

**Advanced Course | CIBIO/InBIO**

Models in Invasion Ecology: Challenges and Applications

18th – 20th March 2019 – Vairão, V. Conde, Portugal

**Installation instructions for remote sensing software and r packages**

1. **Installing Orfeo Toolbox** (this software will be used for performing image segmentation)

* Go to <https://www.orfeo-toolbox.org/download/>
* Download the OTB installation file for your operating system (after download, confirm that you have a .zip file for Windows or a .run file for Mac OS or Linux-based systems).
* Unpack or install the downloaded file in any location with read/write/execute permissions.

1. **Installing R packages** (used for image classification)

If you have not installed R, go to CRAN for more instructions here: <https://cran.r-project.org/>

You also need to install RStudio. If you have not done that yet, go to the following page for downloads and more details: <https://www.rstudio.com/products/rstudio/download/#download>

Open RStudio. Open the following R script file in RStudio (attached to this e-mail message):

USE\_THIS\_TO\_INSTALL\_R\_PACKAGES\_InstallationScript-v1.R

Then select the code and click ‘Run’.

If you have any problem running these installation steps please contact me via e-mail:

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