

CV

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Educational and professional background

- **Managing Director and Professor** of *Ludwig-Franzius-Institute for Hydraulic, Estuarine and Coastal Engineering (LuFI)*, Leibniz Universität Hannover (LUH), since 03/2007 (full W3-Professor)
- **Managing Director** *Coastal Research Centre (FZK)* as Central Joint Research Institution of the Leibniz Universität Hannover (LUH) and Technical Universität Braunschweig (TUBS), since 07/2021
- **Project Director and Senior Academic Advisor** to the Director of the Institute for Environment and Human Security (UNU-EHS), Bonn, United Nations University (UNU), Tokyo, 03/2007-02/2010
- **Head of Section** for Coastal Hazards and Risks, Institute for Environment and Human Security (UNU-EHS), Bonn, United Nations University (UNU), Tokyo, 07/2005-02/2007
- **Postdoctoral Researcher**, Berg. Univ. Wuppertal (BUW), Germany, 07/1999-06/2005 with award of Habilitation degree, Berg. Univ. Wuppertal (BUW), Germany, Final degree: PD Dr.-Ing. habil., in 05/2005
- **Research Associate** and Phd student, Bergische Universität Wuppertal (BUW), Germany, 12/95-06/99 with PhD degree, Berg. Univ. Wuppertal (BUW), Germany, Final degree: Dr.-Ing., in 07/1999
- Studies of Civil and Env. Eng., Berg. Univ. Wuppertal (BUW), Final degree: Dipl.-Ing., 10/1991-11/1995
- Abitur, Remscheid, Germany in 06/1991

Current appointments in professional associations and academic bodies & councils

- Appointed **Member of the Executive Board of ForWind** – *Center for Wind Energy Research*
- Elected **Member of the Executive Board** of *German Marine Research Consortium (KDM)*
- Elected **Member of the Zukunftsforum Ozean** of *German Marine Research Consortium (KDM)*
- Appointed **Member of the Scientific Board** of *Fed. Waterways Engineering and Research Institute (BAW)*,
- Appointed **Member of the Braunschweigische Wissenschaftliche Gesellschaft (BWG)**,
- Elected **Member of the Executive Board** *German Port Technology Association (HTG)*
- **Editorial Board** of *Journal of Marine Science and Engineering (JMSE)*, MDPI, Section Coastal Engineering
- **Editorial Board** of *Advances in Data Science and Adaptive Analysis*, Wiley Scientific
- Appointed Member of Executive Boards of the *Victor-Rizkallah Stiftung* and *Dr-Friedrich-Lehner Stiftung*, Leibniz Universitätsgesellschaft Hannover, Germany; Rotary Club Hannover (RC Hannover)

Past appointments in professional associations and academic bodies & councils

- **Dean of the Faculty for Civil Engineering and Geodetic Sciences**, Leibniz Universität Hannover, Germany, term: 04/2013-09/2015
- **Deputy Dean of the Faculty for Civil Engineering and Geodetic Sciences**, Leibniz Universität Hannover, Germany, 1st term 04/2011-03/2013 and 2nd term 10/2015-09/2017
- Appointed member of the **Academic Senate** of the Leibniz Universität Hannover, terms: 10/2011-09/2013
- Appointed **Member Scientific Board** of *Helmholtz-Zentrum Geesthacht Centre for Materials and Coastal Research* (HZG), Germany, Helmholtz Association of German Research Centers (HGF), 1st term 09/2009-08/2013 and 2nd term 09/2013-08/2017
- Head of **Scientific Board** of *German Committee on Disaster Reduction* (DKKV), Bonn, 04/2011-03/2013

Fields of research and professional expertise

- Hydraulic engineering, effects of river training and sand mining activities in estuaries and deltas
- Flood Risk and integrated coastal zone management under SLR and cascading effects
- Coastal dynamics, erosion processes and coastal engineering; transport processes of marine litter (MP)
- Marine renewable energies, port and harbor design, marine environmental impacts and projections

Teaching experiences (teaching activity & examination responsibility listed in *Modulhandbücher* FBG, 2019)

- Projekte des Bauingenieurwesens (BSc Bauingenieurwesen, 4SWS, SoSe)
- Wasserbau und Küsteningenieurwesen (BSc Bauingenieurwesen, 4SWS, WiSe)
- Wasserbau und Verkehrswasserbau (MSc Bauingenieurwesen, 4SWS, WiSe)
- Küsten und Ästuaringenieurwesen (MSc Bauingenieurwesen, 4SWS, SoSe) sowie Grundlagen der Wellentheorie und Seegangsanalyse (MSc Windenergie-Ingenieurwesen, 2SWS, SoSe)
- See- und Hafengebäude (MSc Bauingenieurwesen, 4SWS, SoSe)
- Environmental Hydraulics (MSc Water Res. and Env. Mngt., 2SWS, SoSe, jointly with Prof. Insa Neuweiler)
- Hydropower Engineering (MSc Water Res. and Env. Mngt., 2SWS, WiSe, jointly with Prof. Achmus)
- Environmental and Coastal Management (MSc Water Res. and Env. Mngt., 4SWS, WiSe)

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Google Scholar: https://scholar.google.com/citations?hl=en&user=w4RO_7cAAAAJ

Manuscripts under review:

- Tiede, J., Cossu, R., Visscher, J., Grisham, A., **Schlurmann, T.**, 2021. Turbulence dampening due to stratification along an estuary based on field measurements. *Estuarine, Coastal and Shelf Science*, Elsevier ([under review](#))

Manuscripts accepted for publication

- Villanueva, R., Paul, M. and **T. Schlurmann**. Anchor forces and design criteria for biodegradable artificial seagrass mats used for restoration. *Frontiers in Marine Science* ([accepted for publication](#))
- Gruene, M., Neves, C., Kerpen, N.B., **Schlurmann, T.**, Rosman, P.C.C., 2021. Directional infragravity waves induced by bichromatic and bidirectional waves: Theoretical approach and experimental affirmation. *Journal of Waterway, Port, Coastal, and Ocean Engineering*, ASCE ([accepted for publication](#))

2022

- Hitzegrad, J., Brohmann, L. Pfenning, L., Hoffmann, T., Rubel, M., Eilrich, A., Milbradt, P., Paul, M., Welzel, M., Kloft, H., **Schlurmann, T.**, Aberle, J., Wehrmann, A., Goseberg, N., 2022. Oyster reef surfaces in the central Wadden Sea: a comprehensive statistical description. *Frontiers in Marine Science*, 09 March 2022 <https://doi.org/10.3389/fmars.2022.808018>
- Saincher, S., Sriram, V., Agarwal, S., **Schlurmann, T.**, 2022. Experimental investigation of hydrodynamic loading induced by regular, steep non-breaking and breaking focused waves on a fixed and moving cylinder. *European Journal of Mechanics, B/Fluids*, 93, pp. 42-64. <https://DOI:10.1016/j.euromechflu.2021.12.009>
- Elsayed, S.M., Gijnsman, R., **Schlurmann, T.**, Goseberg, N., 2022. Non-hydrostatic Numerical Modeling of Fixed and Mobile Barred Beaches: Limitations of Depth-Averaged Wave Resolving Models around Sandbars. *Journal of Waterway, Port, Coastal and Ocean Engineering*, 148 (1), art. no. 04021045, [https://doi.org/10.1061/\(ASCE\)WW.1943-5460.0000685](https://doi.org/10.1061/(ASCE)WW.1943-5460.0000685)
- Schoonees, T., Kerpen, N.B., **Schlurmann, T.**, 2022. Full-scale experimental study on wave reflection and run-up at stepped revetments. *Coastal Engineering*, 172, art. no. 104045. <https://doi.org/10.1016/j.coastaleng.2021.104045>

2021

- David, G., Hennig, A., Ratter, B.M.W., Roeber, V., **Schlurmann, T.**, 2021. Considering socio-political framings when analyzing coastal climate change effects can prevent maldevelopment on small islands. *Nature Communications*, 12, 5882. Springer Nature. <https://doi.org/10.1038/s41467-021-26082-5>
- von Storch, H., Fennel, K., Jensen, J., Lewis, K.A., Ratter, B., **Schlurmann, T.**, Wahl, T. and W. Zhang. Climate and Coast: Overview and Introduction, *Climate Science*, Oxford Research Encyclopedias (ORE) <https://doi.org/10.1093/acrefore/9780190228620.013.816>
- Lojek, O., Goseberg, N., **Schlurmann, T.**, 2021. Projected Hydro-Morphodynamic Impacts of Planned Layout Changes for a Coastal Harbor, *Journal of Waterway, Port, Coastal, and Ocean Engineering*, ASCE, Vol. 147 (6), Nov 2021 <https://ascelibrary.org/doi/full/10.1061/%28ASCE%29WW.1943-5460.0000666>
- Taphorn, M., Villanueva, R., Paul, M., Visscher, J., **Schlurmann, T.**, 2021. Flow field and wake structure characteristics imposed by flexible, single seagrass surrogates. *Journal of Ecohydraulics*, Taylor & Francis Online <https://doi.org/10.1080/24705357.2021.1938253>
- Villanueva, R., Thom, M., Visscher, J., Paul, M., **Schlurmann, T.**, 2021. Wake length of an artificial seagrass meadow: a study of shelter and feasibility for restoration. *Journal of Ecohydraulics*, Taylor & Francis Online <https://doi.org/10.1080/24705357.2021.1938256>
- Jordan, C., Visscher, J., **Schlurmann, T.**, 2021. Projected responses of tidal dynamics in the North Sea to sea-level rise and morphological changes in the Wadden Sea. *Frontiers in Marine Science* 8:685758 <https://10.3389/fmars.2021.685758>

- Schoonees, T., Kerpen, N.B., **Schlurmann, T.**, 2021. Full-scale experimental study on wave overtopping at stepped revetments. *Coastal Engineering*, 167, art. no. 103887, <https://DOI:10.1016/j.coastaleng.2021.103887>
- David, C.G., Kohl, N., Casella, E., Rovere, A., Ballesteros, P., **Schlurmann, T.**, 2021. Structure-from-Motion on shallow reefs and beaches: potential and limitations of consumer-grade drones to reconstruct topography and bathymetry. *Coral Reefs*, 40 (3), pp. 835-851. <https://DOI:10.1007/s00338-021-02088-9>
- Staudt, F.; Gijsman, R.; Ganal, C.; Mielck, F.; Wolbring, J.; Hass, H.C.; Goseberg, N.; Schüttrumpf, H.; **Schlurmann, T.** and S. Schimmels, 2021. The sustainability of beach nourishments: a review of nourishment and environmental monitoring practice. *Journal of Coastal Conservation*, Springer, Vol. 25, 34 <https://doi.org/10.1007/s11852-021-00801-y>
- Gijsman, R., Ruessink, B.G., Visscher, J., **Schlurmann, T.**, 2021. Observations on decadal sandbar behaviour along a large-scale curved shoreline. *Earth Surface Processes and Landforms*, 46 (2), pp. 490-503. <https://DOI:10.1002/esp.5041>
- Scheiber, L., Lojek, O., Götschenberg, A., Visscher, J., **Schlurmann, T.**, 2021. Robust methods for the decomposition and interpretation of compound dunes applied to a complex hydromorphological setting. *Earth Surface Processes and Landforms*, 46 (2), pp. 478-489. <https://DOI:10.1002/esp.5040>
- Sriram, V., Agarwal, S., **Schlurmann, T.**, 2021. Laboratory Study on Steep Wave Interactions with Fixed and Moving Cylinder. *International Journal of Offshore and Polar Engineering*, Vol. 31, No. 1, March 2021, pp. 19–26; <https://doi.org/10.17736/ijope.2021.jc808>
- Agarwal, S., Saincher, S., Sriram, V., Yan, S., Xie, Z., **Schlurmann, T.**, Ma, Q., Yang, X., Wan, D., Gong, Y., Li, Y., Li, Y., Lu, J., Sun, Y., Liu, Y., Zou, B., Chen, S., Lu, J., Lin, J., Hong, S.H., Ha, Y.-J., Kim, K.-H., Cho, S.-K., Park11, D.-M., Sithik, A., Bouscasse, B., Ducrozet, G., Ferrant, P., 2021. A Comparative Study on the Nonlinear Interaction Between a Focusing Wave and Cylinder Using State-of-the-art Solvers: Part B. *International Journal of Offshore and Polar Engineering*, Vol. 31, No. 1, March 2021, pp. 11–18; <https://doi.org/10.17736/ijope.2021.jc832>
- Sriram, V., Agarwal, S., Yan, S., Xie, Z., Saincher, S., **Schlurmann, T.**, Ma, Q., Stoesser, T., Zhuang, Y., Han, B., Zhao, W., Yang, X., Li, Z., Wan, D., Zhang, Y., Teng, B., Ning, D., Zhang, N., Zheng, Y., Xu, G., Gong, Y., Li, Y., Liao, K., Duan, W., Han, R., Asnim, W., Sulaiman, Z., Zhou, Z., Qin, J., Li, Y., Song, Z., Lou, X., Lu, L., Yuan, C., Ma, Y., Ai, C., Dong, G., Sun, H., Wang, Q., Zhai, Z.-T., Shao, Y.-L., Lin, Z., Qian, L., Bai, W., Mam, Z., Higuera, P., Buldakov, E., Stagonas, D., Martelo Lopez, S., Christou, A., Lin, P., Li, Y., Lu, J., Hong, S.H., Ha, Y.-J., Kim, K.-H., Cho, S.-K., Park, D.-M., Laskowski, W., Eskilsson, C., Ricchiuto, M., Engsig-Karup, A. P., Cheng, L., Zheng, J., Gu, H., Li, G., 2021. A Comparative Study on the Nonlinear Interaction Between a Focusing Wave and Cylinder Using State-of-the-art Solvers: Part A. *International Journal of Offshore and Polar Engineering*, Vol. 31, No. 1, March 2021, pp. 1–10; <https://doi.org/10.17736/ijope.2021.jc820>

2020

- Kerpen, N.B., **Schlurmann, T.**, Schendel, A., Gundlach, J., Marquard, D., Hüpgen, M., 2020. Wave-Induced Distribution of Microplastic in the Surf Zone. *Frontiers in Marine Science*, 7, art. no. 590565, <https://DOI:10.3389/fmars.2020.590565>
- David, C.G., **Schlurmann, T.**, 2020. Hydrodynamic Drivers and Morphological Responses on Small Coral Islands—The Thoindu Spit on Fuvahmulah in the Maldives, *Frontiers in Marine Science*, 7, art. no. 538675 <https://DOI:10.3389/fmars.2020.538675>
- Kuenzer, C., Heimhuber, V., Day, J., Varis, O., Renaud, F., Gaohuan, L., Tuan, V.Q., **Schlurmann, T.**, Glamore, W., 2020. Profiling resilience and adaptation in mega deltas: A comparative assessment of the Mekong, Yellow, Yangtze, and Rhine deltas. *Ocean and Coastal Management*, 198, art. no. 105362, <https://DOI:10.1016/j.ocecoaman.2020.105362>
- Jordan, C., Visscher, J., Dung, N.V., Apel, H., **Schlurmann, T.**, 2020. Impacts of human activity and global changes on future morphodynamics within the tien river, vietnamese mekong delta. *WATER (Switzerland)*, 12 (8), art. no. 2204, <https://doi:10.3390/w12082204>

- Schendel, A., Welzel, M., **Schlurmann, T.**, Hsu, T.W., 2020. Scour around a monopile induced by directionally spread irregular waves in combination with oblique currents. *Coastal Engineering*, 161, art. no. 103751, <https://doi:10.1016/j.coastaleng.2020.103751>
- Welzel, M., Schendel, A., Goseberg, N., Hildebrandt, A., **Schlurmann, T.**, 2020. Influence of Structural Elements on the Spatial Sediment Displacement around a Jacket-Type Offshore Foundation. *WATER - Section Water Erosion and Sediment Transport*, 12 (6), <https://doi.org/10.3390/w12061651>
- Kerpen, N.B., Daemrich, K.-F., Lojek, O., **Schlurmann, T.**, 2020. Effect of variations in water level and wave steepness on the robustness of wave overtopping estimation. *Journal of Marine Science and Engineering*, 8 (1), art. no. 63, <https://DOI:10.3390/JMSE8020063>
- Lojek, O., Tiede, J., Visscher, J., Cossu, R., **Schlurmann, T.**, 2020. Spatiotemporal Investigation of Event-Driven Sedimentation in a Tidally Influenced Shipyard by Air and Waterborne Observations. *Journal of Waterway, Port, Coastal and Ocean Engineering*, 146 (4), (ASCE) art. no. 05020001, [https://doi:10.1061/\(ASCE\)WW.1943-5460.0000572](https://doi:10.1061/(ASCE)WW.1943-5460.0000572)
- Aghaei, A., Schimmels, S., **Schlurmann, T.** and A. Hildebrandt, 2020. Numerical modeling of pure/aerated water entry of elastic plates, investigation of the effect of aeration and hydroelasticity on impact loading and structural response. *Ocean Engineering*, 201, art. no. 107098, <https://doi:10.1016/j.oceaneng.2020.107098>

2019

- Schendel, A., Welzel, M., Hildebrandt, A., **Schlurmann, T.** and T.W. Hsu, 2019. Role and Impact of Hydrograph Shape on Tidal Current-Induced Scour in Physical-Modelling Environments. *Water (Switzerland)*, MDPI, 11, 2636; <https://doi:10.3390/w11122636>
- Jordan, C., Tiede, J., Lojek, O., Visscher, J., Apel, H., Nguyen, H.Q., Quang, C.N.X., **Schlurmann, T.**, 2019. Sand mining in the Mekong Delta revisited - current scales of local sediment deficits. *Scientific Reports*, 9 (1), art. no. 17823, NATURE-Springer, <https://DOI:10.1038/s41598-019-53804-z>
- Massolle, C., Lankenau, L., Koppe B. und **T. Schlurmann**, 2019. Eignung, Einsatz und Leistungsfähigkeit von Sandsackersatzsystemen im mobilen Hochwasserschutz, in: *Wasser und Abfall*, Springer Vieweg, Heft 9, Sept. 2019, pp. 18-25
- Grote, U., Dietrich, J., Ibendorf, J., Werthmann, C., Gabbert, W., Liefner, I., Nolte, K., Onken, H., **Schlurmann, T.**, Schmieder, U., Tuitjer, L., Weichgrebe, D., 2019. Migration und räumliche Transformation. Theoretische Ansätze, empirische Erkenntnisse, interdisziplinäre Perspektiven. *TRUST-Schriftenreihe*. Diskussionspapier Nr. 1/2019. Hannover. 74 S. <https://DOI.org/10.15488/5212>
- Welzel, M.; Schendel, A.; **Schlurmann, T.**; Hildebrandt, A. Volume-Based Assessment of Erosion Patterns around a Hydrodynamic Transparent Offshore Structure. *Energies* (MDPI), 12, 3089. <https://doi.org/10.3390/en12163089>
- Gijnsman, R., Visscher, J., **Schlurmann, T.**, 2019. The lifetime of shoreface nourishments in fields with nearshore sandbar migration. *Coastal Engineering*, Elsevier, Vol. 152. Oct. 2019, <https://doi.org/10.1016/j.coastaleng.2019.203521>
- Welzel, M., Schendel, A., Hildebrandt, A., **Schlurmann, T.**, 2019. Scour development around a jacket structure in combined waves and current conditions compared to monopile foundations. *Coastal Engineering*, Elsevier, Vol. 152. Oct. 2019, <https://doi.org/10.1016/j.coastaleng.2019.103515>
- Subramaniam, S.P., Scheres, B., Schilling, M., Liebisch, S., Kerpen, N.B., **Schlurmann, T.**, Altomare, C., Schüttrumpf, H., 2019. Influence of Convex and Concave Curvatures in a Coastal Dike Line on Wave Run-up. *Water (Switzerland)*, MDPI, 11(7), 1333, <https://doi.org/10.3390/w11071333>
- Schoonees, T., Gijón Mancheño, A., Scheres, B., Bouma, T.J., Silva, R., **Schlurmann, T.**, Schüttrumpf, H., 2019. Hard Structures for Coastal Protection, Towards Greener Designs. *Estuaries and Coasts*, Springer <https://DOI:10.1007/s12237-019-00551-z>
- Kerpen, N.B., Schoonees, T., **Schlurmann, T.**, 2019. Wave overtopping of stepped revetments, *Water*

(Switzerland), MDPI, 11 (5), art. no. 1035, <https://DOI:10.3390/w11051035>

- Zorndt, A.C., **Schlurmann, T.**, 2019. Sources of uncertainty in estuarine climate impact modelling. *Journal of Applied Water Engineering and Research*, 7 (1), pp. 37-47. <https://DOI:10.1080/23249676.2017.1355756>
- Chavez, C.E.A., Stratigaki, V., Wu, M., Troch, P., Schendel, A., Welzel, M., Villanueva, R., **Schlurmann, T.**, De Vos, L., Kisacik, D., Pinto, F.T., Fazeres-Ferradosa, T., Santos, P.R., Baelus, L., Szengel, V., Bolle, A., Whitehouse, R., Todd, D., 2019. Large-scale experiments to improve monopile scour protection design adapted to climate change—the PROTEUS project. *Energies*, MDPI, 12 (9), art. no. 1709, <https://DOI:10.3390/en12091709>
- Michalzik, J., Liebisch, S., **Schlurmann, T.**, 2019. Development of an outdoor wave basin to conduct long-term model tests with real vegetation for green coastal infrastructures. *Journal of Marine Science and Engineering*, MDPI, 7 (1), art. no. 18, <https://DOI:10.3390/jmse7010018>

2018

- Welzel, M., **Schlurmann, T.**, Hildebrandt, A., 2018. Local scour development and global sediment redistribution around a jacket-structure in combined waves and current. *Scour and Erosion IX - Proceedings of the 9th International Conference on Scour and Erosion, ICSE 2018*, pp. 275-282.
- Schendel, A., Hildebrandt, A., **Schlurmann, T.**, 2018. Experimental study on scour around a pile in multidirectional (Spreading) random waves. *Scour and Erosion IX - Proceedings of the 9th International Conference on Scour and Erosion, ICSE 2018*, pp. 267-273.
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- Schendel, A., Hildebrandt, A., Goseberg, N. and **T. Schlurmann**, 2018. Processes and evolution of scour around a monopile induced by tidal currents. *Coastal Engineering*, Elsevier, 139, pp. 65-84. <https://doi:10.1016/j.coastaleng.2018.05.004>

2017

- Goseberg, N.; Chambers, M.D.; Heasman, K.; Fredriksson, D.; Fredheim, A.; **Schlurmann, T.**, 2017. Technological approaches to longlined and cage-based aquaculture in open ocean environments. *In: Aquaculture Pers. of Multi-Use Sites in the Open Ocean: The Untapped Potential for Marine Resources in the Anthropocene. Eds.: Buck, B., Langan, R., Springer International Publishing: Cham, CH; pp. 71–95.* https://doi.org/10.1007/978-3-319-51159-7_3
- Schendel, A., Goseberg, N. and **T. Schlurmann**, 2017. Influence of reversing currents on the erosion stability and bed degradation of widely graded grain material. *International Journal of Sediment Research*. Vol. 33, Issue 1, pp. 68-83 <https://doi.org/10.1016/j.ijsrc.2017.07.002>
- David, C.G., Roeber, V., Goseberg, N., **Schlurmann, T.**, 2017. Generation and propagation of ship-borne waves - Solutions from a Boussinesq-type model. *Coastal Engineering*, Elsevier 127, pp. 170-187 <http://doi:10.1016/j.coastaleng.2017.07.001>
- Kerpen, N.B., Bung, D.B., Valero, D., **Schlurmann, T.**, 2017. Energy dissipation within the wave run-up at stepped revetments, *J. of Ocean Univ. of China*, 16 (4), pp. 649-654. <http://doi:10.1007/s11802-017-3355-z>
- Manoj Kumar, G., Sriram, V., **Schlurmann, T.**, 2017. Propagation and breaking characteristics of solitons and N-wave in fresh water and brine. *Journal of Hydraulic Research*, IAHR, Issue 4. pp. 557-572 <http://dx.doi.org/10.1080/00221686.2016.1275050>

2016

- Schendel, A., Goseberg, N., **Schlurmann, T.**, 2016. Erosion stability of wide-graded quarry-stone material under unidirectional current. *Journal of Waterway, Port, Coastal and Ocean Engineering*, ASCE, 142 (3), [https://doi.org/10.1061/\(ASCE\)WW.1943-5460.0000321](https://doi.org/10.1061/(ASCE)WW.1943-5460.0000321)
- Wöbse, S., Kerpen, N., **Schlurmann, T.**, Goseberg, N., 2016. Stability of modular armour patches of normal and

heavy concrete subjected to wave loads [Stabilität von modularen Deckwerksmatten aus Normal- und Schwebeton unter Wellenlasten]. *Wasserwirtschaft*, 106 (10), pp. 43-49.

- David, G., Schulz, N., **Schlurmann, T.**, 2016. Assessing the Application Potential of Selected Ecosystem-Based, Low-Regret Coastal Protection Measures. *In: Ecosystem-Based Disaster Risk Reduction and Adaptation in Practice*, Springer International Pub. Vol. 42 - Adv. in Natural and Techn. Hazards Research, pp 457-482 https://doi.org/10.1007/978-3-319-43633-3_20

2015

- Sriram, V., **Schlurmann, T.**, Schimmels, S., 2015. Focused wave evolution using linear and second order wavemaker theory, *Applied Ocean Research*, 53, pp. 279-296. <https://doi.org/10.1016/j.apor.2015.09.007>
- Schendel, A., Goseberg, N., **Schlurmann, T.**, 2015. Experimental study on the erosion stability of coarse grain materials under waves. *Journal of Marine Science and Technology*, MDPI, 23 (6), pp. 937-942. <https://DOI:10.6119/JMST-015-0610-12>
- Lokesha, N.B. Kerpen, S.A. Sannasiraj, V. Sundar, **T. Schlurmann**, 2015. Experimental Investigations on Wave Transmission at Submerged Breakwater with Smooth and Stepped Slopes, *Procedia Engineering*, Elsevier, Vol. 116, pp. 713-719 <https://doi.org/10.1016/j.proeng.2015.08.356>
- Bremm, G., Goseberg, N., **Schlurmann, T.** and I. Nistor, 2015. Long Wave Flow Interaction with a Single Square Structure on a Sloping Beach. *Journal of Marine Science and Engineering*, MDPI, Vol. 3 (3), pp. 821-844; <https://doi.org/10.3390/jmse3030821>
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