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.

2. **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:

    João Gonçalves: joaofgo@gmail.com