MARUM / GLOMAR Specific Knowledge Course

Climate time-series analysis in the frequency domain

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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.

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.
Please note that during the course, support can only be given for laptops provided by GLOMAR.

Location and Time

MARUM, University of Bremen, Leobener Str. 8, 28359 Bremen, Germany
Room 2060
09.00 – 13.00 hrs.

Registration

To register for this course, please visit the course webpage.

Please note that your registration will be binding.

The registration deadline for this course is **27 June 2017**.

Any enquiries regarding the course should be addressed to glomar-courses@marum.de.