

2017-11-15
CURRICULUM VITAE
for

NAME	Per Jonsson, 450406-7317
PLACE OF BIRTH	Mora, Sweden
DATE OF BIRTH	April 6, 1945
MARITAL STATUS	Married to Elisabeth Jonsson in October 16, 1971. Children: Mattias, born 1974 and Malin, born 1976.
NATIONALITY	Swedish
LANGUAGES	Swedish, English
PRESENT ADDRESS	
Home:	Västernäsvägen 17 S-130 40 Djurhamn Sweden
Academical:	Institute of Applied Environmental Research (ITM), Stockholm University, S-106 91 Stockholm, Sweden

ACADEMIC QUALIFICATIONS

Bachelor of Science at Uppsala University, 1973
Ph. D. in Sedimentology (recent processes) at Uppsala University, 1994. (*Ph. D. Thesis: Large-scale changes of contaminants in Baltic Sea sediments*).
Associate professor in Sedimentology (recent processes) 1996.
Adjunct professor in Recent Marine Sedimentology, Uppsala University, 1996-2002.
Researcher at the Institute of Applied Environmental Research (ITM), Stockholm University, 2003-2004.
Guest professor in Recent Marine Sedimentology, Institute of Applied Environmental Research (ITM), Stockholm University, 2004 – 2013
Professor emeritus, Institute of Applied Environmental Research (ITM), Stockholm University, 2013 -

INTERNATIONAL COMMISSIONS

Member of ICES Working Group on Marine Sediments in Relation to Pollution, WGMS, since 1992.
Member of ICES Working Group on the Baltic Marine Environment, WGBME, 1993-1997.
Member of the HELCOM/ICES Steering Group for the Baltic Sea Sediment Baseline Study, 1991-1999.
Deputy member of ICES Advisory Committee for the Marine Environment, ACME 1997-2000
Head of Swedish delegation in OSPARCOM-SIME (Marine monitoring) 1999-2006.
Member of the Nordic Council of Ministers expert group air and sea 2001-2004.

GRADUATE STUDENTS

Faculty opponent, PhD thesis

- 1997: Harri Kankaanpää, Helsinki University, Finland, "Sedimentation, distribution, sources and properties of organic halogen material in the Gulf of Finland".
- 1999: Åbo Academy, Finland, pre-examinator of Henry Vallius thesis "Recent sediments of the Gulf of Finland: An environment affected by the accumulation of heavy metals".
- 2001: Per Nilsson, Umeå University, "Turnover of chlorinated organic compounds and nutrients in an estuarine recipient for pulp and paper mill effluents".
- April 2007: Carola Lindeberg, Umeå University, "Long-term changes of mercury, lead and persistent organic pollutants in arctic environments".
- December 2008: Kaarina Lukkari, Helsinki University, "Chemical characteristics and behaviour of sediment

phosphorus in the northeastern Baltic Sea".

Examination committees, PhD thesis

- 1999: Emil Rydin, Uppsala University. "Mobile phosphorus in lake sediments, sludge and soil - a catchment perspective".
- 2001: Mona Petersson, Uppsala University. "Compositional variability of settling organic particles in non-tidal coastal and shelf environments".
- 2002: Maria Söderström, Stockholms University. "Local and global contaminants in Swedish waters: Studies on PCBs, DDTs, 4,5,6-Trichloroguaiacol and their transformation products in fish and sediments".
- 2002: Gustav Johansson, Uppsala University. "Factors affecting the distribution of rocky-shore macroalgae on the Swedish coast".
- 2005: Helena Högländer, Stockholm University. "Studies of Baltic Sea plankton - spatial and temporal patterns".
- 2006: Joakim Ahlgren, Uppsala University. "Organic Phosphorus Compounds in Aquatic Sediments. Analysis, Abundance and Effects".
- 2007: KTH 1 juni
- 2012: Peng Yi, Uppsala University. "Iodine Isotopes (¹²⁹I and ¹²⁷I) in the Baltic Sea. Tracer applications & environmental impact".

Examination committees, Licentiate thesis

- 2004: Magnus Karlsson, Uppsala University, "Predictive modelling - a tool for aquatic environmental management.
- 2006 Hanna Eriksson, Stockholm university. " Nitrogen land-sea fluxes in the Baltic Sea catchment - Empirical relationships and budgets".

PUBLICATIONS

Thesis

Jonsson, P., 1992. Large-scale changes of contaminants in Baltic Sea sediments during the twentieth century. Doctoral thesis at Uppsala university. ISBN 91-554-2997-1.

Scientific papers 1988-

1. Södergren, A., Bengtsson, B-E., Jonsson, P., Lagergren, S., Larsson, Å., Olsson, M. and Renberg, L., 1988. Summary of results from the Swedish project Environment/Cellulose. *Wat. Sci. Tech.*, Vol. 20, No. 1, pp 49-60.
2. Håkanson, L., Jonsson, P., Jonsson, B. and Martinsen, K., 1988. Distribution of chlorinated organic substances from pulp mills. *Wat. Sci. Tech.*, Vol. 20, No. 1, pp 25-36.
3. Jonsson, P. and Jonsson, B., 1988. Dramatic changes in Baltic sediments during the last three decades. *Ambio* Vol. 17 No. 2, 1988, p 158-160.
4. Södergren, A., Jonsson, P., Bengtsson, B.-E., Kringstad, K., Lagergren, S., Olsson, M. and Renberg, L., 1988. Biological Effects of Bleached Pulp Mill Effluents. SNV Report 3558. 134 s.
5. Håkanson, L. och Jonsson, P., 1989. Hur farliga är egentligen klorutsläppen till vatten? *Vatten* 45:157-166.
6. Jonsson, P., Carman, R. and Wulff, F., 1990. Laminated sediments in the Baltic - A tool for evaluating nutrient mass balances. *Ambio* Vol. 19 No. 3, May 1990, p 152-158.
7. Rosenberg, R., Elmgren, R., Fleischer, S., Jonsson, P., Persson, G. and Dahlin, H., 1990. Marine Eutrophication Case Studies in Sweden. *Ambio* Vol. 19 No. 3, May 1990, p 102-108.
8. de Wit, C., Jansson, B., Strandell, M., Jonsson, P., Bergqvist, P.-A., Bergek, S., Kjeller, L.-O., Rappe, C., Olsson, M. and Slorach, S. , 1990. Results from the first year of the Swedish dioxin survey. *Chemosphere*, 20:1473-1480.
9. Carman, R. and Jonsson, P., 1991. Distribution patterns of different forms of phosphorus in some surficial sediments of the Baltic Sea. *Chemical Geology*, 90 (1991) 91-106.
10. Håkansson, H., Sundin, P., Andersson, T., Brunström, B., Dencker, L., Engwall, M., Ewald, G., Gilek, M., Holm, G., Honkasalo, S., Idestam-Almquist, J., Jonsson, P., Kautsky, N., Lundberg, G., Lund-Kvernheim, A., Martinsen, K., Norrgren, L., Personen, M., Rundgren, M., Stålberg, M., Tarkpea, M. and Wesen, C., 1991. In vivo and in vitro toxicity of fractionated fish lipids, with particular regard to their content of chlorinated organic compounds. *Pharmacology & Toxicology* 1991, 69, p 459-471.

11. Granmo, Å., Jonsson, P., Brydsten, L., Ekelund, R., Magnusson, K. and Berggren, M., 1991. Long-term degradation test with coastal Baltic Sea sediments contaminated with extractable organic halogens. In: Södergren, A. (Ed.) Environmental fate and effects of bleached pulp mill effluents. Proceedings of a SEPA Conference held at Grand Hotel Saltsjöbaden, Stockholm, Sweden 19-21 November 1991. SEPA Report 4031, ISBN 91-620-4031-6, p 68-73.
12. Södergren, A., Adolfsson-Erici, M., Bengtsson, B.-E., Jonsson, P., Lagergren, S., Rahm, L. and Wulff, F. , 1991. Environmental effects of bleached pulp mill effluents discharged into the Baltic Sea. In: Södergren, A. (Ed.) Environmental fate and effects of bleached pulp mill effluents. Proceedings of a SEPA Conference held at Grand Hotel Saltsjöbaden, Stockholm, Sweden 19-21 November 1991. SEPA Report 4031, ISBN 91-620-4031-6, p 199-202.
13. Nylund, K., Asplund, L., Jansson, B., Jonsson, P., Litzén, K. and Sellström, U., 1992. Analysis of some polyhalogenated organic pollutants in sediment and sewage sludge. *Chemosphere* 24:1721-1730.
14. Schaffner, L., Jonsson, P., Diaz, R. J., Rosenberg, R., Blomquist, S. and Gapcynski, P., 1992. Benthic communities and bioturbation history of estuarine and coastal systems: Effects of hypoxia and anoxia. *Science of the Total Environment Suppl.* 1992, p 1001-1016.
15. Fleischer, S. and Jonsson, P., 1992. Measures counteracting eutrophication - in the Kattegat. *Science of the Total Environment suppl.* 1992, p 1159-1164.
16. Södergren, A., Adolfsson-Erici, M., Bengtsson, B.-E., Jonsson, P., Lagergren, S., Rahm, L. and Wulff, F. , 1993. Bleached Pulp Mill Effluents - Fate and Effects in the Baltic Sea. Swedish Environmental Protection Agency Report 4047, 150 p.
17. Wulff, F., Rahm, L., Jonsson, P., Brydsten, L., Ahl, T. and Granmo, Å., 1993. A mass balance of chlorinated organic matter for the Baltic Sea - A challenge to ecotoxicology. *Ambio* 22:27-31.
18. Jonsson, P., Rappe, C., Kjeller, L.-O., Kierkegaard, A., Håkanson, L. and Jonsson, B., 1993. Pulp mill related polychlorinated organic compounds in Baltic Sea sediments. *Ambio* 22:37-43.
19. Jonsson, P., 1993. Halogenated compounds in coastal sediments. In: HELCOM, 1993. First Assessment of the State of Coastal Waters of the Baltic Sea. *Balt. Sea Environ. Proc. No. 54*, p 104-109.
20. Østfeldt, P., Gustavson, K., Jansson, B., Jonsson, P., Miettinen, V., Ringstad, O. and Wesén, C., 1994. Halogenated Organic Compounds in the Marine Environment 1989-1990. *TemaNord* 1994:591 ISBN 92 9120 517 6, 130 pp.
21. Grimvall, A., Jonsson, P., Cederlöf, M. och Hildén, M., 1994. Föroreningshoten mot Bottniska viken. *Vatten* 50:231-246.
22. Jonsson, P. and Carman, R., 1994. Changes in sediment deposition of organic matter and nutrients in the Baltic Sea during the twentieth century. *Marine Pollution Bulletin* 28:417-426.
23. Axelman, J., Bandh, C., Broman, D., Carman, R., Jonsson, P., Larsson, H., Linder, H., Näf, C., Pettersen, H., 1995. Time-trend analysis of PAH and PCB fluxes in the northern Baltic proper using different dating methods *Mar. Freshwater Res.* 46:137-144.
24. Gunnarsson, J., Broman, D., Jonsson, P., Olsson, M. and Rosenberg, R., 1995. Interactions Between Eutrophication and Contaminants: Towards a new research concept for the European aquatic environment. *Ambio* 24:383-385.
25. Borg, H. and Jonsson, P., 1996. Large-scale Metal Distribution in Baltic Sea Sediments. *Marine Pollution Bulletin* 32:8-21.
26. Jonsson, P., Grimvall, A., Cederlöf, M. and Hildén, M., 1996. Pollution threats to the Gulf of Bothnia. *Ambio special report* 6, Sept. 1996, p 22-27.
27. Duinker, J. and Jonsson, P., 1996. Quellen und regionale Verteilung organischer Schadstoff im Wasser und Sedimente, p 69-73. In: Lozán, J.L., Lampe, R., Matthäus, W., Rachor, E., Rumohr, H. & von Westernhagen, H. (Editors). *Warnsignale aus der Ostsee - Wissenschaftliche Fakten*, 400 pp, Parey Buchverlag, Berlin, ISBN 3-8263-3086-2.
28. Södergren, A. und Jonsson, P., 1996. Chlorbleich-Abwässer aus der Zellstoff- und Papierindustrie - Die Schwedische Fallstudie, p 284-287. In: Lozán, J.L., Lampe, R., Matthäus, W., Rachor, E., Rumohr, H. & von Westernhagen, H. (Editors). *Warnsignale aus der Ostsee - Wissenschaftliche Fakten*, 400 pp, Parey Buchverlag, Berlin, ISBN 3-8263-3086-2.
29. Gustavson, K. and Jonsson, P., 1999. Some halogenated organic compounds in sediments and blue mussel (*Mytilus edulis*) in Nordic seas. *Marine Pollution Bulletin* 38:723-736.

30. Jonsson, P. Eutrophication effects on the fate of bleachery discharges. In: (Stuthridge, van der Heuvel, Marvin, Slade and Gifford, Eds.) *Environmental Impacts of Pulp and Paper Waste Streams*. SETAC 2003, ISBN 1-880611-34-1. p 167-176.
31. Persson, J. and Jonsson, P. 2000. Historical development of laminated sediments - an approach to detect soft sediment ecosystem changes in the Baltic Sea. *Mar.Pollut. Bull.* 40, 122-134.
32. Skei, J., Larsson, P., Rosenberg, R., Jonsson, P., Olsson, M. and Broman, D., 2000. Eutrophication and contaminants in aquatic ecosystems. *Ambio* 29:184-194.
33. Olsson, M., Bignert, A., Eckhéll, J. and Jonsson, P., 2000. Comparison of Temporal Trends (1940s-1990s) of DDT and PCB in Baltic Sediment and Biota in relation to eutrophication. *Ambio* 29:238-245.
34. Eckhéll, J., Jonsson, P., Meili, M. and Carman, R., 2000. Storm influence on the accumulation and lamination of sediments in deep areas of the northwestern Baltic proper. *Ambio* 29:238-245.
35. Jonsson, P., 2000. Sediment burial of PCBs in the offshore Baltic Sea. *Ambio* 29:260-267.
36. Jonsson, P., Eckhéll, J. and Larsson, P., 2000. PCB and DDT in laminated sediments from offshore and archipelago areas of the NW Baltic Sea. *Ambio* 29:268-276.
37. Meili, M., Jonsson, P., Lindström, M. and Holmberg, P. (2000): Accumulation of Chernobyl Cs-137 in coastal archipelagos of the Baltic Sea. In: Nielsen, S.P., The radiological exposure of the population of the European Community to radioactivity in the Baltic Sea. Marina-Balt project. Proceedings of a seminar held at Hasseludden Conference Centre, Stockholm, 9 to 11 June 1998. EUR 19200 EN, ISBN 92-828-7864-3, p 415-420.
38. Meili, M., Jonsson, P. and Carman, R. Meili, M., Jonsson, P. and Carman, R., 2000. PCB levels in laminated coastal sediments of the Baltic Sea along gradients of eutrophication revealed by stable isotopes ($\delta^{15}\text{N}$, $\delta^{13}\text{C}$). *Ambio* 29:282-287.
39. Persson, J. and Jonsson, P. 2000. Historical development of laminated sediments - an approach to detect soft sediment ecosystem changes in the Baltic Sea. *Mar.Pollut. Bull.* 40, 122-134.
40. Perttilä, M., Jonsson, P., Larsen, B., Niemistö, L., Winterhalter, B. & Axelsson, V., 2003. The 1993 HELCOM/ICES Baltic Sea Sediment Baseline Study. In: Perttilä, M. (Ed.), Contaminants in the Baltic Sea Sediments, Results of the 1993 HELCOM/ICES Baltic Sea Sediment Baseline Study, p 9-20. No. 50 2003, MERI, Report Series of the Finnish Institute of Marine Research. ISSN 1238-5328, ISBN 951-53-2557-9.
41. Jonsson, P., & Kankaanpää, H., 2003. Organic contaminants. In: Perttilä, M. (Ed.), Contaminants in the Baltic Sea Sediments, Results of the 1993 HELCOM/ICES Baltic Sea Sediment Baseline Study, p 45-57. No. 50 2003, MERI, Report Series of the Finnish Institute of Marine Research. ISSN 1238-5328, ISBN 951-53-2557-9.
42. Jensen, B., Larsen, B., Jonsson, P. & Perttilä, M., 2003. Sediment age determination and sensitivity. In: Perttilä, M. (Ed.), Contaminants in the Baltic Sea Sediments, Results of the 1993 HELCOM/ICES Baltic Sea Sediment Baseline Study, p 58-64. No. 50 2003, MERI, Report Series of the Finnish Institute of Marine Research. ISSN 1238-5328, ISBN 951-53-2557-9.
43. Algesten, G., Brydsten, L., Jonsson, P., Kortelainen, P., Löfgren, S., Rahm, L., Räike, A., Sobek, S., Tranvik, L., Wikner, J., Jansson, M. 2006. Organic carbon budget for the Gulf of Bothnia. *Journal of Marine Science*, online version www.sciencedirect.com/
44. Robba, M., Sacile, R., Jonsson, P. and Gelaziene, L., 2007. Geographic information systems for risk assessment of seabed dumping sites. In: Blondel, P. and Caiti, A. (Eds) Buried waste in the seabed, Acoustic imaging and bio-toxicity. Results from the European SITAR project, p 65-70. Springer - Praxis, ISBN 10: 3-540-28120-7.
45. Jonsson, P. and Hansson, T., 2007. The sea trial site in Möja Söderfjärd: biological sampling. In: Blondel, P. and Caiti, A. (Eds) Buried waste in the seabed, Acoustic imaging and bio-toxicity. Results from the European SITAR project, p 83-86. Springer - Praxis, ISBN 10: 3-540-28120-7.
46. Caiti, A., Robba, M., Sacile, R., Jonsson, P. and Gelaziene, L., 2007. GIS-based data presentation system. In: Blondel, P. and Caiti, A. (Eds) Buried waste in the seabed, Acoustic imaging and bio-toxicity. Results from the European SITAR project, p 169-174. Springer - Praxis, ISBN 10: 3-540-28120-7.
47. Jonsson, P., 2007. Biotoxicological methods. In: Blondel, P. and Caiti, A. (Eds) Buried waste in the seabed, Acoustic imaging and bio-toxicity. Results from the European SITAR project, p 175-178. Springer - Praxis, ISBN 10: 3-540-28120-7.
48. Granberg, M.E., Gunnarsson, J.S., Hedman, J., Rosenberg, R & Jonsson, P., 2008. Bioturbation-driven release of organic contaminants from Baltic Sea sediments mediated by the invading polychaete *Marenzelleria neglecta*. *Environ. Sci Technol.* 42:1058-1065.
49. Cornelissen G., Broman, D., Arp, H. P., Persson, Y., Sundqvist, K., Wiberg, K. and Jonsson, P. Freely dissolved concentrations and sediment-water activity ratios of PCDD/Fs and PCBs in the open Baltic Sea. *Environ. Sci. Technol.*, 2008, 42 (23), pp 8733–8739

50. Armitage, J. M., McLachlan, M. S., Wiberg, K. and Jonsson, P., 2009. A Model Assessment of polychlorinated dibenzo-p-dioxin and dibenzofuran sources and fate in the Baltic Sea. *Science of the Total Environment* 407 (2009) 3784-3792.
51. Wiberg, K., McLachlan, M., Jonsson, P. and Johansson, N., 2009. Sources, transport, reservoirs and fate of dioxins, PCBs and HCB in the Baltic Sea environment. Swedish Environmental Protection Agency Report 5912,143 p., Stockholm, Sweden. ISBN 978-91-620-5912-5, ISSN 0282-7298.
52. Rydin, E., Malmaeus, J. M., Karlsson, O. M. and Jonsson, P., 2011. Phosphorus release from coastal Baltic Sea sediments as estimated from sediment profiles. *Estuarine, Coastal and Shelf Science* 92:111-117.
53. Karlsson, M. O., Jonsson, P., Lindgren, D., Malmaeus, M. and Stehn, A. 2010. Indications of recovery from hypoxia in the inner Stockholm archipelago. *Ambio* 39: 486-495
54. Daniel J. Conley; Jacob Carstensen; Juris Aigars; Philip Axe; Erik Bonsdorff; Tatjana Eremina; Britt-Marie Hahti; Christoph Humborg; Per Jonsson; Jonne Kotta; Christer Lännegren; Ulf Larsson; Alexey Maximov; Miguel Rodriguez Medina; Elzbieta Lysiak-Pastuszak; Nijolė Remeikaitė-Nikienė; Jakob Walve; Sunhild Wilhelms; Lovisa Zillén, 2011. Hypoxia Is Increasing in the Coastal Zone of the Baltic Sea *Environmental Science & Technology* 45:6777-6783.
55. Assefa AT, Sundqvist KL, Cato I, Jonsson P, Sobek A, Tysklind M, Wiberg K., 2012. Trends of PCDD/Fs in coastal and offshore baltic sea sediment cores covering the 20th century. *Organohalogen Compounds* Vol. 74, 328-331.
56. Malmaeus, J.M., Rydin, E., Jonsson, P. and Lindgren, Dan & Karlsson, O. Magnus, 2012. Estimating the amount of mobile phosphorus in Baltic coastal soft sediments of central Sweden. *Boreal Environment Research* 17, 425-436.
57. Assefa, A. T.; Sobek, A.; Sundqvist, K. L.; Cato, I.; Jonsson, P.; Tysklind, M.; Wiberg, K. Temporal trends of PCDD/Fs in Baltic Sea sediment cores covering the 20th century. *Environ. Sci. Technol.* 2014, 48, 947-953.
58. Sobek, A., Wiberg, K., Sundqvist, K. L., Haglund, P., Jonsson, P. and Cornelissen, G., 2014. Coastal sediments in the Gulf of Bothnia as a source of dissolved PCDD/Fs and PCBs to water and fish. *Science of The Total Environment*, Volume 487: 463-470.
59. Puttonen, I., Mattila, J., Jonsson, P., Karlsson, O. M., Kohonen, T., Kotilainen, A., Lukkari, K., Malmaeus, J. M., Rydin, E. Distribution and estimated release of sediment phosphorus in the northern Baltic Sea archipelagos. *Estuarine Coastal and Shelf Science* 05/2014.
60. Andrén, E., Telford, R. J., Jonsson, P., 2016. Reconstructing the history of eutrophication and quantifying total nitrogen reference conditions in Bothnian Sea coastal waters. *Estuarine Coastal and Shelf Science* Jul 2016.
61. Sellström U, Kierkegaard A, Alsberg T, Jonsson P, Wahlberg C and de Wit C. Brominated flame retardants in sediments from European estuaries, the Baltic Sea and in sewage sludge, *Organohalogen Compounds* 1999;40,383-386.

Reports

In English

- Jonsson, P. The Swedish EUCON project - Priorities and some results in October 1996. In: Kramer, P.R.G, Jonkers, D.A., van Liere, L. (Eds.), 1997. Interaction of nutrients and toxicants in the foodchain of aquatic ecosystems. Netherlands Institute for Public Health and the Environment, RIVM report no. 703715001, Bilthoven, The Netherlands.
- Jonsson, P. and Persson, J. (Eds.), 1998. Recipient, Coast and sea water management. Baltic university, Sustainable water management, Booklet 8. 36 p (mimeo).
- Jonsson, P. and Persson, J. (Eds.), 1998. The Baltic waterscape. Baltic university, Sustainable water management, Booklet 1. 48 p (mimeo).
- Meili, M., Jonsson, P. and Holmberg, P., 1998. Investigation of sediments along the south-western coast of the Bothnian Sea: calibrated simulation of a dispersal of radionuclides from SFR. Phase 1: Sample collection and feasibility assessment, July-Nov. 1998. 14 p (mimeo).
- Jonsson, P., Balk, L. and Hansson, T., 2005. Evaluation of biological toxicity testing. Deliverable 29 from the SITAR project. 29 pp. EU Contract EVK3-CT-2001-00047.
- ICES, 2005. Sediment dynamics in relation to sediment trend monitoring. International council for the exploration of the sea, working group for sediments in relation to pollution, ICES WGMS Report 2005, Annex 6, 21 p.

- Karlsson, M. O., Jonsson, P., Lindgren, D., Malmaeus, M. Sediment studies in the Stockholm archipelago 2008. IVL Report U2519, Stockholm, Sweden, (75 p).

In Swedish

- Jonsson, P., 1973. Sediment i norduppländska "Charasjöar". Kvartärgeologiska avd., Uppsala, No 39. (Trebetingsuppsats).
- Andersson, E., Andersson, U.-M., Broberg, A. och Jonsson, P., 1975. Sunnerstaviken. Nuvarande status och förslag till restaureringsåtgärder. Limnologiska inst., Uppsala, 1975. (Stencil). 94 s.
- Andersson, E., Andersson, U.-M., Broberg, A. och Jonsson, P., 1975. Igelsjön. Nuvarande status och förslag till restaureringsåtgärder. Limnologiska inst., Uppsala, 1975. (Stencil). 51 s.
- Andersson, E., Andersson, U.-M., Broberg, A. och Jonsson, P., 1975. Dalkarlskärret. Nuvarande status och förslag till restaureringsåtgärder. Limnologiska inst., Uppsala, 1975. (Stencil). 25 s.
- Jonsson, P., 1975. Kopparbergs läns sjöar. Meddelande från länsstyrelsen i Kopparbergs län, N 1975:9. 122 s.
- Jonsson, P., 1976. Gullspångsälven. Sammanställning av 1974 och 1975 års recipientundersökningar inom Gullspångsälvens avrinningsområde. Länsstyrelsen i Örebro län - Gullspångsälvens vattenvårdsförbund. (Stencil). 30 s.
- Jonsson, P., 1975. Sunnerstavikens historia och sedimentkemi. Scripta Limnologica Upsaliensia 382.
- Jonsson, P., Jonsson, B., Håkanson, L. och Martinsen, K., 1986. Spridning av klorerat organiskt material från skogsindustrier. SNV rapport 3228, 93 sid.
- Jonsson, P. och Håkanson, L., 1985. Skogsindustriers påverkansområden - metodik/strategi. Cellstoffet, Nr 4, SNV, Solna.
- Rappe, C., Kjeller, L.-O., Jonsson, P., Jonsson, B. och Håkanson, L., 1987. Klorerade dibensodioxiner och dibensofuraner samt extraherbart organiskt klor. Studier av havssediment utanför en skogsindustri. SNV, Stencil 1987-03-10. 36 s.
- Södergren, A., Jonsson, P., Bengtsson, B.-E., Kringstad, K., Lagergren, S., Olsson, M. and Renberg, L., 1988. Biologiska effekter av blekeriavlopp. SNV Rapport 3498. 134 s.
- Håkanson, L., Jonsson, B., Jonsson, P. and Martinsen, K., 1988. Påverkansområden för klorerat organiskt material från massablekerier. SNV Rapport 3522. 165 s, English summary 12 p.
- Jonsson, P., 1988. Okända gifter i fisk. DN Debatt, 11 november 1988.
- Jonsson, P., 1990. Sedimentundersökning nord och ost om Öland. Naturvårdsverket, Havsmiljöenheten. (Stencil). 30 s.
- Anonymous, 1991. Havet lever - men farligt. Svenska forskare om eutrofieringen av våra hav. Naturvårdsverket Förlag, Stockholm, ISBN 91-620-1104-9, 72 pp.
- Jonsson, P., 1992. Östersjöns miljöhistoria avspeglas i bottenarna. Naturvetenskapliga Forskningsrådets Årsbok 1992: Östersjön - ett hav i förändring, s 42-51.
- Rodhe, H., Hedlund, T., Eriksson, H., Jonsson, P., Klemmedtsson, L. och Nilsson, M., 1995. Sveriges växthusgasbudget - Rapport från ett seminarium 1994-11-22 Miljödepartementet, Klimatdelegationen, Rapport 1/95.
- Jonsson, P. och Persson, J., 1996. Bottenförhållanden som eutrofieringsindikator i S:t Anna skärgård. Länsstyrelsen i Östergötlands län, Rapport 1996:8, (Stencil), 63 sid.
- Björndal, H., Flodström, S., Jansson, B., Johansson, N., Jonsson, P., Lundgren, A., Svanberg, O. Östman, M., 1996. POP - Stabila organiska miljögifter, Stort eller litet problem. Naturvårdsverket Rapport 4563, Stockholm, 72 sid.
- Hill, C., Grip, K., Evans, S., Jansson, I., Jansson, K., Johansson, S. och Jonsson, P. Mål och åtgärder för bevarande av biologisk mångfald i svenska områden. Naturvårdsverket Rapport 4599, Stockholm, 136 sid.
- Persson, J., Jonsson, P., Agås, P. och Sorelius, A., 1999. Laminerade bottenar i Ångermanfjorden - en effekt av organisk belastning. Länsstyrelsen i Västernorrlands län, Publ. 1999:3, 95 sid.
- Karlsson, M. O. och Jonsson, P., 2001. Bottenundersökning av ammunitionsdumpningsplatserna Möja Söderfjärd och Trälhavet 2001. Inst. för geovetenskaper, Uppsala universitet. Stencil 11 sid.
- Cato, I. Gönczi, M., Jonsson, P., Persson, J. och Sandkvist, Å., 2002. Sedimentundersökningar i Muskö- och Horsfjärdensområdet. SGU-rapport 2002:16.
- Jonsson, P., 2002. Bottenundersökningar i Gårdsfjärden 2002. JP Sedimentkonsult Rapport. Stencil 23 sid.
- Karlsson, M. och Jonsson, P., 2003. Bottenundersökning av ammunitionsdumpningsplatser i Bottniska viken 2002. Rapport för Forsvarsmakten, HKV GRO. 39 sid.

- Jonsson, P. (Red.), Persson, J. och Holmberg, P., 2003. Skärgårdens bottenar. Naturvårdsverket Rapport 5212, Stockholm, ISBN 91-620-5212-8, ISSN 0282-7298, 112 sid. English summary.
- Karlsson, M. & Jonsson, P., 2004. Förekomsten av metaller och cyanid i Galtens bottensediment, Rapport för Bodycote Ytbehandling AB, Kungsör. 30 sid.
- Jonsson, P. & Karlsson, M.O., 2004. Bottenkartering av ammunitionsdumpningsplatser i Väneren, Vättern och Bråviken, september 2003. Rapport för Försvarsmakten, HKV GRO. 39 sid.
- Jonsson, P. & Karlsson, M.O., 2005. Sedimenttillväxt på ammunitionsdumpningsplatser i Mälaren – datering genom varvräkning och ¹³⁷Cs-aktivitet. Rapport för Försvarsmakten, HKV GRO. 29 sid.
- Jonsson, P., 2006. Vattenutbyte och syreförhållanden i Vämlingen, Wärmdö kommun. Rapport till intresseföreningen Oscarskanalens Vänner. 11 sid.
- Feldtmann, M. och Jonsson, P., 2006. Stockholm - Nynäshamn, Norvikudden. Utredning av tippningsplatser för muddermassor. Rapport SWECO VIAK. XX sid.
- Evenhamre, P. och Jonsson, P., 2007. Stockholm - Nynäshamn, Norvikudden. Utredning av tippningsplatser för muddermassor på norra Mysingen. Rapport SWECO VIAK. XX sid.
- Jonsson, K., Höglund, L. O. och Jonsson, P., 2007. Översiktliga undersökningar/utredningar av sediment i Lövstabukten. Rapport Kemakta AR 2007-04. 113 sid.
- Jonsson, K., Höglund, L O., Jonsson, P., 2007. PM: Kompletterande undersökningar av sediment i Eggegrund. Kemakta Konsult AB. Kemakta AR 2007-27.
- Höglund, L O., Jonsson, K., Jonsson, P., Persson, J., 2008. Utredning rörande kvicksilvertunnor i Sundsvallsbukten. Sedimentundersökningar och riskklassning enligt MIFO fas 2. Kemakta Konsult AB. Kemakta AR 2008-01.
- Jonsson, P., 2008. Sedimentationsförändringar i Ådfjärden, Mälbyfjärden och syd Skramsösund. JP Sedimentkonsult juli 2008. 17 sid.
- Jonsson, P., 2008. Stockholm - Nynäshamn, Norvikudden. Utredning av tippplatser för muddermassor i öppet hav utanför Nynäshamn. Rapport JP Sedimentkonsult.
- Karlsson, M., Malmaeus, M., Jonsson, P. and Rydin, E., 2009. Sediment studies in the Stockholm archipelago 2008. IVL report U2519, 73 p. IVL, Stockholm, Sweden.
- Karlsson, M., Malmaeus, M., Elving, H., Rydin, E. och Jonsson, P., 2010. Bottenundersökningar i Upplands, Stockholms, Södermanlands och Östergötlands skärgårdar 2008-2009. Återbesök i 1990talets studieområden. IVL Report B1928, 99 p. IVL, Stockholm, Sweden.
- Jonsson, P., 2010. Spridning av föroreningar från Beckholmen - Sediment-undersökning i Stockholms hamn. Rapport JP Sedimentkonsult.
- Jonsson, P., 2011a. Sonarkartering av dumpade arsenikbetongblock i Bottenviken ost Rönnskärsverken. Rapport JP Sedimentkonsult, 21 sid.
- Jonsson, P., 2011b. Bottenundersökningar i Laxsjön. Rapport JP Sedimentkonsult, 16 sid.
- Jonsson, P., 2011c. Sediment- och vattenprovtagning längs Gävleborgskusten. Rapport JP Sedimentkonsult, 9 sid.
- Jonsson, P., 2011d. Bottenkartering av sex fjärdar längs Gävleborgskusten. Rapport JP Sedimentkonsult, 16 sid.
- Jonsson, P., 2011e. Sedimentprovtagning längs Upplandskusten. Rapport JP Sedimentkonsult, 9 sid.
- Jonsson, P., 2012f. Bottenkartering av Västeråsfjärden. Rapport JP Sedimentkonsult 2012:01, 39 sid.
- Jonsson, P. och Karlsson, M. O., 2012. Björnöfjärdens historiska utveckling. JP Rapport 2012:02, 45 sid.
- Jonsson, P., 2013a. Sonarkartering och sedimentprovtagning i planerat muddringsområde vid Djuphamnen i Västerås. JP Sedimentkonsult Rapport 2013:1, 39 sid.
- Jonsson, P., 2013b. Sedimentbundna föroreningar från Västerås - Bottenundersökning i Västeråsfjärden. JP Sedimentkonsult Rapport 2013:2, 43 sid.
- Jonsson, P., 2013c. Sonarkartering och sedimentprovtagning i Köpings hamn och på fjärden Galten. JP Sedimentkonsult Rapport 2013:3, 48 sid.
- Jonsson, P. och Karlsson, M. O., 2013. Sonarkartering och sedimentprovtagning i Grycken. JP Sedimentkonsult Rapport 2013:4, 36 sid.
- Jonsson, P., 2014a. Projekt: Miljöövervakning av sediment i Stockholms skärgård och östra Mälaren. Delrapport: Provtagning och dokumentation av sedimentkärnor. JP Sedimentkonsult Rapport 2014:1, 47 sid.
- Jonsson, P., 2014b. Regionala bakgrundshalter av metaller i Västeråsfjärden. JP Sedimentkonsult Rapport 2014:2, 27 sid.
- Jonsson, P., 2014c. Kompletterande sedimentprovtagning i Köpings hamnområde. JP Sedimentkonsult Rapport 2014:3, 31 sid.
- Jonsson, P., 2014d. Sonarkartering av objekt på Oxundasjöns botten. JP Sedimentkonsult Rapport 2014:4, 43 sid.

- Jonsson, P., 2014e. Kompletterande sedimentprovtagning i Västerås hamn. JP Sedimentkonsult Rapport 2014:5, 99 sid.
- Jonsson, 2015a. Miljögifter i sediment i Stockholms skärgård och östra Mälaren 2013. Länsstyrelsen Stockholm Rapport 2015:3. ISBN 978-91-7281-626-8. 113 sidor och bilagor.
- Jonsson, 2015b. Utredning av Beckholmens påverkan på vattenmiljön. Länsstyrelsen Stockholm Rapport (In press), 44 sidor samt bilagor.
- Jonsson, P., 2015c. Provtagning av sediment i Riddarfjärden. JP Sedimentkonsult Rapport 2015:2, 53 sidor samt bilagor
- Rydin, E., Jonsson, P., Karlsson, M. & Gustafsson, A., 2016. Läckagebenägen fosfor i Brunnsvikens sediment 2016. Underlag för lokalt åtgärdsprogram. Naturvatten AB Rapport 2016:34, 45 sidor samt bilagor.
- Jonsson, P., 2016. Metaller och organiska miljöföroreningar i sediment i Räcksta Träsk. JP Sedimentkonsult Rapport 2016:1, 38 sid plus bilagor.
- Jonsson, P., 2017a. Kompletterande sedimentprovtagning i Djuphamnen i Västerås. JP Sedimentkonsult Rapport 2017:1, 9 sidor plus analysbilaga.
- Jonsson, P., 2017b. Sedimentprovtagning och historikbedömning i Oxundasjön. JP Sedimentkonsult Rapport 2017:2, 15 sidor.
- Jonsson, P., 2017c. Björnöfjärdens syrgashistorik. JP Sedimentkonsult Rapport 2017:3, 25 sidor och bilagor.
- Jonsson, P., 2017d. Kartering och verifierande sedimentprovtagning i Norrviken inom LIFE IP Rich Waters (LIFE IPE SE 015 Rich Waters). JP Sedimentkonsult Rapport 2017:4, 36 sidor.
- Jonsson, P., 2017e. Sedimentförhållanden och föroreningar utanför Johannisberg – Lövudden. JP Sedimentkonsult Rapport 2017:5, 28 sidor.

Abstracts

- Martinsen, K., Carlberg, G.E. and Jonsson, P., 1987. Sampling and analysis of organic micropollutants in sediments. Extended abstract for Cost 641 Workshop, June 16-17, 1987, Bilthoven, The Netherlands. 4 p.
- Borg, H., Broman, D., Jonsson, P. and Lithner, G. The load of metals in the Baltic Sea area as monitored by sediments and sediment traps. Abstract. Föredrag vid Int. sedimentkonferens i Göteborg 22-25 augusti 1994.
- Meili, M., Jonsson, P. & Carman, R. (1998): 137Cs dating of laminated sediments in Swedish archipelago areas of the Baltic Sea. - In: Dating of sediments and determination of sedimentation rates (ed. Ilus, E.). Proceedings of the Second International NKS Seminar, Helsinki, pp. 127-130 (in press).
- Meili, M., Jonsson, P. & Carman, R. (1997): Hög sedimentation i skärgårdsfjärdar enligt 137Cs-datering (High sedimentation rates in Swedish Archipelago bays according to 137Cs dating). - Oral presentation and Abstract (in Swedish) at the Annual meeting of the Association of Swedish Marine Scientists (Havsforskarmötet), Norrköping, Sweden, 19-21 March 1997.
- Meili, M., Jonsson, P. & Carman, R. (1997): 137Cs dating of laminated sediments in Baltic Archipelago areas. - Invited oral presentation and Abstract at the Second International NKS/EKO1 Seminar on Dating of sediments and determination of sedimentation rates, Helsinki, Finland, 2-3 April 1997.
- Jonsson, P., Jonsson, J., Meili, M. and Carman, R. Storm influence on sediment deposition rates in the Baltic proper. Abstract for presentation at the 8th International Symposium on the Interactions between Sediments and Water in Beijing, China, 13-17 September 1999.
- Meili, M. and Jonsson, P. Sediment resuspension and focusing in lakes and in the Baltic Sea: experiences from the Chernobyl fallout. Abstract for presentation at the 8th International Symposium on the Interactions between Sediments and Water in Beijing, China, 13-17 September 1999.
- Granberg, M.E., Gunnarsson, J.S., Rosenberg, R. and Jonsson P. Fate of sequestered chlorinated organic contaminants during revitalization of laminated, hypoxic Baltic Sea sediments. Abstract for presentation at 3rd SETAC World Congress, 21-25 May 2000, Brighton, UK.
- Meili, M. and Jonsson, P., 2005. Historical and spatial trends of eutrophication based on stable isotopes (d15n, d13c) in coastal sediments of the Baltic Sea. Abstract for presentation at the SLO Conference in Santiago de Compostela, Spain, June 19-24 2005.
- Jonsson, P., Olsson, M., Asplund, L., Bignert, A., Eriksson, U., Jensen, S. and Nylund, K. Factors controlling retention of non-polar organic contaminants in Baltic Sea sediments. Abstract for presentation at the 10th International Symposium on the Interactions between Sediments and Water in Bled, Slovenia, August 28 - September 2, 2005.

Caiti, A., Jonsson, P., Gelaziene, L., Minciardi, R., Robba, M. and Sacile, R., A geographical information system for risk assessment of toxic seabed dumpsites. DOI: 10.1109/OCEANSE.2005.1513184 Conference: Oceans 2005 - Europe, Volume: 2.

Research Programmes/Investigations

- Frisé, R., Grip, K., Jonsson, P., Norrman, J. O., Rosenberg, R. och Thorell, L., 1980. Den marina kustzonen. SNV pm 1284. 30 pp.
- Tyler, G. et al., Metaller påverkan på den yttre miljön.
- Södergren, A., Jonsson, P., Kringstad, K., Lagergren, S. and Olsson, M., 1983. Research program for the project field Environment/Cellulose - Biological effects of effluents from pulp industries. SNV PM 1793. 49 pp.
- **Elmgren, R., Rosenberg, R., Jonsson, P., Dahlin, H., Fleischer, S. och Thorell, L., 1986. Eutrofiering i marin miljö - Forskningsprogram 1983-1989. SNV Rapport 3259. 168 pp.**
- Södergren, A., Bengtsson, B.-E., Jonsson, P., Kringstad, K., Lagergren, S., Olsson, M. and Renberg, L., 1988. Environment/Cellulose II, Biological effects of water discharges by the forest industry - Research programme. SNV Report 3430. 49 pp.
- Håkansson, H., Jonsson, P., Kautsky, N. och Martinsen, K., 1990. Okänt halogenerat material - Forskningsutredning för Statens naturvårdsverk. SNV, (Stencil). 55 s.
- Jonsson, P., Broman, D., Gunnarsson, J., Olsson, M. and Rosenberg, R., 1993. Possible Interactions between Eutrophication and Pollutant Dynamics in the Marine Environment - Research Recommendations. Swedish Environmental Protection Agency Report (Mimeo).
- **Johansson, N., Jonsson, P., Svanberg, O., Södergren, A. and Thulin, J., 1995. Reproductive disorders in Baltic fish. Swedish Environmental Protection Agency Report 4347. ISBN 91-620-4347-1. 33 pp.**
- Ahlberg, U.G., Björndal, H., Flodström, S., Jansson, B., Johansson, N., Jonsson, P., Olsson, M., Utne Skaare, J., Slorach, S. and Södergren, A., 1995. Persistent Organic Pollutants - A research programme for the period 1992/93 - 1997/98. Swedish Environmental Protection Agency Report 4283. ISBN 91-620-4283-1, 56 pp.
- Jonsson, P. (Ed.), 1996. EUCON - Interactions between Eutrophication and Contaminants in the Aquatic Environment. Research Programme for the period 1995-1999. Swedish Environmental Protection Agency Report 4690, 52 pp.

Lectures and conferences (from 1995 and onwards)

- Poster on "Materialtransporter mellan kustzon och öppet hav i Östersjön" vid Uppsala Vatten-Centrums vattendagar vid SLU, Ultuna (erhållit 3:e pris för postern).
- Computerized multimedia presentation "En resa genom Östersjöns botten" Uppsala Vatten-Centrums vattendagar vid SLU, Ultuna
- February 1996, docent lecture on Baltic Sea sediments - A recorder of environmental history.
- Presentation of two extended abstracts at ICES working group (Biological effects of contaminants; Marine sediments in relation to pollution) meeting in Oostende 29 February - 2 March 1996. 1/ Some data on offshore temporal trends in the Baltic Sea 2/ Degradability of extractable organic chlorine (EOCl).
- Participation in "HELCOM Ad Hoc Expert meeting to assess national reports on measures to reduce discharges and emissions of heavy metals and persistent organic pollutants" in Helsinki, 10-12 June 1996.
- Invited speaker at a workshop on "Interaction of nutrients and toxicants in the foodchain of aquatic ecosystems" in Zeist, The Netherlands, 15-17 September 1996. Presentation of an extended abstract on The EUCON project, Priorities and some results in October 1996.
- Invited speaker at Swedish EPA workshop on En miljöanpassad skogsindustri, 19 September Presentation of a paper Hur långt ifrån en uthålligt hållbar situation är vi idag vad gäller utsläpp av kväve och fosfor till Östersjön?
- Presentation of two papers at IASWS Conference in Baveno, Italy, 22-25 September 1996, 1/ Jonsson, P., Eutrophication - An important factor for decreasing chlorinates in Baltic Sea biota? 2/ Persson, J. & Jonsson, P., Temporal variations in recently laminated sediments in a Baltic coastal region.
- Presentation of two papers at a special theme session "Results of Baseline Study of Contaminants in Baltic Sediments" at ICES Statutory meeting in Reykjavik, Iceland, 29 September - 2 October 1996, 1/ Jonsson, P., Broman, D., Dybdahl, H.P., Kierkegaard, A., Martinsen, K. & Näf, C., Spatial distribution patterns and time trends for halogenated compounds in Baltic Sea sediments

- Session chairman for "Interactions between Eutrophication and Contaminants at ASLO meeting in Santa Fe, New Mexico, USA 10-14 February 1997. Presentation of a paper entitled Effects of eutrophication on the distribution of persistent pollutants in aquatic ecosystems.
- Presentation of two papers at IASWS 8th International Conference on Interactions between Sediments and Water in Beijing, China, 13-17 September 1999. 1/ Jonsson, P., Jonsson, J., Meili, M. and Carman, R. Storm influence on sediment deposition rates in the Baltic proper. 2/ Meili, M. and Jonsson, P. Sediment resuspension and focusing in lakes and in the Baltic Sea: experiences from the Chernobyl fallout.
- Invited speaker at the Swedish Science Research Council workshop on The role of particles in the aquatic environment, Sigtuna, 28-29 May 2000.
- Presentation of a paper at IASWS 10th International Conference on Interactions between Sediments and Water in Bled, Slovenia, August 28 - September 2, 2005. Jonsson, P., Olsson, M., Asplund, L., Bignert, A., Eriksson, U., Jensen, S. and Nylund, K.
- Presentation of the evaluation of the environmental goal "No eutrophication" at a NEFCO conference in Copenhagen, 6 October 2005.
- Presentation of the international expert evaluation Eutrophication of Swedish seas at The Royal Swedish Academy of Agriculture and Forestry, Stockholm, 10 January 2006.
- Presentation of the international expert evaluation Eutrophication of Swedish seas at The Royal Swedish Academy of Agriculture and Forestry meeting on "Hur situationen i Sveriges omgivande hav påverkar arbetet mot övergödning", Stockholm, 9 March 2006.
- Invited speaker at the Swedish Environmental Courts education days in Stockholm, April 24-25 2007. Övergödning av Sveriges omgivande hav - Redovisning av expertgruppsrapport samt Naturvårdsverkets ställningstagande.
- Presentation of a paper "Jonsson, P., Klimatets effekter på Östersjöns sedimentförhållanden" vid Klimat- och sårbarhetsutredningens workshop i Stockholm den 26 april 2007.
- Presentation "Jonsson, P., Klimatets effekter på Östersjöns sedimentförhållanden" vid BEVIS-projektets workshop på Åland den 23-25 maj 2007.
- Presentation of a paper at IASWS 10th International Conference on Interactions between Sediments and Water in Esperance, Australia, February 18-22, 2008. Broman, D., Jonsson, P., McLachlan, M., Persson, Y., & Wiberg, K. Why are the PCDD/F Levels in Baltic Fish not Decreasing - "Old Sins" in Sediments?
- Presentation of a paper at Baltic 2012, The 11th Colloquium on Baltic Sea Marine Geology, September 19-21 2012. Jonsson, P., Kohonen, T., Lukkari, K., Karlsson, M., Malmaeus, M., Mattila, J. and Puttonen, I. Old clays - A forgotten source of phosphorus to the Baltic Sea.
- Presentation of a paper at Renare Marks Vårsmöte den 20-21 mars 2013, Malmö. Kruger, A. And Jonsson, P. Målarprojektet - Fördjupning av Västerås Hamn.