

Dr. Nico Stelljes

Doctor of Natural Sciences

Environmental Scientist (Diplom-Umweltwissenschaftler)

Coordinator Coastal and Marine Studies

Fellow

Team

[Research & Policy Analysis](#)

Topics

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[Adaptation](#)

Dr. Nico Stelljes is a Fellow at Ecologic Institute and coordinates its work in coastal and marine studies. His research interests include regional adaptation to climate change, integrated coastal zone management (ICZM), sustainability, transdisciplinarity, perceptions of climate change, and the dissemination of scientific knowledge. He works in German and in English.

Dr. Nico Stelljes is a member of the project team "[Innovation in the provision of climate services](#)" (INNOVA). The project is part of the ERA-NET consortium "[European Research Area for Climate Services](#)" (ERA4CS) and develops climate services for four case study regions in Europe. The case study in the Bay of Kiel is led by Dr. Nico Stelljes.

Dr. Nico Stelljes was involved in the [Regional Adaptation Strategies for the German Baltic Sea Coast](#) (RADOST) project team, which was coordinated by Ecologic Institute Berlin. RADOST was one of seven model regions in Germany that were supported by the German [Federal Ministry of Education and Research](#) (BMBF) through the funding initiative [KLIMZUG](#) (Managing Climate Change in the Regions for the Future). Dr. Nico Stelljes was also member of the project "Reducing nutrient loadings from agricultural soils to the Baltic Sea via groundwater and streams" ([Soils2Sea](#)). Within the European Commission's Seventh Framework Programme for Research (FP7), he was part of a project on [Bottom-Up Climate Adaptation Strategies for a Sustainable Europe](#) (BASE). In the project [RISC-KIT](#), he focused on the development and analysis of resilience-increasing strategies for coasts.

The transfer of knowledge and cooperation with different actors is an important field of activity for Dr. Nico Stelljes. In addition to his scientific work, he is active in organising and moderating workshops. He was part of the Programme Committee of the second Conference on Climate Adaptation ([ECCA2015](#)) and the third [BONUS Symposium](#) (2018). As part of the RISC-KIT project, he was significantly involved in the development of a [website for risk communication on European coasts](#). Further information on his projects and publications can be found at [researchgate](#).



Before joining Ecologic Institute, Dr. Nico Stelljes worked at the [Helmholtz-Zentrum Geesthacht](#), where he participated in various projects, such as [Zukunft Küste – Coastal Futures](#). Within this project, he began writing his doctoral thesis, entitled "[The Impact of Demography Change on Sustainability Aspects in a Coastal Region](#)" [pdf, 4.9 MB, German]. He completed his doctoral degree at the [Geographical Institute](#) of the University of Hamburg (Germany) in 2012.

Dr. Nico Stelljes studied environmental science at Leuphana University Lüneburg in Germany with a focus on ecology and landscape planning. His thesis focused on sand replenishment as a coastal protection strategy on the island of Sylt.

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[Projects](#) [Publications](#)

Selected projects by Dr. Nico Stelljes

[Implementation of the EU Marine Strategy Framework Directive \(MEER project\)](#)

Duration

Jan 2019 - Mar 2023

Funding

[German Environment Agency](#) (UBA), Germany

[Management Effectiveness of Marine Natura 2000 Sites and other EU Marine Protected Areas](#)

Duration

Dec 2020 - Jun 2022

Funding

European Commission, [Directorate-General Environment](#) (DG Environment), International

[Multi-use Offshore Platforms Demonstrators for Boosting Cost-effective and Eco-friendly Production in Sustainable Marine Activities \(UNITED\)](#)

Duration

Jan 2020 - Jun 2023

Funding

European Commission, [Directorate-General Research & Innovation](#) (DG Research & Innovation),

International
European Commission, [Research Executive Agency](#) (REA), International

The EU4Ocean Coalition for Ocean Literacy

Duration

Dec 2019 - Jun 2022

Funding

European Commission [Directorate-General for Maritime Affairs and Fisheries](#) (DG Maritime Affairs and Fisheries), International

Innovation in Climate Services Provision (INNOVA)

Duration

Oct 2017 - Sep 2020

Funding

[Federal Ministry of Education and Research](#) (BMBF), Germany

Communication on the IPCC Special Reports "Climate Change and Land" and "The Ocean and Cryosphere in a Changing Climate"

Duration

Jun 2019 - Aug 2020

Funding

[German Environment Agency](#) (UBA), Germany

Selected publications by Dr. Nico Stelljes

Abhold, K., Hoffmann, H., McGlade, K., Krüger, I., Stelljes, N. (2019): Oceans as Global Commons. International Governance and the Role of Germany. Report to the Science Platform Sustainability 2030. Berlin: Ecologic Institute.

Stelljes, Nico: Using Active Public Participation in the Co-development of Coastal Protection Strategies for a Touristic Beach City. Timmendorfer Strand, Germany. in: Ng, K., Campos, I., & Penha-Lopes, G. (Eds.). (2016). BASE adaptation inspiration book: 23 European cases of climate change adaptation to inspire European decision-makers, practitioners and citizens. Lisbon: Faculty of Sciences, University of Lisbon, 122-125.

Stelljes, N., McGlade, K., Martinez, G., BONUS SOILS2SEA Deliverable 6.4. Results from stakeholder workshops on governance concepts. Ecologic Institute, Berlin, December 2017, www.soils2sea.eu

Stelljes, Nico 2015: "Der Blick über den Tellerrand. Internationale Beispiele der Klimaanpassung.", in: Jörg Knieling and Bernhard Müller (eds.): Klimaanpassung in der Stadt- und Regionalentwicklung. Ansätze, Instrumente, Maßnahmen und Beispiele. [Klimawandel in Regionen zukunftsfähig gestalten Band 7]. München: oekom verlag, 121-141.

Morten Graversgaard, Hedelin B., Smith L., Gertz F., Højberg A.L., Langford J., Martinez G., Mostert E., Ptak E., Peterson H., Stelljes N., van den Brink C., and Refsgaard J.C., Opportunities and Barriers for Water Co-Governance—A Critical Analysis of Seven Cases of Diffuse Water Pollution from Agriculture in Europe, Australia and North America. Sustainability 2018.10, 1634.

Stelljes, Nico; Doris Knoblauch; Grit Martinez and Robin Körth 2014: "Akteursanalyse und Befragungen in RADOST: Klimaanpassung aus Sicht von Akteuren an der Ostseeküste", in: Karin Beese et al. (eds.): Anpassung an regionale Klimafolgen kommunizieren. Konzepte, Herausforderungen und Perspektiven. [KLIMZUG-Reihe: Klimawandel in Regionen zukunftsfähig gestalten. München: oekom Verlag, 167-178.

Knoblauch, Doris and Stelljes, Nico 2014: "Regional perspectives concerning climate change and coastal adaptation. A comparison between Mecklenburg-Vorpommern and Schleswig-Holstein", in: Grit Martinez; Hans-Joachim Meier and Peter Fröhle (eds.): Social Dimensions of Climate Change Adaptation in Coastal Regions – Findings from Transdisciplinary Research. Munich: oekom verlag, 45-60.

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