

RETRIEVE AND PROCESS SATELLITE IMAGES TIME SERIES TOWARDS DATA ANALYSIS IN R

Manuel Montesino and Mehdi Moradi

Department of Statistics, Computer Science and Mathematics,
Public University of Navarre, Pamplona, Spain.

Part I (Manuel):

1. Introduction to RGISTools: reasons and overview (15:15 - 15:25)
2. Retrieving time-series: search and download (15:25 - 15:45)
3. Customising: mosaics and cropping (15:45 - 16:05)
4. Importing and visualising (16:05 - 16:15)

Part II (Mehdi):

1. Examples of time-ordered data with/without trend and change-point (16:15 - 16:25)
2. Hands-on practice with simulated data - vector/matrix (16:25 - 16:45)
3. Hands-on practice with real data (16:45 - 17:15)

<https://github.com/Moradii/Geomundus-2019>

- Militino, A. F., M .D. Ugarte, and M. Moradi. 2019. “Change-Point Testing Procedures for Spatio-Temporal Data.” In Preparation.
- Pérez-Goya, U., M. Montesino-SanMartin, A. F. Militino, M. D. Ugarte. 2019. “RGISTools: Downloading, Customizing, and Processing Time-Series of Remote Sensing Data in R.” In Preparation.

“ The process of learning never ends ... Let's enjoy it ”