

University of Groningen

Soft-bottom intertidal ecosystems shaped by ecosystem engineers

van der Zee, Elsbeth Merith

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2014

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

van der Zee, E. M. (2014). *Soft-bottom intertidal ecosystems shaped by ecosystem engineers: Consequences for trophic structure*. [Thesis fully internal (DIV), University of Groningen]. s.n.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

List of publications

Peer reviewed publications

- Donadi, S., Westra, J., Weerman, E.J., van der Heide, T., **van der Zee, E.M.**, van de Koppel, J., Olf, H., Piersma, T., van der Veer H.W. & Eriksson, B.K. (2013). Non-trophic interactions control benthic producers on intertidal flats. *Ecosystems* 16: 1325-1335.
- Donadi, S., van der Heide, T., **van der Zee, E.M.**, Eklöf, J.S., van de Koppel, J., Weerman, E.J., Piersma, T., Olf, H. & Eriksson, B.K. (2013) Cross-habitat interactions among bivalve species control community structure on intertidal flats. *Ecology* 94: 489-498.
- Van der Heide, T., Eklöf, J.S., van Nes, E.H., **van der Zee, E.M.**, Donadi, S., Weerman, E.J., Olf, H. & Eriksson, B.K. (2012). Ecosystem engineering by seagrasses interacts with grazing to shape an intertidal landscape. *Plos One* 7: e42060.
- Van der Zee, E.M.**, van der Heide, T., Donadi, S., Eklöf, J.S., Eriksson, B.K., Olf, H., van der Veer, H.W. & Piersma, T. (2012). Spatially extended habitat modification by intertidal reef-building bivalves has implications for consumer-resource interactions. *Ecosystems* 15: 664–673.
- Eklöf, J.S., van der Heide, T., Donadi, S., **van der Zee, E.M.**, O’Hara, B. & Eriksson, B.K. (2011). Habitat-mediated facilitation and counteracting ecosystem engineering interactively influence ecosystem responses to disturbance. *Plos One* 6: e23229.
- Van der Heide, T., **van der Zee, E.M.**, Donadi, S., Eklöf, J.S., Eriksson, B.K., Piersma, T., Olf, H., van der Heide, W. (2011). A simple and low-cost method to estimate spatial positions of shorebirds: the Telescope-Mounted Angulator. *Journal of Field Ornithology* 82: 80-87.
- Dingemanse, N.J., van der Plas, F., Wright, J., Réale, D., Schrama, M., Roff, D.A., **van der Zee, E.M.** & Barber, I. (2009). Individual experience and evolutionary history of predation affect the expression of heritable variation in fish personality and morphology in Stickleback. *Proceedings of the Royal Society Biological Sciences* 276: 1285-1293.
- Lengkeek, W., Didderen, K., Côté, I.M., **van der Zee, E.M.**, Snoek, R.C. & Reynolds, J.D. (2008). Plasticity in sexual size dimorphism and Rensch’s rule in fish. *Canadian Journal of Zoology* 86: 1173-1178.
- Dijkstra, P.D., **van der Zee, E.M.** & Groothuis, A.G.G. (2008). Territory quality affects female preference in a Lake Victoria cichlid fish. *Behavioral Ecology and Sociobiology* 62: 747-755.

Manuscripts in review

- Van der Heide, T., Tielens, E., **van der Zee, E.M.**, Weerman, E.J., Holthuijsen, S., Eriksson, B.K., Piersma, T., van de Koppel, J. & Olf, H. Predation and habitat modification interact to control bivalve recruitment on intertidal mudflats. *Biological Conservation*.
- Van der Zee, E.M.**, de Fouw, J., van Gils, J.A., Eriksson, B.K., Weerman, E.J., Donadi, S., van der Veer, H.W., Olf, H., Piersma, T. & van der Heide, T. Caught in the middle: How predation, competition and ecosystem engineering interactively structure an intertidal bivalve population. *Oikos*.
- Donadi, S., **van der Zee, E.M.**, van der Heide, T., Weerman, E. J., Piersma, T., van de Koppel, J., Olf, H., Bartelds, M., van Gerwen, I & Eriksson, B.K. The bivalve loop: the role of positive feedbacks for recovery of exploited populations. *Limnology and Oceanography*.
- Eklöf, J.S., Donadi, S., van der Heide, T., **van der Zee, E.M.** & Eriksson, B.K. Using traits to understand contrasting effects of ecosystem engineers on associated-communities. *Oikos*.

Media

Weblog Zeeinzicht.nl:

Tropische zusje van de Wadden Sea

<http://www.zeeinzicht.nl/nieuws2/?p=628>

Mega-kokkelverhuizing

<http://www.zeeinzicht.nl/php/?target=nieuwsblogs&link=20100714>

Natuurbericht.nl - Belang mosselbanken in de Waddenzee veel groter dan vermoed

<http://www.natuurbericht.nl/?id=8144>

Vroege Vogels TV - Goede mosselpoep

http://vroegevogels.vara.nl/Fragment.202.0.html?tx_ttnews%5Btt_news%5D=360622