**“Sea current Py mapping v.1.0”: documentation file**

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## Acknowledgments

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## Description and references

“Sea current Py mapping v.1.0” (RSE SpA) is a minor tool, which reads a formatted ".nc" file from the free dataset of MetOcean-INGV at www.myocean.eu on daily mean current synoptic-scale velocity (of a given year) and provides the yearly average of the specific power flow of marine currents at the same scale (P=500(radq(u\_x^2+u\_y^2))^3. The output is both in binary and formatted ".vtk" file format.

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