, Andaman Islands, India	Project Supervisor
2000 - 2001	Caspian Sea Environmental Programme, Institutional Strengthening in 4 countries around the Caspian Sea. For TACIS, EU.	Project Supervisor and member of JV committee for ERM-LI, DHI and BOPA joint venture.
1998 - 2001	DHI's strategic project: New Numerical Solution Engines for DHI software	Responsible Director.
2000	Merger of DHI and VKI	Responsible Director for merger of two DHI and VKI divisions and development of strategy for new Water Environment and
2000	Fynsværket Power Plant Denmark Environmental Impact Assessment	Project Supervisor
1999 - 2000	Danish Offshore Wind Parks, Environmental Impact Assessment	Project Supervisor for hydrographic and sediment investigations.
1998 - 2000	Lake Maracaibo, Venezuela. Salinity and Water Quality Rehabilitation Study	Project Supervisor for 3D numerical modelling
1990 - 2000	The Øresund Link, Denmark/Sweden	Project Director. Responsible for all DHI's studies for the Øresund Link: numerical modelling, field monitoring and laboratory experiments.
1995 - 1999	Fehmarn Belt Link, Feasibility Study for Germany/Denmark Link Hydrographic and ecological studies	Director for Fehmarn Belt Environmental Consultants (FEC) consisting of DHI, LIC, VKI and Institut für Ostseeforschung.
1985 - 1999	The Great Belt Link, Denmark. EIA and design of zero impact solution. Numerical and physical modelling.	Project Director. Responsible for DHI's environmental consultancy for The Great Belt Link. Numerical modelling, field monitoring and laboratory experiments.
1997	Århus Havn, Denmark. Environmental Impact Assessment for large expansion of the harbour	Project Supervisor.
1996 - 1997	Bali Turtle Island Development Project, Indonesia. Feed Back Monitoring of marine dredging and reclamation	Project Supervisor.
1993 - 1997	DYNOCS. Dynamics of Connecting Seas. EEC-MAST Research Project	Project Co-ordinator for EU-MAST project. Participation from Germany, Sweden, Denmark, Norway
1994 - 1996	Shanghai, China. Sewage Water Discharge Project. Analysis of sewage water outlet structure and environmental effects of outlet. 3D-modelling.	Project Supervisor.
1994	Istanbul, Turkey. Sewage Discharge. 3D modelling and monitoring of sewage water discharge to Bosporus Strait.	Project Supervisor.
1993	Algiers harbour, Algeria. Evaluation of relocation of cooling water outlet	Project Manager.

	in Algiers harbour.	
1992	Koggala Outfall, Sri Lanka. Sewage outlet design.	Consultant for Lanka Hydraulic Institute.
1991	Coal terminal, El Ferrol, Galicia, Spain. Hydrographic survey followed by numerical modelling of transport and dispersion of coal dust.	Project Manager.
1991	Port Rehabilitation Program, Chile. Environmental impact assessment. Rehabilitation projects for three ports in Chile for the World Bank.	Expert mission for World Bank.
1990	Pollution study, Greenland. Development of a numerical model for heavy metals transport in the fjords around the lead mine in Maarmorilik.	Project Supervisor.
1988	Statens Vegvesen Hordaland, Norway. Physical and numerical two layer flow modelling of hydrographic effects of the floating bridge across Salhus Fjord.	Project Manager.
1986	Bosporus Rail Tunnel, Turkey. Appraisal study on the hydrographic effects of a tunnel across the Bosporus Strait two-layer flow.	Consultant.
1986	Ensted Power Plant, Aabenraa, Denmark. Hydrographic basis for water quality study. Evaluation of environmental impact of cooling water disposal.	Project Manager.
1984 - 86	Mathematical models of jets and plumes (NEWJET). Research project on mathematical modelling of buoyant discharges into a flowing ambient fluid.	Project Manager.
1985	Assessment of impact on marine ecology, Galicia, Spain. Mathematical modelling of water pollution conditions in 5 rias.	Project Manager.
1985	Water Pollution Study, Jammerland Bugt, Denmark. Hydrographic survey and mathematical modelling of water quality for studying alternative disposal schemes.	Project Manager.
1981 - 84	Hydrography of an Arctic Fjord, Greenland (PhD. Thesis). Research on Arctic fjord hydrography, long-term field measurements, laboratory experiments and mathematical modelling.	PhD student.
1983	Marine tailings disposal, Greenland. Development of a mathematical model for mine tailings solids depositing.	Hydraulic engineer.
1982 - 83	Technical University of Denmark	Supervisor for M.Sc. theses on environmental hydraulics.

1980            Inst. Ocean Sciences, B.C.,            Research trainee  
                  Canada, and University of  
                  Washington, Seattle, U.S.A. Field  
                  measurements in the Frazer River  
                  Estuary.

**Journal papers**

Møller, J.S., N.-E. Ottesen Hansen, and F. Jakobsen: *Mixing in stratified flow caused by obstacles*. Journ. of Marine Environmental Engineering, vol. 4, no. 1 pp. 97-111. 1997.

Jakobsen, F., M.J. Lintrup and J.S. Møller.: *Observations of the specific resistance in the Øresund*. Nordic Hydrology, vol. 28, no. 3, pp. 217-232. 1997.

Møller, J.S. and I. Sehested Hansen: *Hydrographical Processes and Changes in the Baltic Sea*. Dana: Special issue fish and fisheries in the Baltic. 1994.

Farmer, D. and J.S. Møller: *Measurements and Modelling in the Great Belt: A Unique Opportunity for Model Verification*. The Physical Oceanography of Sea Straits. L. Pratt (ed.) NATO ASI series C. Vol. 318. Kluwer 1990.

Ottesen Hansen, N.E. and J.S. Møller: *Zero Blocking Solution for the Great Belt Link*. The Physical Oceanography of Sea Straits. L. Pratt (ed.) NATO ASI series C. Vol. 318. Kluwer 1990.

Møller, J.S. and N.-E. Ottesen Hansen: *The Great Belt Link Compensations dredging design*. Dredging and Port Construction, Journal 1988:15:7.

Pedersen, Fl. Bo and J.S. Møller: *Diversion of the River Neva. How will it Influence the Baltic Sea, the Belts and Kattegat*. Nordic Hydrology 12, pp. 1-20, 1981.

**Book chapters**

Møller, J.S. and Svend Svendsen: *Sustainable Buildings* in DTU Climate Change Technologies: recommendations on accelerated development and deployment of climate change technologies (30-33 pp.) – ISBN: 978-87-990378-2-7 Kgs Lyngby, Technical University of Denmark, 2009.

Møller, J.S. and K. Haugbølle: *Innovation og forskning* (in Danish) in Fremtidens byggeerhverv i et globaliseringsperspektiv, pp. 33-41, Akademiet for de Tekniske Videnskaber. ISBN 978-87-7836-047-2. Denmark 2009.

Møller, J.S.: *Den frie forsker har aldrig eksisteret som andet end en drøm* (in Danish) in Videnskabelighed - Femten Portrætter, pp. 119-127, Analyseinstitut for Forskning, ISBN: 87-90698-44-4. Denmark 2001.

Møller, J.S.: *Water Masses, Stratification and Circulation* in Eutrophication in Coastal Marine Systems, eds. Bo Barker Jørgensen and Richardson, K., Coastal and Estuarine Studies, vol. 52, pp. 51-66, AGU ISBN 0-87590-266-9. USA 1996.

Lu, Qian-ming and J.S. Møller: *The Yangtze River Estuary: The second Shanghai Sewerage Project (SSPII) in Wastewater Management for Coastal Cities*, ed. Charles G. Gunnerson, pp 11.2-11.35. Springer-Verlag, New York 1996.

J.S: Møller: *Hydrografi*.(in Danish) in Lærebog i Vandforurening, eds. Harremoes, P. and A. Malmgren-Hansen, pp 273-285, Polyteknisk Forlag, ISBN 87-502-0671-0, Denmark 1990.

Møller J.S.: *Det lagdelte nor og Den lagdelte tærskelfjord*.(in Danish) in Lærebog i Vandforurening, eds. Harremoes, P. and A. Malmgren-Hansen, pp 316-320, Polyteknisk Forlag, ISBN 87-502-0671-0, Denmark 1990.

Møller, J.S. and F. Bo Pedersen: *Internal Seiches in a Stratified Sill Fjord* in Lecture Notes on Coastal and Estuarine Studies, Vol. 18, Environmental Hydraulics: Stratified Flows, ed. Fl. Bo Pedersen, pp31-40, Springer-Verlag, ISBN 0-387-16792-7, USA 1986.

**Conference proceedings**

Møller, J.S.: *The Negative Estuary Revisited, Some Implications for Coastal Engineering*. 31<sup>st</sup> International Conference on Coastal Engineering, Aug 31 – Sep 5, Hamburg, 2008

- Møller, J.S.: *Stratification in Natural Water Bodies, Some Implications for Harbour and Ocean Engineering*. INCHOE2004, Third International Conference on Harbour and Ocean Engineering, Proceedings Vol.2. ISBN: 81-902109-0-4, Goa, India, 7-9 December 2004,
- Møller, J.S.: *Strategies for Research, Education and Innovation, A University's Considerations*. ECCREDI and E-Core Conference, B4E, Building for a European Future, Maastricht. Proceedings Vol 2 pp. 377-389. Oct. 14-15 2004
- Jakobsen, Fl., N.H. Petersen, H.M. Petersen, J.S. Møller, T. Schmidt & T. Seifert: *Hydrographic investigations in the Fehmarn Belt in connection with the planning of the Fehmarn Belt link*. Baltic Marine Science Conference 1996 (Rønne, Denmark), pp.179-189. Published in ICES Cooperative Research Report 257, 2003.
- Sehested Hansen, I., Møller, J.S., Findikakis, A.N. *3 dimensional hydrodynamic modeling of the Maracaibo system, Venezuela*. Proc. XXIX IAHR Congress, Theme B, Env. Hydr. And Eco-Hydr., pp. 641-649. Beijing, Sept. 16-21 Sept. 2001.
- Erichsen A.C., P.S. Rasch, and J.S. Møller: *A Multi-Task-Model System for Forecasts of Hydrodynamics and Water Quality Parameters*, Presented at Estuarine Modelling Conference 7, Florida Nov 5-7.2001.
- Møller, J.S.: *Coastal Zone Management: How can the science become more visible: Are we talking to ourselves?* Proceedings of the EU conference EurOCEAN 2000, Hamburg, pp. 41-44, EUR 19408, Aug 29 - 2 Sept 2000.
- Møller, J.S.: *Environmental Management for Øresundsbron - Integrated Monitoring and Modelling as Decision Support*. Presentation at Littoral 2000 - Information Society, Nice, Organised by City of Nice, University of Nice and IAHR - European Division. May 26, 2000.
- Jensen, H.R., J.S. Møller and E.B. Rasmussen: *Operational Hydrodynamical Model of the Danish Waters, Danish National Program for Monitoring the Water Environment*. Proc. Second International Conference on EuroGOOS. Elsevier 1999.
- Møller, J.S.: *More value from projects through quality assessment of numerical models and data & information management*. Rapporteurs report. Proceedings from Third European Marine Science and Technology Conference. Publ. by European Commission (ISBN 92-828-4726-8). Lisbon, 23 to 27 May 1998.
- Møller, J.S.: *The Great Belt Link, Denmark*. Taiwan Provincial Government Water Resources Department Seminar, Taipei, Nov. 2-6, 1998.
- Lu, Qian-ming, J.S. Møller, J.F. Knudsen, and Chen Bang Li: *Preliminary Study of Environmental Impact of Waste Water from Second Shanghai Sewerage Project on the Yangtze River Estuary*. Presented at the International Workshop on Changjiang Estuary, Shanghai 19-20 Apr. 1995.
- Møller, J.S.: *Mixing and Controlled Flow, Observed in the Danish Straits*. Preparation of MAST Concerted Action: Fluxes through Straits and Passages. Fuengirola, 1994.
- Brøker, I., J. Johnsen, M.J. Lintrup, A. Jensen and J.S. Møller: *The Spreading of Dredging Spoils during Construction of the Denmark-Sweden Link*. Proc. 24th Intl. Confr. Coastal Engineering Research Council/ASCE. Kobe, Oct. 1994.
- Møller, J.S., I. Brøker and R. Warren (1994): *Engineering Design for Minimum Impact on Ecology*. Proc. International Symposium on Ecology and Engineering. ISEE' 94. Kuala Lumpur, Oct. 31-Nov 3, 1994.



Jakobsen, F. and J.S. Møller: *Results from the hydrographic investigations in connection with the constructions of the Øresund Link*. Proc. 19th Conference of the Baltic Oceanographers. Gdansk, Aug. 29 - 1 Sept., Gdansk, 1994.

Møller, J.S., I. Brøker and J.K. Jensen: *The environmental aspects of the Denmark - Sweden Link*. Proc. 1st International Symposium on Habitat Hydraulics. Trondheim, Aug. 18 - 20, 1994.

Møller, J.S., E.B. Rasmussen and A.C. Ellegaard: *Observations and Modelling of Stratified flow in the Sound between Denmark and Sweden*. Proc. Fourth International Symposium on Stratified Flows. Grenoble 29 June - 2 July, 1994.

Møller, J.S. and N-E. Ottesen Hansen: *The Øresund Link. Interaction between environmental protection requirements and design*. Third Symposium on Strait Crossings. Balkema Publisher. Ålesund, Norway June 12 - 15, 1994.

Jensen, K. and J.S. Møller and A. Randløv: *An Environmental Impact Assessment of the Construction of Bridges and Tunnels across the Øresund*. Proceedings of the 12th Baltic Marine Biologists Symposium. Ed. by Bjørnstad, Hageman and Jensen, Denmark 1992.

Møller, J.S.: *Coastal Pollution*. Presented at EURISY Symposium The Earth's Environment - an Assessment from Space. Venice, Apr. 10-11, 1991.

Møller, J.S. and H.S. Nielsen (1991): *The Great Belt Link - How to achieve Zero Environmental Impact on the Baltic Sea*. Proc. From IABSE Colloquium: The Interaction between Major Engineering Structures and the Marine Environment. Nyborg, 27-29 May, 1991. ISBN: 3-85748-064-5, IABSE, Zurich (Switzerland)

Nielsen, J.B., I.R. Warren, J.S. Møller, and H. Bach: *State-of-the-Art for Effluent Discharge Models, Including Models for Oil Spill Discharges*. Environment Northern Seas, Stavanger, Aug. 1991.

Møller, J.S. and N-E. Ottesen Hansen: *The Great Belt Link, How to Achieve Zero Environmental Impact on the Baltic Sea*. Proc. International Conference on Coastal Engineering. The Netherlands, 2-6 July, 1990.

Hansen, I.S., J.S. Møller, and M.N. Madsen: *A general PC-based Model Complex in Two-layer Stratified Flow Problems*. XVI Nordic Hydrological Conference, Kalmar, Aug. 1990.

Møller, J.S. and P. Kronborg: *Hydrographic and Environmental Investigations in Relation to Strait Crossings. The Great Belt Link and the Fixed Link Across the Strait of Gibraltar*. Third International Colloquium on the Fixed Link Europe-Africa through the Strait of Gibraltar. Marrakesh, May 16-18, 1990.

Møller, J.S.: *Denmark's Great Belt Link. Environmental and Hydrodynamic Issues*. ASCE Annual Convention 1989, New Orleans. Oct. 8-11, 1989.

Møller, J.S. and A. Malmgren-Hansen: *The use of a general Mathematical Model of the Hydrodynamics and Eutrophication of Two layered Marine Area*. 2nd IAWPRC Asian Conference on Water Pollution Control, Bangkok, Nov. 9-11, 1988.

Ottesen Hansen, N-E. and J.S. Møller: *The Great Belt Link. Effect on Kiel and Mecklenburg Bights*. 16th Conference of Baltic Oceanographers, Kiel, Sept. 5-19, 1988.

Møller, J.S., H. Schrøder and I. Sehested Hansen: *An Integral Model of the Buoyant Surface Jet and Plume in a Cross Current and Wind*. 3rd International Symposium on Stratified Flows organized by IAHR. Calif. Inst. of Technology, Feb. 3-5, 1987.

Schrøder, H. and J.S. Møller: *Mechanisms responsible for oxygen conditions in the deep water of the Kattegat and the Belt Sea*. 15th Conference of Baltic Oceanographers. Copenhagen, Nov. 18-21, 1986.

Møller, J.S.: *Análisis hidraulicos como instrumento de planificación*. Spanish-Danish Symposium on Environmental Protection. Madrid, 6-13 Nov. 1986.

Møller, J.S.: *Buoyancy Driven Circulation Caused by Sea Ice Growth*. 8th International Conference on Port and Ocean engineering under Arctic Conditions, Greenland, Sept. 1985.

Asmund, G. and J.S. Møller: *Long Term Variations Governing the Spreading of Dissolved Metals from Mine Tailings Discharged into an Arctic Sill Fiord*. 8th International Conference on Port and Ocean engineering under Arctic Conditions, Greenland, Sept. 1985.

### **Other publications, selected**

Møller J.S.: *Manglende vedligeholdelse koster dyrt*. Kronik i Ingeniøren 13. juni 2008.

Møller, J.S.: *The Øresund Fixed Link. Environment, Stakeholders, and Hydroinformatics*. Invited presentation at ECO-Imagine Training Course, Université Nice, Sophia Antipolis, France, 22-26 Nov. 2005.

Møller, J.S. and M. Geiker: *Bygningsingeniøruddannelsen på DTU – med speciel vægt på beton som byggemateriale*. Presented at Dansk Betondag (in Danish) 15 Sep. 2005.

Møller, J.S. and C.B. Pedersen: *Analyse af hydrografiske data fra det sydlige Kattegat*. (Analysis of Hydrographic Data from South Kattegat, in Danish). Havforskning fra Miljøstyrelsen, nr. 56. ISBN: 87-7810-023-2. Danish Environmental Protection Agency. 1996

Jakobsen, F. and J.S. Møller: *Transporten gennem Lillebælt*. Vand og Jord, vol. 3, nr. 6. pp. 252, 1996.

Nielsen, H., E.B. Rasmussen, I.S. Hansen, L.S. Sørensen and J.S. Møller: *Modellering af fysiske blandingsprocesser* (Modelling Physical Mixing Processes, in Danish). Havforskning fra Miljøstyrelsen, nr. 56. ISBN: 87-7810-302-9. Danish Environmental Protection Agency. 1995

Møller, J.S.: *DYNOCS - Status spring 1995*. Presented at Second MAST Days and EUROMAR Market, Sorrento, Italy, 7-10 Nov. 1995.

Møller J.S. and C.B. Pedersen: *Analysis of Hydrographic Data from the Southern Kattegat* (in Danish). Marine Research Programme in Denmark, Report No. 20. The Danish Environmental Protection Agency, 1994

Møller, J.S.: *The Great Belt Link - the environmental concern*. PIANC Bulletin, No. 72, p 87-91. 1991.

Møller, J.S.: *Hydrodynamics of an Arctic Fjord. Field Study, Affarlikassaa, West Greenland, Resonance of Internal Seiches and Buoyancy-Driven Circulation*. Series Paper, 34. p. 197. Inst. Hydrodynamics. and Hydraulic Engr. Tech. Univ. Denmark. 1984.

Møller, J.S., Fl. Bo Pedersen and T.K. Nielsen: *Measurements of the Convective and Mixed Layer under Growing Sea Ice*. Prog. Rep. 56, pp. 13-23. Inst. Hydrodynamics. and Hydraulic Engr. Tech. Univ. Denmark, 1982.

Deigaard, R., J. Fredsøe, J.S. Møller and B. Østerbye: *Experiments on grain sorting in a diverging flume*. Progr. Rep. 45, pp. 29-32. Apr. 1978. Inst. Hydrodynamics and Hydraulic Engr., Tech. Univ. Denmark. 1978.