

The Leibniz Center for Tropical Marine Ecology (ZMT) in Bremen is a member of the Leibniz Association, which is supported by the German Federal and State Governments. Through its research, ZMT contributes to developing science-based strategies for sustainable use of tropical coastal systems ([www.leibniz-zmt.de](http://www.leibniz-zmt.de)).

The ZMT has a position available for a

## **Ph.D-student in Mangrove Ecology**

(Reference number 15)

**Description:** The project will investigate carbon exchange between mangrove forests and seagrass beds across latitudes. Recent research has highlighted the importance of blue carbon in tropical coastal ecosystems, however there are gaps in our knowledge in how connected ecosystems might facilitate the accumulation of blue carbon. It is envisaged that this PhD will use a combination of field and laboratory studies to answer key questions on carbon exchange in the tropical seascape.

The position will be based at ZMT but fieldwork will require travel to four locations across latitudes i.e. Africa, America, Asia and Australia for a total of nine months over 3 years. Fieldwork will require the student to often work independently. Freedom exists for the candidate to alter or add additional questions within the content of the overall project.

**Requirements:** The ideal candidate will have experience with measuring water column and sediment chemistry and plant ecosystem traits. We expect applicants to have degrees in Marine Ecology, Marine Biology, Coastal, Marine sciences etc. but should have experience in ecological research. Familiarity with wetlands and coastal ecosystems are essential.

**Details of Position:** The employment envisages a 50% position (based on TV-L 13) to be filled for 3 years with the aims described above. Starting date will begin as soon as a candidate is appointed. ZMT is an equal opportunity employer. Disabled persons with comparable qualification receive preferential status.

**Additional information:**

For additional information, please contact: Dr. Lucy Gwen Gillis ([lucy.gillis@leibniz-zmt.de](mailto:lucy.gillis@leibniz-zmt.de)).

**Submission of Application:**

Please send your complete set of application documents in English (including a Letter of Motivation, CV and one page proposal of a experimental idea within the overall project) as a single pdf file by E-Mail to Ms. Lena Oehlmann ([bewerbung@leibniz-zmt.de](mailto:bewerbung@leibniz-zmt.de)) and indicate the reference number: "Mangrove Ecology - 15".

Applications will be reviewed from 01.08.2016 until the position is filled.  
Only short-listed candidates will be notified.

Leibniz Center for Tropical Marine Ecology, Fahrenheitstrasse 6, D - 28359 Bremen.