

The Leibniz Centre for Tropical Marine Research GmbH ([www.leibniz-zmt.de](http://www.leibniz-zmt.de)) is an independent research and teaching institute that provides scientific knowledge for the protection and sustainable use of tropical coastal ecosystems. To this end, we work in an inter- and transdisciplinary manner with our partners in the tropics. The ZMT is a member of the Leibniz Association.

Indices are increasingly employed to assess, communicate, and visualise the state of complex ecological and social systems in an accessible way. While several assessment frameworks exist for marine ecosystems (e.g., the Ocean Health Index, World Ocean Assessment), no framework currently integrates ecological, societal, and political components of (tropical) coastal systems with a global perspective. To address this gap, ZMT launched the project “Environmental and Societal Trends in Coastal Systems” (ESTiCS), with the goal to conceptualise and implement such a holistic assessment framework. ESTiCS aligns with the strategic institute expansion TropECS, developing ZMT towards a knowledge and capacity hub for modelling global change impacts on tropical coastal systems. Our goal is an assessment framework that is co-designed with partner institutions and stakeholders in the tropics, as well as regionally applicable and globally comparable.

We are (subject to release of funds) seeking a researcher with experience in (agent-based) modelling and/or indicator development, to propel the project to its next phase/stage, by finalising the concept and facilitating its implementation in pilot regions. ESTiCS is planned to be located within ZMT's Programme Area 4: “Ecosystem Co-Design for a Sustainable Anthropocene.”

## Scientific Coordinator (gn)

(Reference: 9-STB-ESTiCS)

### Your tasks:

- Finalise the assessment concept, including the development of a complete methodology, in close collaboration with the project team and scientists from ZMT
- Prepare and coordinate co-design workshops for the selection of indicator sets, at ZMT, and around suitable events in the tropics
- Network with tropical partner institutions to disseminate the concept and to prepare for regional pilot implementations of the framework
- Prepare third-party funding proposals to support the further development and implementation of ESTiCS, with assistance from contributing workgroups and the directorate of ZMT
- Lead the publication of a perspectives paper presenting the framework concept and workshop results to the scientific community, in alignment with the emerging TropECS work

### Requirements:

- University degree in a relevant field (MSc required; doctoral degree desirable)
- Strong familiarity with coastal socio-ecological systems is essential
- Experience in the conceptualisation and utilisation of composite indices, or environmental/social models is beneficial
- Excellent networking abilities and openness to inter- and transdisciplinary work, in intercultural contexts
- Experience in conducting stakeholder workshops

- Excellent communication and writing skills in English; skills in German and other languages are an asset

**Further information:**

For questions, please contact Prof. Dr. Nils Moosdorf, email [nils.moosdorf@leibniz-zmt.de](mailto:nils.moosdorf@leibniz-zmt.de) or Dr. Jonas Geburzi, email: [jonas.geburzi@leibniz-zmt.de](mailto:jonas.geburzi@leibniz-zmt.de).

**Details of position:**

Salary will be paid according to the German TV-L (EG 13) The position is available as a full-time position (with the option for part-time employment) and will start as soon as possible, with a duration of 12 months. ZMT is an equal opportunity employer. Applicants with a migration background are welcome. Persons with severe disabilities are given special consideration if they have the same professional and personal qualifications. The ZMT values its diverse workforce and pursues the goal of providing equal opportunity, which incorporates gender neutrality (gn). We will be happy to accept your documents without a photo.

**We offer:**

- A challenging and varied job in an international, dynamic and interdisciplinary research environment
- A motivated and committed team from different countries and cultures
- An open and cooperative working atmosphere
- Opportunities for personal and professional development
- Interesting, varied and challenging tasks and family-friendly working conditions
- Company pension plan (VBL)
- Company health promotion and the opportunity to participate in company fitness with EGYM Wellpass

**Submission of application:**

Please submit your CV including publication list, a brief statement of motivation, the names and contact information of two referees, as well as copies of relevant certificates (Master/Doctoral degree) **by 28.02.2025 as a single pdf file** with the reference number "9-STB-ESTiCS" to Ms. Lena de Carné-Oehlmann, email: [bewerbung@leibniz-zmt.de](mailto:bewerbung@leibniz-zmt.de).

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