Workshop: From data analysis to a consistent scientific narrative

Exploring ways to capture and comprehensively present the story behind the data

In this workshop, we will try to emphasize on how the procedure of data analysis can be efficiently presented in a scientific journal. Ideally, a small research team will be formed, consisting of 3-5 MSc or PhD students, with no or small experience in the making of a scientific paper. Group members are expected to work on each step of this procedure, involving the exploratory data analysis of a big, spatial, geophysical dataset; the identification and selection of its most significant features; the interpretation of the results; and finally the writing of the paper.

Duration: Three months, starting on 1st of March and subdivided in weekly 4-hour sessions (the exact day and time will be decided in the group's first meeting).

Prerequisites: ~~Excellent English writing skills, knowledge of advanced statistics, machine learning algorithms, object oriented programming and/or GIS scripting~~ Excitement about making a paper from real-world data (and some knowledge of *R* would be handy, but not necessary).

Maximum Capacity: 6 participants

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