MARUM / GLOMAR Expert Course:

An introduction to MATLAB

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MARUM - Center for Marine Environmental Sciences

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MATLAB is a flexible programming language, which enables you to process significant amounts of numerical data. MATLAB is well documented, supported by a large user group, and frequently applied in science and engineering. MATLAB shares the syntax with other languages, such as *Octave* and *Scilab*, which are both free to use.

The aim of this course is to provide you with basic knowledge of MATLAB programming. Technically, this is a practical course where you will program yourself most of the time. Experience with other programming languages is not required. With a little effort you will be able to import and process data, and to create custom-designed plots from your results.

Topics:

Programming: syntax, variables, data types; Processing: scripts, functions; Data: import, storage, export; Plotting: 2D, 3D, objects, handles; More: help pages, books, file exchange database
Discuss individual topics according to your processing needs, potentially including, but not limited to, statistics, interpolation, or time series analysis.

Time

09.00 – 17.00

Location

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

To subscribe

To subscribe to this course, please fill in the registration form.

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

The **registration deadline** for this course is **22 May 2014**. If registration is too low by this day, the course may be cancelled.