

## Publications Building with Nature I programme 2008-2012

### Peer-reviewed Journals

- Balke T**, Herman PMJ, Bouma TJ (submitted) State shifts in disturbance-driven ecosystems: the importance of Windows of Opportunity.
- Balke T**, Bouma TJ, Herman PMJ, Horstman E, Sudtongkong C and Webb EL (2013) Cross-shore gradients of physical disturbance in mangroves: Implications for seedling establishment. *Biogeoscience Discussion* DOI:10.5194/bgd-10-5361-2013.
- Balke T**, Webb EL., van den Elzen E, Galli D, Herman PMJ, Bouma TJ (2013) Seedling establishment in a dynamic sedimentary environment: A conceptual framework using mangroves. *Journal of Applied Ecology* 50.
- Balke T**, Bouma TJ, Horstman EM, Webb EL, Erftemeijer PLA, Herman PMJ (2011) Windows of opportunity: thresholds to mangrove seedling establishment on tidal flats. *Marine Ecology Progress Series* 440, Feature Article.
- Balke T**, Swales A, Lovelock CE, Herman PMJ, Bouma TJ: (in prep) Modelling the effects of stochastic physical disturbance on mangrove-seedling establishment along an elevation gradient.
- Borsje, B.W.**, Cronin, K., Holzhauer, H., De Mesel, I., Ysebaert, T., Hibma, A., 2012. Biogeomorphological interactions on a nourished tidal flat: lessons learned on building with nature. *Aqua et Terra* 126, 1-10.
- Borsje, B.W.**, van Wesenbeeck, B., Dekker, F., Paalvast, P., Bouma, T.J., de Vries, M.B., 2011. How ecological engineering can serve in coastal protection &#8211; a review. *Ecological Engineering* 37, 113-122. doi: 10.1016/j.ecoleng.2010.11.027.
- Cozzoli, F.**, Bouma, T. J., Ysebaert, T., and Herman, P. (2013). An application of non-linear quantile regression to macrozoobenthic species distribution modelling: comparing two contrasting basin. *Marine Ecology Progress Series*, 475:119–133.
- Cozzoli, F.**, Eelkema, M., Bouma, T. J., Ysebaert, T., and Herman, P. A mixed modeling approach to predict the effect of coastal modification on species distributions (probably 2013).
- Cozzoli, F.**, Smolders, S., Eelkema, M., Bouma, T. J., Ysebaert, T., and Herman, P. Anthropocene in estuaries: effects on benthic species distributions (probably 2013).
- Cozzoli, F.**, Bouma, T. J., Ysebaert, T., and Herman, P. Body size relationships in Ecosystem Engineering of sediment dynamics (probably 2013).
- De Jong, M.F.**, Baptist, M.J., Lindeboom, H. Hoekstra P. (2013) Environmental influences on the spatial distribution of macrozoobenthos in the Dutch coastal zone, *submitted and under review*, *Marine Ecology and Progress Series (MEPS)*.
- De Jong, M.F.**, Baptist, M.J., Lindeboom, H. Hoekstra P., Demersal fish abundance and assemblage during and after large-scale and deep sand extraction, in preparation, considered for *Marine Ecology and Progress Series (MEPS)*.
- De Lucas, M A**; Bakker, M; van Kessel T; Cozzoli, F; Winterwerp J C (2013) Erodibility of soft fresh-water sediments in Markermeer: the role of bioturbation by meiobenthic fauna. Submitted to *Ocean dynamics*: under review of last minor changes.
- De Lucas, M A**; Winterwerp J C (probably 2013). Flocculation of bed sediments and water column biota from a physics perspective. Under preparation. To be submitted to *Ocean Dynamics* somewhere this summer.

- De Lucas, M A**; Noordhuis R; Winterwerp J C (beginning 2014). Lake Markermeer: a system description. Interactions between ecology and sediment dynamics. To be submitted to Ocean Dynamics somewhere at the end of the current year.
- De Vriend, H.J.**, S.G. Aarninkhof & M. van Koningsveld (2013). Building with nature in hydraulic engineering. Accepted for publication in Civil Engineering.
- De Vriend, H.J.** (2013) Bouwen met de natuur: meer dan woorden. Accepted for publication in Landschap.
- De Vriend, H. J.**; Van Koningsveld, M. & Aarninkhof, S. G. J. Building with Nature: Sustainable Hydraulic Engineering Civil Engineering, Accepted for publication.
- De Vries, S.**, Hill, D., de Schipper, M., Stive, M., 2011. Remote sensing of surf zone waves using stereo imaging. Coastal Engineering 58 (3), 239 – 250.
- De Vries, S.**, Southgate, H., Kanning, W., Ranasinghe, R., 2012. Dune behavior and aeolian transport on decadal timescales. Coastal Engineering 67 (0), 41 – 53.
- De Vries, S.**, van Thiel de Vries, J., van Rijn, L., Arens, B., Ranasinghe, R., Submitted to Aeolian Research. A numerical implementation of aeolian sediment transport in supply limited situations.
- De Vries, S.**, Arens, S., de Schipper, M., In preparation. Field measurement of Aeolian sediment transport in supply limited situations.
- De Wit, L.** and van Rhee, C. (subm). Testing an improved artificial viscosity advection scheme to minimise wiggles in large eddy simulation of buoyant jet in crossflow. Flow, Turbulence and Combustion.
- De Wit, L.**, van Rhee, C., and Keetels, G. (subm). Turbulent interaction of a buoyant jet with crossflow. J. Hydraulic Engineering.
- Elkema, M.**, Zheng B. Wang, and Marcel J.F. Stive, Impact of back-barrier dams to the development of the ebb-tidal delta of Eastern Scheldt, Journal of Coastal Research, 28(6), 1591–1605, DOI: 10.2112/JCOASTRES-D-11-00003.1.
- Elkema, M.**, Zheng B. Wang Anneke Hibma, and Marcel J.F. Stive, Morphological effects of the Eastern Scheldt Storm Surge Barrier on the ebb-tidal delta, Accepted by Coastal Engineering.
- Egbers L.**, Herriot M., Todd, P., Nagelkerken, I., Klok, C. Changes in acquisition and use of energy in the coral *Goniopora lobata* resulting from chronic sediment stress using a novel experimental approach of repetitive sediment dumping. (manuscript for peer reviewed paper in prep).
- Erfemeijer, P.L.A.**, M. Hagedorn, M. Laterveer, J. Craggs and J.R. Guest, 2012. Effect of suspended sediment on fertilisation success of the Scleractinian coral *Pectinia lactuca*. Journal of the Marine Biological Association of the United Kingdom 92: 741-745.
- Erfemeijer, P.L.A.**, B. Riegl B.W. Hoeksema and P.A. Todd, 2012. Environmental impacts of dredging and other sediment disturbances on corals: a review. Marine Pollution Bulletin 64: 1737–1765.
- Friess DA**, Krauss K, Horstman E, Balke T, Bouma T, Galli D and Webb EL (2012) Are all intertidal wetlands created equal? Bottlenecks, thresholds and knowledge gaps to saltmarsh and mangrove ecosystems. Biological Reviews 87.
- Gillis, LG.**, Bouma, T.J., Jones, C.G., van. Katwijk, M.M., Nagelkerken, I., Jeuken, C.J.L., Herman, P.M.J. and Ziegler, A.D. Potential for landscape-scale reciprocal facilitation among tropical marine ecosystems: A review. Submitted 2013.
- Gillis, LG.**, Bouma, T.J., Kiswara, W., Ziegler, A.D. and Herman, P.M.J. Leaf transport in mimic mangrove forests and seagrass beds. Submitted 2013.

- Gillis, LG.,** Ziegler, AD., Cathalot, C., Herman, PMJ. and Bouma, TJ. Toward understanding the roles of mangrove and seagrass particulate matter as a nitrogen source in tropical coastal ecosystems. In preparation for submission 2013.
- Gillis, LG.,** Ziegler, AD., van Oevelan, D., Cathalot, C., Herman, PMJ. and Bouma, TJ. Tiny is mighty: Seagrass plant influence on fluxes of organic matter in the tropical seascape. In preparation for submission 2013.
- Hughes, T. P.,** C. Linares, V. Dakos, I. A. van de Leemput, and E. H. van Nes (2012). Living dangerously on borrowed time during slow, unrecognized regime shifts. *Trends in Ecology & Evolution* 28:149–155.
- Horstman, E.M.,** C.M. Dohmen-Janssen & S.J.M.H. Hulscher (subm). Flow-routing in mangrove forests; field data obtained in Trang, Thailand. *Continental Shelf Research*.
- Horstman, E.M.,** C.M. Dohmen-Janssen, T.J. Bouma & S.J.M.H. Hulscher (in prep). Flow routing and sedimentation in mangrove forests; combining field data and numerical modelling.
- Janssen, S.K.H. (2010).** The role of knowledge in building with nature projects. Exploring strategies for overcoming challenges of knowledge integration and uncertainty in decision making. Scaling and governance conference 11-12 November 2010, Wageningen, The Netherlands.
- Janssen, S.K.H. (2011).** Handling the knowledge challenge in building with nature projects. Lessons from the pilot sand engine Delfland. *CEDA Dredging Days 2011*, Rotterdam, the Netherlands.
- Janssen, S.K.H. (2012).** The role of knowledge in realising multifunctional infrastructure development. Insights from the Dutch case study Future Afsluitdijk. NIG work conference, 29 November 2012, Leuven, Belgium.
- Janssen, S.K.H.,** J. P.M. van Tatenhove, H.S. Otter, A.P.J. Mol (2013). Integrating multiple functions in coastal zones through knowledge arrangements: The Dutch Pilot Sand Engine case. To be submitted June 2013 to *Journal of environmental policy and planning*.
- Janssen, S.K.H.,** A.P.J. Mol, J.P.M. van Tatenhove, H.S. Otter (2013). The Role of Knowledge in Greening Flood Protection. Lessons from the Dutch Case Study Future Afsluitdijk. To be submitted June 2013 to *Ocean and Coastal Management*.
- Johansson, C. L.,** I. A. van de Leemput, M. Depczynski, A. S. Hoey, and D. R. Bellwood. 2013. Key herbivores reveal limited functional redundancy on inshore coral reefs. *Coral Reefs*, available online. Doi: 10.1007/s00338-013-1044-y.
- Korbee, D.** and Van Tatenhove, J.P.M. (accepted for publication). Environmental governance for marine infrastructure: Enabling and constraining conditions for Ecodynamic development and design. *Journal of Environmental Policy & Planning*
- Korbee, D.,** Mol, A.P.J. and Van Tatenhove, J.P.M. Building with Nature in marine infrastructure: towards an innovative project arrangement in the Melbourne Channel Deepening Project. 'Submitted to the journal of Coastal Management'.
- Lai, S.,** Gillis, LG., Mueller, C., Bouma, TJ., Guest, JR., Last, KS., Alan Zeigler, A, and Todd, PA. Do corals eat their veggies? First experimental evidence of corals feeding on seagrass matter. Submitted 2013.
- Lee, A. C.** and Sin, T. M. Temporal variation in turbidity as a proxy for suspended sediment concentration in the Singapore Straits. (in prep).
- Lee, A. C.** and Sin, T. M. Tidally influenced patterns of turbidity of nearshore coastal waters in Singapore. (in prep).

- Lui, G.C.Y.**, W. Setiawan, P.A. Todd and P.L.A. Erftemeijer, 2012. Among-genotype variation for sediment rejection in the reef-building coral *Diploastrea heliopora*. *Raffles Bulletin of Zoology* 60(2): 529–535.
- Lulofs, K.**, Smit, M. en Vikolainen, V. (2011) Innovatie op de grens van Land en Water: Bouwen met de Natuur. *Water Governance* 1 (2), 36-43.
- Mei Lin Neo**, Paul L. A. Erftemeijer, Jan K. L. van Beek, Dirk S. van Maren, Serena L-M. Teo, Peter A. Todd. Recruitment constraints in Singapore’s fluted giant clam (*Tridacna squamosa*) population—A dispersal model approach. Experimental Marine Ecology Laboratory, Department of Biological Sciences, National University of Singapore, Singapore, Singapore.
- Neo, M.L.**, P. L. A. Erftemeijer, J. K. L. van Beek, D. S. van Maren, S. L.-M. Te, P. A. Todd (2013). Recruitment Constraints in Singapore’s Fluted Giant Clam (*Tridacna squamosa*) Populations – A Dispersal Model Approach. *PLoS ONE* 8(3): e58819. doi:10.1371/journal.pone.0058819.
- Scheffer, M.**, S. R. Carpenter, T. M. Lenton, J. Bascompte, W. Brock, V. Dakos, J. van de Koppel, I.A. van de Leemput et al. (2012). Anticipating critical transitions. *Science* 338:344–348
- Sin, T. M.**, Ong, J. J. L. and Yeo, W. Y. S. Coral mucus as an indicator of sediment stress. (in prep)
- Stive, M.J.F.**, De Schipper, M.A., Luijendijk, A.P., Ranasinghe, R., Aarninkhof, S.G.J., Van Gelder-Maas, C., Van Thiel de Vries, J.S.M., De Vries, S., Henriquez, M. And Marx, S. (2013). A promising alternative to saving our beaches from sea level rise: The Sand Engine. Accepted for publication in *Jnl. Of Coastal Research*.
- Tanzil JTI**, Quax R, Kaandorp JA, Sloot PMA. Reduced skeletal density in massive *Porites* corals: a possible critical early warning? (In prep.)
- Tanzil JTI**, Lee JN, Brown BE, Dunne RP. Luminescence and density banding patterns of massive *Porites* corals around the Thai-Malay Peninsula. (In prep.) (Jani note: ready to submit to *Coral Reefs* in the next week or so)
- Tanzil JTI**, Brown BE, Dunne RP, Lee JN, Kaandorp JA, Todd PA (2013) Regional decline in growth rates of massive *Porites* corals in Southeast Asia. *Global Change Biology* (In Press)
- Tanzil JTI (2012)** Bleaching susceptibility and growth characteristics of *Porites lutea* from the Andaman Sea, south Thailand. *PMBC Research Bulletin* 71: 49–56
- Temmerman, S.**, P. Meire, T. Bouma, P. Herman & H.J. de Vriend (2013). Ecosystem-based coastal defence in face of global change. Submitted for publication.
- Van de Leemput, I.A.**, E.H. van Nes and M. Scheffer (2013) Resilience of alternative stable states in spatially extended ecosystems. Submitted to *Philosophical Transactions of the Royal Society B*.
- Van den Hoek, R.E.**, Brugnach, M. and Hoekstra, A.Y. (2012). Shifting to ecological engineering in flood management: introducing new uncertainties in the development of a Building with Nature pilot project. *Environmental Science and Policy* 22 (1), 85-99
- Van den Hoek, R.E.**, Brugnach, M., Mulder, J.P.M. and Hoekstra, A.Y. (2013). Uncovering the origin of ambiguity in nature-inclusive flood infrastructure projects. submitted to *Ecology and Society* Ter info: reviews zijn binnen en erg goed. Een aangepaste versie van het manuscript wordt binnenkort naar het journal gestuurd.
- Van den Hoek, R.E.**, Brugnach, M., Mulder, J.P.M. and Hoekstra, A.Y. (2013). Dynamic adaptive uncertainty management: dealing with uncertainty networks in flood defence projects. submitted to *Global Environmental Change*. Ter info: manuscript is op dit moment een aantal weken in de review.
- Van der Stocken T**, De Ryck DJR, Balke T, Bouma TJ, Dahdouh-Guebas F and Koedam N (2013) The role of wind in hydrochorous mangrove propagule dispersal. *Biogosciences* 10.

- Van Maren, D. S.** and Gerritsen, H. (2012). Residual flow and tidal asymmetry in the Singapore Strait, with implications for resuspension and residual transport of sediment. *Journal of geophysical research*, vol. 117, c04021, doi:10.1029/2011jc007615, 2012
- Van Maren, D. S.**, S.C. Liew, G.M. Hasan. The role of terrestrial sediment on turbidity near Singapore's coral reefs. Submitted to *Continental Shelf Research*.
- Van Slobbe, E.**, de Vriend, H. J., Aarninkhof, S., Lulofs K. De Vries M. Dircke P. (2013). Building with Nature: in search of resilient storm surge protection strategies. *Natural Hazards*. 65:947–966. DOI: 10.1007/s11069-012-0342-y.
- Van Wesenbeeck, B.K.**, M. van der Meulen, C. Pesch, H.J. de Vriend & M.B. de Vries (2013). Basic design rules for integration of ecosystems in coastal protection strategies
- Van Wesenbeeck, B.K.**, J.P.M. Mulder, D. Reed, M.B. de Vries, H.J. de Vriend & P. Herman (2013) Damming estuaries: a practice of the past?
- Van Zuidam B.G.**, M.M. Cazemier, G.J. van Geest, R.M.M. Roijackers, E.T.H.M. Peeters (2013). Effects of burial depth and burial material on the emergence of three submerged macrophytes. Submitted to *Aquatic Botany*.
- Van Zuidam, B.G.**, E.T.H.M. Peeters (2013) Sediment resuspension limiting the establishment of two submerged macrophytes. In preparation, not submitted.
- Vijverberg, T.**, Aarninkhof, S.G.J., Winterwerp, J.C. and Drost, H. (2011). Fine sediment dynamics in a shallow lake and implication for design of hydraulic works. *Ocean Dynamics: Volume 61, Issue 2* (2011), Page 187.
- Vikolainen, V.**, Bressers, J.T.A. and Lulofs, K. (2013) A shift towards Building with Nature in dredging and port development industry: managerial implications for projects in or near Natura 2000 areas. Submitted to *Environmental Management*
- Vikolainen, V.**, Bressers, J.T.A. and Lulofs, K. (2012) The role of Natura 2000 and project design in implementing flood defence projects in the Scheldt estuary. *Journal of Environmental Planning and Management*, DOI:10.1080/09640568.2012.724014
- Vikolainen, V.**, Bressers, J.T.A. and Lulofs, K. (2012) Implementing EU Natura 2000 at the project level: lessons from the Veluwe Border lakes in the Netherlands. *Public Administration* 90 (4), 1016-1031
- Vikolainen, V.**, Bressers, J.T.A. and Lulofs, K. (2011) Management aspects of Building with Nature projects in the context of EU Bird and Habitat Directives. *Environmental Engineering and Management Journal* 10 (11), 1675-1686
- Volp, N.D.**, Prooijen van, B.C., Stelling, G.S. (Submitted 2012) A finite volume approach for shallow water flow accounting for high resolution bathymetry and roughness data. *Water Resources Research*, DOI: 10.1002/wrcr.20324. (accepted for publication in 2013).
- Wichers, M.**, I. A. Van De Leemput, A. O. J. Cramer, D. Borsboom, F. Tuerlinckx, P. Kuppens, E. H. van Nes, et al. (2013) Critical slowing down as early warning for the onset and termination of depression. Submitted to *PNAS*.
- Winter, G.**, A.R. van Dongeren, M.A. de Schipper, J.S.M., van Thiel de Vries (2013). Rip Currents on a Shelf Sea coast with Obliquely Incident Wind Waves and Tidal Longshore Currents. In preparation for *Coastal Engineering*.
- Witbaard, R.**, Van der Hout, C.M., Duineveld, G., Groot, L., Rozemeijer, M. and Bergman, M. (2013). Variability of near-bed suspended particulate matter composition at different timescales at a near shore location off Egmond, The Netherlands. *Geomarine Letters*, submitted.

**Wolters, J-W.**, Gillis, LG., Bouma, TJ., van. Katwijk, MM. and Ziegler, AD. Land use effects on mangrove nutrient status and the importance of indicator selection: a case study in Phang Nga Bay, southern Thailand. In preparation for submission 2013.

#### Conference proceedings

**Aarninkhof, S.G.J.**, Allewijn, R., Kleij, H., Stive, M.J.F. and Baptist, M.J. (2012). Sustainable development of land reclamations and shorelines. Full-scale experiments as a driver for public-private innovations. Dredging Days (2012), Abu Dhabi (UAE)

**Aarninkhof, S.G.J.** and Luijendijk, A.L. (2010). Safe disposal of dredged material in a an environmentally sensitive environment. Port Technology International, PT47-14\_3

**Aarninkhof, S.G.J.**, Spearman, J.R., De Heer, A.F.M. and Van Koningsveld, M. (2010). Dredging induced turbidity in a natural context. Status and future perspective of the TASS program. WODCON 2010, Beijing (China)

**Aarninkhof, S.G.J.**, Van Dalssen, J.A. and Mulder, J.P.M., Rijks D.C.(2010). Sustainable development of nourished coastlines. Innovations in project design and realisation. Accepted for publication at PIANC conference 2010, Liverpool

**Aarninkhof, S.G.J.** and Luijendijk, A.L. (2009). Safe disposal of dredged material in a sensitive environment. Operational Planning of dredging activities based on innovative plume predictions. In: Proc. of Dredging Days 2009, Rotterdam, The Netherlands

**Balke et.al.**, 8th IAG International Conference on Geomorphology (accepted for oral presentation), 2013

**Balke et al.** 32nd International Geographical Congress in Cologne, Germany, 2012

**Balke et al.** 3rd Meeting on Mangrove ecology, functioning and Management (MMM3), Galle, Sri Lanka, 2012

**Balke et al.** 21st Biennial Conference of the Coastal and Estuarine Research Federation in Daytona Beach, Florida, 2011

**De Boer, G. J.**; Baart, F.; Bruens, A.; Damsma, T.; van Geer, P.; Grasmeyer, B.; den Heijer, K. & van Koningsveld, M. Kranenburg, W. M.; Horstman, E. M. & Wijnberg, K. M. (Eds.) OpenEarth: using Google Earth as outreach for NCK's data NCK-days 2012 : Crossing borders in coastal research : jubilee conference proceedings, 2012, 97-103.

**De Block, D.** (2012) Pilot projects in ecosystem-based adaptation, in 19th Annual Conference on Multi-Organisational Partnerships, Alliances and Networks, Wageningen University.

**De Schipper M.A.**, R. Ranasinghe, A.J.H.M. Reniers and M.J.F. Stive. Proceedings of the International Conference on Coastal Engineering, Shanghai 2010

**De Schipper M.A.**, R.C. de Zeeuw, S. de Vries, J.Terwindt and M.J.F. Stive. Proceedings of the Current, Wave and Turbulence Measurement workshop, Monterey 2011

**De Schipper, MA**; Vries, S.; Ranasinghe, R.; Reniers, A.; Stive, MJF; ,NCK 2012, Morphological developments after a beach and shoreface nourishment at Vlugtenburg beach.

**De Schipper M.A.**, Reniers, A.. J.H. Macmahan. R. Ranasinghe and M.J.F. Stive. Proceedings of the International Conference on Coastal Engineering, Santander 2012 Vortical VLF motions under shore-normal incident waves

**De Vriend, H.J.** (2010). Building with nature: sustainable development in times of climate change. Proc. 4th Yangtze Forum, Sub-forum on Climate Change and Wate Resources, Nanjing, China

**De Vriend, H.J.** (2011). Biogeomorphology: why? Proc. RCEM2011-symposium, Beijing, China

- De Vriend, H.J.** and Wesselink, A. (2009). Building with Nature: ecodynamic design in practice. In: Proceedings 2nd German Env. Soc. Summit "Reshaping nature: old limits and new possibilities", Leipzig, Germany
- De Vriend, H.J.** (2013). Building with nature: towards sustainable hydraulic engineering. Accepted for publication in Proceedings 35th IAHR Congress, Chengdu, China.
- De Vries, M.B.**, Borsje B.W., 2008. Organisms influence fine sediment dynamics on basin scale. In: Souza, A.J. (Eds). PECS, Liverpool, England, pp. 103-106.
- De Vries, M.B.**, Borsje, B.W., 2007. Species response to climate change could affect the fate of fine sediment in the Wadden Sea. In: Dohmen-Janssen, C.M., Hulscher, S.J.M.H. (Eds). Proceedings of the fifth IAHR Symposium on River, Coastal and Estuarine Morphodynamics (RCEM), Enschede., The Netherlands, pp. 299-305.
- De Vries, S.**, Arens, B., Stive, M., Ranasinghe, R., 2011a. Dune growth trends and the effect of beach width on annual timescales. In: Coastal Sediments 2011. pp. 712–724.
- De Vries, S.**, Arens, S., Stive, M., Ranasinghe, R., 2012. A new modelling concept for aeolian sediment transport on beaches. In: EGU General Assembly Conference Abstracts. Vol. 14. p. 214.
- De Vries, S.**, de Schipper, M., Stive, M., Ranasinghe, R., 2011b. Sediment exchange between the sub-aqueous and sub-aerial coastal zones. Proceedings of the International Conference on Coastal Engineering 1 (32).
- De Vries, S.**, Hill, D., de Schipper, M., Stive, M., 2009. Using stereo photogrammetry to measure coastal waves. Journal of Coastal Research SI 56, 1484–1488.
- De Vries, S.**, Southgate, H., Kanning, W., Ranasinghe, R., 2012. Dune development and aeolian transport along the holland coast. In: NCK-days 2012: Crossing borders in coastal research : jubilee conference proceedings. pp. 125–129.
- De Vries, S.**, Stive, M., van Rijn, L., Ranasinghe, R., 2012. A new conceptual model for aeolian transport rates on beaches. In: Proceedings of the International Conference on Coastal Engineering. 110
- De Vries S.**, M.A. de Schipper, M.J.F. Stive and R. Ranasinghe. Proceedings of the International Conference on Coastal Engineering, 2010. Sediment exchange between the sub-aqueous and sub-aerial coastal zones
- De Vries S.**, D.F. Hill, M.A. de Schipper, M.J.F. Stive, Coastal Engineering, Volume 58, Issue 3, March 2011, Pages 239-250, Remote sensing of surf zone waves using stereo imaging.
- De Wit, L.** (2010), Near field 3D CFD modelling of overflow plumes. Proceedings of the 19th World Dredging Conference (WODCON XIX), Beijing (China)
- De Wit, L.** and C. van Rhee (2012). Testing different advection schemes for coarse high Re LES simulations of jet in crossflow and coflow. Proceedings of ETMM9, Thessaloniki (Greece)
- De Wit, L.** and C. Van Rhee (2013), Detailed full scale simulations of near field overflow plume mixing, Proceedings of the 20th World Dredging Conference (WODCON XX), Brussels (Belgium)
- De Zeeuw R.C.**, M.A. de Schipper, D. Roelvink, S. de Vries, M.J. F. Stive,. Proceedings of the International Conference on Coastal Engineering, Santander 2012 Impact of nourishments on nearshore currents and swimmer safety on the dutch coast
- Dijkstra, J.T.**, van Prooijen, B.C., Volp, N.C., Bergsma, E.W., Walles, B., Ysebaert, T., Pree, E. (2013). The effectiveness of artificial oyster reefs as coastal protection. In: Association for the Sciences of Limnology and Oceanography, Aquatic Sciences Meeting.
- Elkema, M.**, Z.B. Wang and M.J.F. Stive, Historical morphological development of the Eastern Scheldt tidal basin (The Netherlands), Coastal Dynamics, 2009, Japan.

- Elkema, M.**, Zheng Bing Wang, Marcel J.F. Stive, Sediment Transport Dynamics in Response to a Storm Surge Barrier, Coastal Sediment 2011, Miami, USA.
- Elkema, M.**, Zheng Bing Wang, Marcel J.F. Stive, EBB-TIDAL DELTA MORPHOLOGY IN RESPONSE TO A STORM SURGE BARRIER, Coastal Dynamics, June 2013, France.
- Horstman, E.M.**, C.M. Dohmen-Janssen & S.J.M.H. Hulscher (accepted). Modeling tidal dynamics in a mangrove creek catchment in Delft3D. In: Proceedings of the 7th International Conference on Coastal Dynamics, 24-28 June 2013, Arcachon, France.
- Horstman, E.M.**, C.M. Dohmen-Janssen, P.M.F. Narra, N.J.F. van den Berg, M. Siemerink, T. Balke, T.J. Bouma, S.J.M.H. Hulscher (2012). Wave attenuation in mangrove forests; field data obtained in Trang, Thailand. In: J. McKee-Smith & P. Lynett (Eds.), Proceedings of 33rd International Conference on Coastal Engineering (ICCE), 1-6 July 2012, Santander (pp. 1-15). Santander, Spain: Coastal Engineering Research Council.
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