

Open Position: Junior Data Scientist – Water resources

Hidromod works around water: In a time of increasing pressure on inland and marine water resources, continuous acquisition of knowledge of these systems' dynamics is fundamental. We aim to take this knowledge to clients, whether they are focused on energy, aquaculture, agriculture or coastal engineering.

Our inland water team is focused on making complex knowledge available to clients using: deterministic numerical models like SWAT, Mohid-Land, Modsim, and also stochastic machine learning approaches and data mining. Satellite data is the main input we are using both for numerical models and stochastic algorithms.

We expect you to take up the task of applying numerical models and/or stochastic algorithms, for projects in different parts of the world. It is a plus if you can contribute also for the coding of models and algorithms.

You will be working on

- Hydrology
- In-situ data
- Satellite data
- Planning of water resources
- Irrigation

Your work will include the following technologies

- SWAT, MOHID Land or similar;
- Python, R, Fortran or similar
- Excel, Access or similar;
- QGIS;

It will be a plus if you

- Have a degree in Engineering or similar (including an MSc or PhD);
- Have more than two years' experience;
- Have a proficient knowledge of Portuguese plus English, French and/or Spanish (written and spoken);
- Want to acquire new skills

The salary offer will depend on your experience.

Hidromod is a fully digital company, based in Taguspark, near Oeiras (Hidromod.com). We strive to provide training and a good working environment. We know that there is life beyond work: we encourage our employees to have a healthy work-life balance. We ask for commitment, responsibility and team work.

Send your CV to hidromod@hidromod.com with a motivation description.