

MARUM / GLOMAR Expert Course:

Climate time-series analysis in the frequency domain

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MARUM - Center for Marine Environmental Sciences

8-9 July 2013, MARUM, Bremen

Objective

An introduction to the basics of time-series analysis methods used in palaeoclimate research.

Topics

- Spectral analysis of single time series
- Statistical significance of spectral peaks
- Cross-spectral analysis
- Time-frequency analysis (incl. wavelet analysis)

Prerequisite

Exercises will employ MATLAB and basic knowledge on its usage will be assumed.

Please note:

*Participants who would like to **bring their own laptops** may do so but are responsible to make sure that the software (MATLAB) is running properly by the beginning of the course.*

Location

MARUM, University of Bremen, 28359 Bremen, Germany
Room 2070

Time

09.00 – 17.00

To subscribe

Please send an e-mail to Christina Klose (glomar-courses@marum.de). Please give your name, status (PhD student, Postdoc or Master Student), institute / university and research area / working group as well as your **field of study**.