

## **WuMapPy, an open-source software for geophysical prospection data processing**

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### **Résumé:**

WuMapPy is the outcome of successive software developments achieved since 1980's by the archaeological prospection group (Centre de Recherche Géophysique de Garchy and UMR 7619 Sisyphe, now Métis) for processing and interpretation of archaeological surveys (and also other Near Surface Geophysics observations or measurements). It is devoted mainly to the processing of magnetic, E.M. and resistivity data.

WuMapPy is an open-source and multi-platform software (completely rewritten in Python) to user-friendly display, process and georeference surface and sub-surface geophysical survey data. It can be used by anyone wishing to post-process geophysical datasets or just perform basic processing and display of the geophysical image in a mapping application.

A short description and tutorial of the former Wumap, as well as an English version of the software are still available at the following address:

<http://www.sisyphe.jussieu.fr/~jtabbagh/wumap.htm>

The new WuMapPy software development is being documented at the following address:

<http://wumappy.metis.upmc.fr/>