

Mats Lindegarth, Professor in Marine Ecology

born April 5, 1965 in Göteborg, Sweden

Civil status: married with two children

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My profiles at [Google Scholar](#) and [researchgate.net](#)

DEGREES

4. Associate Professor (Docent) in Marine Zoology, Göteborg University. 2001-12-12.
3. Ph. D. 'Spatial population structure of bivalves in shallow marine sediments: hydrodynamic effects on recruitment processes' Marine Zoology, Göteborg University. 1996-03-15.
2. Fil Lic. 'Small-scale hydrodynamic effects on settlement behaviour of the infaunal bivalve *Cerastoderma edule*'. Marine Zoology Göteborg University, 1995-01-13.
1. Master of Science in Biology (Marine Biology) at the Göteborg University, 1991-11-19.

RESEARCH AND CONSULTANCY POSITIONS

10. July 2009 – 50% Regional leader and environmental analyst at the “Swedish Institute for the Marine Environment”
9. April 2004 – 50% Environmental analyst at the “Swedish Institute for the Marine Environment”
8. January 2002-. Lectureship at the Department of Marine Ecology, Göteborg University
7. April 2000-2002. Part time (50%) post-doctoral fellow at the Department of Marine Ecology, Göteborg University within the EU-funded project FLOWMART (effects of high-speed boats on marine life).
6. August 1997–March 2000. Post-doctoral fellow at the Centre for Research on Ecological Impacts of Coastal Cities, University of Sydney, Australia.
5. March-May 1997. Consultant in design and analysis in EU-funded of experiment on removal of filamentous green-algae from shallow soft-sediments in Bohuslän.
4. July 1996–July 1997. Part time (75%) post-doctoral fellow at the Department of Marine Botany, Göteborg University within the EU-funded project EUROROCK (rocky shore ecology).
3. January–July 1997. Part time (25%) position at the Marine Research Institute in Lysekil, responsible for modelling and analysis of the experiment of trawling impacts in the Gullmar fjord.
2. April 1996. Consultant in experimental design at the Marine Research Institute, Lysekil, Sweden.
1. July 1992-March 1996. PhD–scholarship at Göteborg University. Financed by Göteborg Marine Research Centre.

PARENTAL LEAVE

2. April 2005 – January 2006. 50% Parental leave

1. March 2002 – March 2003. 50% Parental leave

TEACHING EXPERIENCE

8. 2009-2010. Course responsible and lecturer of at 'Marine environmental monitoring' Göteborg University.
7. 2008-. Organiser and teacher on course in "Marine Environmental Monitoring", Göteborg University
6. 2003. Organiser and teacher of Ph. D. course 'Multivariate analyses of biodiversity'. Invited lecturer Dr. Marti Jane Anderson, Dept. of Statistics, University of Auckland, New Zealand.
5. 2000-2001. Development and teaching of web-based course in 'Experimental design and statistics' Göteborg University
4. 1998-1999. Tutorials for Honours students at the Centre for Research on Ecological Impacts of Coastal Cities, University of Sydney, Australia.
3. 2003-2004. Lecturer at 'Statistics and experimental design for the natural sciences' Göteborg University.
2. 1996-2006. Lecturer at 'Marine population ecology' Göteborg University.
1. 1992-1995. Demonstrator at 'Marine population ecology' Göteborg University.

SUPERVISION

27. Hanna Sallen Lennerthson. 2014. Estimating size-structure of oysters (*Ostrea edulis*): test of a video-based method and application to populations in Kosterhavet National Park
26. Caroline Enebrand. 2013. Havs- och vattenbruksplanering i Sverige - En behovs- och problemanalys av arbetet med miljöbedömning i norra Bohusläns kustkommuner
25. Linnea Mattson-Thorngren. 2012-2016 "Strategic research for the development of sustainable oyster industry on the Swedish west coast". Main supervisor.
24. Per Bergström. 2010-2014 "Evaluating the efficiency of mussel-farming as a method to mitigating eutrophication in coastal areas in the Skagerrak". Main supervisor.
23. Thomas Dunér Holthuis (2013) Project "Musselcatcher" Developing methods for monitoring of larval recruitment in aquaculture. Degree project for Master of Science in Marine Sciences. 45 hec. Department of Biological and Environmental Sciences. University of Gothenburg
22. Tim Spaanheden Dencker (2010) Patterns of α - and β -diversity in epibenthic and mobile megafauna in the Kosterfjord Undergraduate project, 15 ECTS., University of Gothenburg.
21. Emelie Hallberg (2009) Assemblages of mobile fauna in the Koster-area: correlative patterns, predictive modelling, mapping and possible applications in the planning of a marine national park. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
20. Terese Österberg (2008) Sampling deep benthic assemblages from video recording; a optimizing of measurement and statistical power. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
19. Josefine Larsson (2007) Spatial patterns of mobile and sessile marine fauna: consequences of spatial autocorrelation for relationships to physical variables at multiple scales. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.

18. Genoveva Gonzales-Mirelis, (2006-2011). Predictive mapping of benthic assemblages in the Koster Fjord (Sweden) to optimize biodiversity conservation planning
17. Ann Larsson (2001-2006) Hydrodynamic influence on marine sessile invertebrates: The effects on settlement and recruitment in the barnacle, *Balanus imrovisus* with applications for biofouling control. Co-supervision of thesis for Degree of Ph. D., Göteborg University.
16. Johan Hollander (2001-2005) Evolution of reproductive barriers. Co-supervision of thesis for Degree of Ph. D., Göteborg University.
15. Katja Noren (2001-2007) Biodiversity of infauna in shallow soft-sediments. Supervision of thesis for Degree of Ph. D., Göteborg University.
14. Josefin Roth (2005) Statistiska jämförelser mellan BQI och bottensyreförhållanden på den svenska västkusten. Thesis for Degree of Master of Science in Marine Ecology (in Swedish). Göteborg University.
13. Michael G. Siccha Rojas (2004) Measures of diversity: a comparison of spatial patterns in a marine fouling community. Applied course in marine ecology 10p, Marine Ecology. Göteborg University
12. Annika Sundin (2003) Cost-benefit optimisation of strategies for sampling of intertidal bivalves. Applied course in marine ecology 10p, Marine Ecology. Göteborg University.
11. David Yngfors (2003) Testing the usefulness of models predicting abundance and diversity of intertidal bivalves. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
10. Maria Jansson (2003) Habitat availability and patch occupancy of *Zostera marina*. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
9. Per Bergström (2003) Contrasting models to predict abundance and diversity of intertidal bivalves. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
8. Johanna Juselius (2002) Predicting the distribution of shallow benthic habitats in the Tjörnö archipelago using parameters of coastal morphology calculated from nautical charts. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
7. Lars Gamfeldt (2001) Testing relationships between benthic assemblages on rocky shores and wave exposure using different indicators of exposure. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
6. Johan Hollander (2001) Mate choice in *Littorina saxatilis*, an initiation to reproductive isolation in conspecific populations. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.
5. Fransisco Barros (1997-2002) Disturbance and the fauna of sandy beaches. Co-supervision of thesis for Degree of Ph. D. University of Sydney.
4. Eva Gonzalez (1999) Restoration of Mangroves in Sydney Harbour (Port Jackson). Thesis for Graduate Diploma in Science (Environmental). University of Sydney
3. Kelly Small (1999) Stormwater pollutants and assemblages of macrofauna in soft-sediments in bays surrounded by industrial and residential land-use. Thesis for Degree of Bachelor of Science (Hons). University of Sydney
2. Pam Seeto (1998) The ecology of the predatory gastropod, *Polynices sordidus*, in mudflats and sandflats of Middle Harbour, Sydney. Thesis for Degree of Bachelor of Science (Hons). University of Sydney.

1. Sara Svensson (1997) Field distribution, grazing patterns and movements of *Littorina saxatilis* (Olivi) on exposed rocky shores in the Koster archipelago. Thesis for Degree of Master of Science in Marine Ecology. Göteborg University.

OTHER QUALIFICATIONS

2. Projektledarutbildning, 3 day intensive course. Företagsuniversitetet.
 1. University course in pedagogics for staff at the university ("Naturvetenskapligt orienterad högskolepedagogik för doktorander och lärare"), 5 p. at Göteborgs University.

SYMPOSIA AND WORKSHOPS

6. Lindegarth, M. Predictive modelling of biodiversity in shallow marine habitats. OIKOS. Kalmar 7 February 2006.
5. Lindegarth, M. (2003). Oral presentation. Using correlative patterns for prediction of structure and composition of benthic assemblages MARBIPP workshop on biodiversity at TMBL.
4. Participation in 'Workshop on improving understanding, measurement and research strategies for conservation of biodiversity in Australia'. 1998. University of Sydney, Australia.
3. Hansson, M., M. Lindegarth, D. Valentinsson and M. Ulmestrand (1998) Poster. 'Effects of shrimp-trawling on abundance of benthic fauna in a Swedish fjord.' Marine Benthos Symposium: Environmental and Fisheries Impacts. Heraklion, Greece.
2. Lindegarth, M. (1998) Oral presentation. 'Disturbance by trawling changes temporal and spatial structure of benthic soft-sediment assemblages in Gullmarsfjorden, Sweden.' Marine Benthos Symposium: Environmental and Fisheries Impacts. Heraklion, Greece.
1. André, C., M. Lindegarth, P. R. Jonsson and P. Sundberg (1995) Poster. 'RAPD and bivalves: 1. Local recruitment, 2. Identification of larvae.' Molecular approaches to Marine Ecology and Evolution'. Santa Fe, New Mexico, U.S.A.

INVITED SPEAKER

9. Lindegarth, M. Prediktiva modeller: ett viktigt hjälpmedel vid kartering av grunda mjukbottnar. Presentation for regional and local environmental managers at SEPA in Stockholm. 8 December 2005.
8. Lindegarth, M. Limits to prediction of abundances of benthic invertebrates at different spatial and temporal scales. National Institute of Water & Atmospheric Research, Hamilton New Zealand. 10 March 2005
7. Lindegarth, M. Limits to prediction of abundances of benthic invertebrates at different spatial and temporal scales. Leigh Marine Laboratory, University of Auckland, New Zealand. 25 February 2005.
6. Lindegarth, M. Limits to prediction of abundances of benthic invertebrates at different spatial and temporal scales. Centre for research on Ecological Impacts of Coastal Cities, University of Sydney, Australia. 21 December 2004.
5. Lindegarth, M. Experimental trawling and sampling to detect impacts on infauna in a Swedish fjord. Pêches et Océans Canada / Fisheries and Oceans Canada, Institut Maurice-Lamontagne, Mont-Joli, Québec, Canada, 12 February 2004

4. Lindegarth, M. Förutsägelser om biodiversitet: Vad skall man ha dem till? Hur gör man? Presentation for regional and local environmental managers at SEPA in Stockholm. 21 January 2004.
3. Lindegarth, M. Utvärdering och analys av övervakningsprogram för hårdbottnar, Gullmars kontrollprogram och Bohuskustens Vattenvårdsförbund. 18 Septemeber 2003.
2. Lindegarth, M. Samordnad tolkning av övervakningsprogram för bottenfauna i Västerhavet - vad kan vi lära oss av befintliga data?, Kristinebergs Marina Forskningsstation, 15 December 2000.
1. Lindegarth, M. Management as large-scale experiments in aquatic environments: needs and opportunities for ecological research. Invited presentation at national (NFR) workshop on environmental research 26-27/4/2000.

GUEST RESEARCH

4. February 2005 – March 2005. Leigh Marine Laboratory, University of Auckland, New Zealand
3. December 2004 – January 2005. University of Sydney, Sydney, Australia
2. January 2004. Pêches et Océans Canada / Fisheries and Oceans Canada, Institut Maurice-Lamontagne, Mont-Joli, Québec, Canada,
1. July 1993 Dalhousie University, Halifax, Canada.

OTHER RESEARCH RELATED FUNCTIONS

8. Organiser and chairman of scientific committee for the WATERS / DEVOTES / MARS scientific symposium on "[Tools for Assessing Status of European Aquatic Ecosystems](#)" in Malmö 2015.
7. Member of the steering committee for the National research program for the development of indicators for the EU Water Framework Directive (2010-2016).
6. Member of the steering committee (ledningsgruppen) for the "Swedish Institute for the Marine Environment".
5. Responsible for and author (in collaboration with 2 co-authors) of "Executive summary" of the Swedish National Report on the State of the Marine Environment ("HAVET 20XX").
4. Member of the Steering Committee for the Swedish National Report on the State of the Marine Environment ("HAVET 20XX")
3. Member of Technical Committee TK426 ("Biologiska vattenundersökningar") with the Swedish Standardisation Institute.
2. Member of the group of experts for the adaptation of the Swedish Governments aims for the environmental policies ("Hav i balans") within the county of Västra Götaland.
1. Member of the steering committee for the research program MARBIPP funded by the Swedish Environmental Protection Agency

RESEARCH GRANTS AND CONSULTANCY WORK

11. [WATERS: Waterbody Assessment Tools for Ecological Reference conditions and status in Sweden](#). A national programme on the WFD. Coordinator and principal investigator. 2011-2015 . (47 000 kSEK)

10. [Spatial PRediction of benthic HABitats in the Baltic Sea: incorporating anthropogenic pressures and economic evaluation](#) (PREHAB). BONUS ERA-NET project. Coordinator and principal investigator. 2009-2011. (€ 336282.25 GU-part only)
9. Prediktiv modellering av biodiversitet hos djupa marina bottensamhällen. 2007-2009. Amount: 1552 500 SEK
8. Evaluation of statistical power for planned sampling of waste-water in Gothenburg, Sweden. 2004. Amount: 65 000 SEK
7. Effects of new regulations of trawling in Gullmarsfjorden. 2003-2004, Amount: 600 000 SEK
6. Evaluation of alternative strategies for monitoring of Swedish freshwater lakes, 2003 Amount: 118 000 SEK
5. Marine biodiversity: patterns and processes (shallow sediments). Funding from Naturvårdsverket 2002-2005. Amount: 2 400 000 SEK.
4. Utvärdering och analys av övervakningsprogram för hårbottnar, Gullmars kontrollprogram och Bohuskustens vattenvårdsförbund. Funding from the County of Västra Götaland –2002. Amount: 85 000 SEK
3. Fast Low-Wash Maritime transport (FLOWMART) 2000-2003. Funding from EU. Amount: € 98 000 (with Professor Per Jonsson)
2. Integrated farming of grass-shrimps and mussels - an evaluation of the effects on sedimentation of organic material and economic potential. Funding from North Atlantic Shellfish Management (NAM) – 2000. Amount: 100 000 SEK (with FD. Per Nilsson)
1. Development of efficient sampling-strategies for detection of human impacts on assemblages of marine, benthic organisms Funding from Naturvårdsverket 2001 – 2003. Amount: 1 350 000 SEK

EVALUATION

5. 2009 External evaluator of a thesis for PhD at the University of Klaipeda, Lithuania.
4. 2008. Evaluator for docentur at Åbo Akademi University, Finland.
3. 2008 and 2009 Evaluator of grant proposal for the Australian Research Council.
2. Member of evaluation committee at Swedish dissertations for PhD at 8 occasions.
1. I am a member of MEPS (Marine Ecology Progress Series) Review Staff and have been a reviewer for the scientific journals 'Ecological Applications', 'Estuarine, Coastal and Shelf Science', 'Journal of Experimental Marine Biology and Ecology', 'Journal of Sea Research', 'Hydrobiologia', 'Journal of Environmental Management', 'Journal of Aquatic Ecosystem Stress and Recovery', 'Water, Air & Soil Pollution' and 'Austral Ecology', 'Biodiversity and Conservation', 'The Nautilus', 'Limnology & Oceanography', Botanica Marina and Marine Biology.

PUBLICATIONS

a. Scientific Papers

48. Dunér Holthuis, T., Bergström P, Lindegarth M, S Lindegarth. (accepted by J. Shellfish Res.) Monitoring recruitment patterns of mussels and fouling tunicates in mariculture
47. Norling, P., Lindegarth, M., Lindegarth, S. & Strand Å. 2015. *Effects of live and post-mortem shell structures of invasive Pacific oysters and native blue mussels on macrofauna and fish*. Marine Ecology Progress Series 01/2015; 518:123-138.
46. Gonzalez-Mirelis, G. ; Lindegarth, M. ; Sköld, M. (2014). Using Vessel Monitoring System Data to Improve Systematic Conservation Planning of a Multiple-Use Marine Protected

- Area, the Kosterhavet National Park (Sweden). *Ambio*. 43 (2) s. 162-174
45. Lindegarth, M. ; Bergström, U. ; Mattila, J. et al. (2014). Testing the potential for predictive modeling and mapping and extending its use as a tool for evaluating management scenarios and economic valuation in the Baltic Sea (PREHAB). *Ambio*. 43 (1) s. 82-93
 44. Bergström, P., Lindegarth S., Lindegarth. M. 2014. *Temporal consistency of spatial pattern in growth of the mussel, Mytilus edulis: implications for predictive modeling*. Estuarine Coastal and Shelf Science 10/2013
 43. Bergström, U., Sundblad, G., Downie, A.-L., Snickars, M., Boström, C., & Lindegarth, M. 2013. Evaluating eutrophication management scenarios in the Baltic Sea using species distribution modelling. *J. Appl. Ecol.* 50(3): 680-690
 42. Bucas, M., Bergström, U., Downie, A., Sundblad, G., Gullström, M., von Numers, M., Siaulyš, A., & Lindegarth, M. 2013. Empirical modelling of benthic species distribution, abundance, and diversity in the Baltic Sea: evaluating the scope for predictive mapping using different modelling approaches. *ICES J. Mar. Sci.* doi: 10.1093/icesjms/fst036
 41. Snickars, M., Gullström, M., Sundblad, G., Bergström, U., Downie, A.-L., Lindegarth, M., & Mattila, J. 2013. Species-environment relationships and potential for distribution modelling in coastal waters. *Journal of Sea Research*. doi: 10.1016/j.seares.2013.04.008
 40. Svensson, J. R., Jonsson, L., & Lindegarth, M. 2013. Excessive spatial resolution decreases performance of quantitative models, contrary to expectations from error analyses. *Mar. Ecol. Prog. Ser.*, 485: 57-73.
 39. Gonzalez-Mirelis, G., Lindegarth, M., & Sköld, M. 2013. Using Vessel Monitoring System Data to Improve Systematic Conservation Planning of a Multiple-Use Marine Protected Area, the Kosterhavet National Park (Sweden). *Ambio*: 1-13.
 38. Gonzalez-Mirelis, G., & Lindegarth, M. 2012. Predicting the distribution of out-of-reach biotopes with decision trees in a Swedish marine protected area. *Ecol. Appl.*, 22(8): 2248-2264.
 37. Gullström, M., Baden, S., & Lindegarth, M. 2012. Spatial patterns and environmental correlates in leaf-associated epifaunal assemblages of temperate seagrass (*Zostera marina*) meadows. *Mar. Biol.* 159(2): 413-425.
 36. Svensson, J. R., Lindegarth, M., Jonsson, P. R., & Pavia, H. 2012. Disturbance - diversity models: what do they really predict and how are they tested? *Proc. Roy. Soc. B: Biol. Sci.*, 279(1736): 2163-2170.
 35. Gonzalez-Mirelis G., Bergström P and Lindegarth M. (2011) Interaction between classification detail and prediction of community types: Implications for predictive modelling of benthic biotopes. *Mar. Ecol. Prog. Ser.* 432: 31-44, 2011
 34. Fonseca G., Soltwedel T, Vanreusel A, and M. Lindegarth (2010) Variation in nematode assemblages over multiple spatial scales and environmental conditions in Arctic deep seas. *Progress in Oceanography*. 84(3-4): 174-184
 33. Svensson, J. R., Lindegarth M., and H. Pavia (2010) Physical and biological disturbance interacts differently with productivity: divergence in effects on floral and faunal richness. *Ecology*. 91(10): 3069-3080
 32. Nylund G, Persson, F, Lindegarth M, Cervin G, Hermansson M, and H Pavia. (2010). The red alga *Bonnemaisonia asparagoides* regulates epiphytic bacterial abundance and community composition by chemical defence. *FEMS Microbiol Ecol.* 71: 84-93
 31. Gonzalez-Mirelis G., Bergström P, Lundälv T, Jonsson L, and M. Lindegarth. (2009) Mapping the benthos: spatial patterns of seabed-dwelling megafauna in a Swedish Fjord, as derived from opportunistic video data. *Mar. Biodiv.* 39: 291-302

30. Ragnarsson, S. A. and M. Lindegarth. (2009) Testing hypotheses about temporary and persistent effects of otter trawling on infauna: changes in diversity rather than abundance. *Mar. Ecol. Prog. Ser.* 385: 51–64
29. Svensson, J. R., M. Lindegarth, and H. Pavia (2009). Equal rates of disturbance cause different patterns of diversity. *Ecology.* 90(2) 496-505
28. Johannesson, K., J. N. Havenhand, P. R. Jonsson, M. Lindegarth, A. Sundin, and J. Hollander. (2008) Male discrimination of female mucous trails permits assortative mating in a marine snail species (*Evolution* 62-12: 3178–3184)
27. Svensson, J. R., M. Lindegarth, M. Siccha, M. Lenz, M. Molis, M. Wahl, and H. Pavia. (2007). Maximum species richness at intermediate frequencies of disturbance: Consistency among levels of productivity. *Ecology* 88:830-838.
26. Lindegarth, M. and Gamfeldt, L. (2005) Contrasting analyses of qualitative and quantitative ecological models: the effects of ‘exposure’ on rocky shore assemblages. *Ecology.* 86 (5): 1346-1357.
25. Norén, K and Lindegarth, M. (2005) Spatial, temporal and interactive variability of infauna in marine Swedish shallow coastal sediments. *J. Exp. Mar. Biol. Ecol.* 317: 53 - 68
24. Hollander, J., Lindegarth, M., Johannesson, K. (2005) Local adaptation but not geographic separation promotes assortative mating in a snail. *Animal Behaviour.* 70: 1209–1219
23. Cervin, G., Lindegarth, M., Viejo, R., and Åberg, P. (2004) Effects of small-scale disturbances of canopy and grazing on intertidal assemblages on the Swedish west coast. *J. Exp. Mar. Biol. Ecol.* 302: 35-49.
22. Barros F., Underwood, A. J. and Lindegarth, M. (2002) A preliminary analysis of the structure of benthic assemblages of surf-zones on two morphodynamic types of beach. 82(3): 353-357. *J. Mar. Biol. Ass. U.K.*
21. Lindegarth, M and Underwood, A. J. (2002) A manipulative experiment to evaluate predicted changes in intertidal, macro-faunal assemblages after contamination by heavy metals. 274: 41-64. *J. Exp. Mar. Biol. Ecol.*
20. Lindegarth, M, Jonsson, P. R. and André, C. (2002) Physical and numerical modeling of the role of hydrodynamic processes on adult-larval interactions of a suspension-feeding bivalve. 60: 499-516. *J. Mar. Res.*
19. Lindegarth, M. and M. G. Chapman. (2001) Testing hypotheses about management to enhance habitat for feeding birds in a freshwater wetland. *J. Env. Manage.* 62 (4): 375-388.
18. Lindegarth, M. and M. Hoskin. (2001) Patterns of distribution of macro-fauna in different types of estuarine soft sediment habitats adjacent to urban and non-urban areas. *Est. Coast. Shelf Sci.* 52: 237-246
17. Barros, F., Underwood, A. J. and M. Lindegarth. (2001) The influence of rocky reefs on assemblages of benthic macrofauna in nearby soft-sediments. *Est. Coast. Shelf Sci.* 52: 191-199
16. Lindegarth, M., P. Åberg, G. Cervin and P. Nilsson. (2001) Effects of grazing on the structure of mid-shore, intertidal assemblages on moderately exposed rocky shores of the Swedish west coast. *Mar. Ecol. Prog. Ser.* 212: 29-38
15. Lindegarth, M. (2001) Assemblages of animals around urban structures: testing hypotheses of patterns in sediments under boat-mooring pontoons. *Mar. Env. Res.* 51: 289-300

14. Lindegarth, M., D. Valentinsson, M. Hansson and M. Ulmestrand. (2000) Disturbances by trawling changes temporal and spatial structure of benthic soft-sediment assemblages in Gullmarsfjorden, Sweden. *ICES J. Mar. Sci.* 57: 1369-1376
13. Jenkins, S. R., P. Åberg, G. Cervin, R. A. Coleman, J. Delany, P. Della Santina, S. J. Hawkins, E. LaCroix, A. A. Myers, M. Lindegarth, A-M. Power, M. F. Roberts and R. G. Hartnoll. (2000) Spatial and temporal variation in settlement and recruitment of the intertidal barnacle *Semibalanus balanoides* (L.) (Crustacea: Cirripedia) over a European scale. *J. Exp. Mar. Biol. Ecol.* 243: 209-225
12. Hansson, M., M. Lindegarth, D. Valentinsson and M. Ulmestrand (2000) Effects of shrimp-trawling on abundance of benthic macro-fauna in Gullmarsfjorden, Sweden. *Mar. Ecol. Prog. Ser.* 198: 191-201
11. Lindegarth, M., D. Valentinsson, M. Hansson and M. Ulmestrand (2000) Interpreting large-scale experiments on effects of trawling on benthic fauna: an empirical test of the potential effects of spatial confounding in experiments without replicated control and trawled areas. *J. Exp. Mar. Biol. Ecol.* 245: 155-169
10. Lindegarth, M. and A. J. Underwood (1999) Testing the utility of a method for manipulative experiments on effects of contaminants on assemblages of animals in intertidal sediments. *Ecotoxicology* 8:495-501
9. Viejo, R., P. Åberg, G. Cervin and M. Lindegarth. (1999) The interactive effects of adult canopy, germling density and grazing on germling survival of the rockweed *Ascophyllum nodosum*. *Mar. Ecol. Prog. Ser.* 187:113-120
8. André, C., M. Lindegarth, P. R. Jonsson and P. Sundberg. (1999) Species identification of bivalve larvae using random amplified polymorphic DNA (RAPD): differentiation between *Cerastoderma edule* and *C. lamarcki*. *J. Mar. Biol. Ass. U.K.* 79, 563-565
7. Lindegarth, M., C. André, P. R. Jonsson and P. Sundberg (1995) Use of random amplified polymorphic DNA (RAPD) for species identification of larvae and quantification of genetic variability to analyse dispersal patterns in two congeneric bivalve species. *J. Cell. Biochem.* (1995) Suppl. 19B p. 340
6. Roegner, C., C. André, M. Lindegarth, J. E. Eckman and J. Grant. (1995) Transport of recently settled soft-shell clams (*Mya arenaria* L.) in a laboratory flume flow. *J. Exp. Mar. Biol. Ecol.* 187: 13-26
5. Lindegarth, M. C. André and P. Jonsson. (1995) Analysis of spatial variability in abundance and age structure of two infaunal bivalves, *Cerastoderma edule* (Linnaeus 1785) and *C. lamarcki* (Reeve 1845), using a hierarchical sampling program. *Mar. Ecol. Prog. Ser.* 116: 85-97
4. André C. and M. Lindegarth. (1995) Fertilization efficiency and gamete viability of a free-spawning bivalve, *Cerastoderma edule*. *Ophelia* 43 (3): 215-227
3. André, C., P. R. Jonsson and M. Lindegarth (1993). Predation on settling larvae by benthic suspension feeders: the rôle of hydrodynamics and larval behaviour. Vol. 97, pp.183-192, *Mar. Ecol. Prog. Ser.*
2. Jonsson, P. R., C. André and M. Lindegarth. (1991) Swimming behaviour of marine bivalve larvae in a flume boundary-layer flow: evidence for near-bottom confinement. Vol. 79, pp. 67-76, *Mar. Ecol. Prog. Ser.*
1. Lindegarth, M., P. R. Jonsson and C. André. (1991) Fluorescent microparticles: a new way of visualizing sedimentation and larval settlement. Vol. 36, pp. 1471-1476, *Limnol. Oceanogr.*

b. Book sections

2. Gonzalez-Mirelis G., Lundälv T., Jonsson L., Bergström P., Sköld M., Lindegarth M. (2012) Seabed Mapping and Marine Spatial Planning: A Case Study from a Swedish Marine Protected Area. ISBN: 978-953-51-0176-5 In: "Marine Ecosystems" 177-198.
1. Lindegarth, M. (2007) Wave exposure. In 'Encyclopedia of Tidepools'. Denny, M. W. and Gaines, S. D. (eds) University of California Press, Berkeley, USA.

c. Reports and popular papers

26. Lindegarth, M. ; Dunér Holthuis, T. ; Mattsson-Thorningren, L. et al. (2014). Ostron (*Ostrea edulis*) i Kosterhavets nationalpark: kvantitativa skattningar och modellering av förekomst och totalt antal.
25. Sundblad, G., Gundersen, H., Gitmark, J. K., Isaeus, M., Lindegarth, M. (2013). Video or dive? Methods for integrated monitoring and mapping of marine habitats in the Hvaler-Koster area. AquaBiota Report 2013:04. 44 pp.
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