

# O01: Welcome to R

Welcome to our first Geotraining Module (online): Introduction to R. Today you will learn about the programming language R that is the basis for Module 1: Geospatial Technologies. We will use R to analyze remote sensing imagery, do statistics, build models and advance into machine learning. You already see: R can be used for a lot of things and it can be a bit overwhelming when you first start out. But do not worry, we start very slow with the very basics - so even if you never used R, you can follow along and get prepared the more advanced techniques later in the module.

This course consists of three major parts:

1. Slides with the technical background and general information.
2. Exercised and scripts as hands on practice for you.
3. A [video series](#) that accompanies the slides and exercises with detailed explanations.

## Let's start

To start the course, [download the course resources](#) (don't forget to unzip) and follow along the videos in this [YouTube Playlist](#)

## Support

If you have any difficulties during the online week please write your questions to:

geotraining@uni-osnabrueck.de

**Monday to Friday at 3 pm CEST, we will also host a 1 hour Q&A session via Zoom** where we can discuss open questions, difficulties and go in depth about the topics of the day.

Join the Zoom Meeting here:

<https://uni-frankfurt.zoom-x.de/j/65181354169?pwd=VPE3OK2cnA1nt7CDvMqdafLHYIIKDP.1>

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