

## MARUM / GLOMAR Basic Skills and Methods Course

### An Introduction to R (software use and code writing)

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26 – 27 March 2018, MARUM Bremen

#### Objectives

This course will provide a brief introduction to the practical usage of R: a widely adopted and flexible statistical programming language and environment. The primary goal is to help participants understand how R's basic components work and how to interact with them for scientific data analyses. We will cover the logic of basic R coding, working with contributed packages, data handling, and visualization. Due to the course's brevity, each topic will be covered in a hands-on manner, with more emphasis on practice than background theory.

**Please note, that statistics is not the topic of this introductory course.** This will be covered in the courses by Prof. Dr. Dieter Wolf-Gladrow 13 – 15 June 2018 (part I) and 11 – 13 July 2018 (part II).

#### Software used in the course

R: at least v3.4.3 <https://cran.r-project.org/>  
R studio: at least v1.1.423 <https://www.rstudio.com/>

#### *Please note:*

*Participants who would like to **bring their own laptops** may do so but are responsible to make sure that the software is running properly by the beginning of the course. Thus, the software need to be installed before the course.*

***During the course**, support can only be given for laptops provided by us.*

#### Target group

Absolute beginners in using R.

This course addresses especially those people who plan to attend the MARUM / GLOMAR course "Statistics – An Introduction to Hypothesis Testing and Parameter Estimation (using R)".

### **Location and time**

MARUM, University of Bremen, Leobener Str. 8, 28359 Bremen, Germany, Room 2070

26 – 27 March 2018, 09.00 – 13.00 hrs.

### **Registration**

To register for this course, please visit the [course web site](#).

The registration deadline for this course is **22 March 2018**.

*Please note that your registration will be binding.*

Any enquiries regarding the course should be addressed to [early-career@marum.de](mailto:early-career@marum.de).