

## Junior Data Engineer

Do you enjoy processing and analysing large climate datasets? Would you like to contribute to developing solutions to tackle climate change?

Inside Climate Service srl (ICS, <https://www.inclimateservice.com>) is seeking a **Junior Data Engineer** with up to 5 year experience to assist with our fast-growing climate and sector-specific (energy, water, etc.) data processing and delivery. The work will support various projects ICS is involved in (e.g. the [Copernicus Climate Change Service for the Energy sector](#)) and including the development of TEAL, an online visualisation tool for climate and other data (<https://tealtool.earth>) together with its underlying database and operational system.

### Responsibilities

- Retrieve, process and quality control large datasets
- Perform statistical analyses
- Produce derived datasets to be displayed by the TEAL tool
- Assist with the maintenance and update of operational climate service systems
- Collaborating with other team members and stakeholders, including providing user support

### Skills (Selection criteria)

1. Proficient with Unix/Linux environments and scripting languages (e.g. bash, Python, R, CDO, etc.) with preference for Python
2. Familiarity with statistical analyses
3. Familiarity with ML/AI approaches
4. [Desirable] Experience of using code versioning tools, such as Git
5. [Desirable] Experience with relational databases
6. [Desirable] Experience with Unix/Linux system administration

The **Junior Data Engineer** is offered as a **full-time** position, initially as a **one-year contract**, which can be renewed upon satisfactory performance. The place of work is Padova (Italy); however, teleworking can also be considered, with strong preference for Italy as the place of residence. The successful applicant will be offered a salary dependent on qualifications, experience and track record. This position offers a varied and interesting workload, in a highly stimulating environment.

ICS srl is an ambitious start up, spin-off of the University of Padova (<https://www.unipd.it>) and the World Energy & Meteorology Council (WEMC, <https://www.wemcouncil.org>). The innovative nature of Inside Climate Service stems from a blend of Academia and operational developments.

To succeed, you will have a strong interest in the technical implementation of climate data solutions together with a keen and proactive problem-solving attitude. You will also need to be a strong team-player, supporting, and working closely with, our team data engineers, software developers and external collaborators.

Additional information about ICS is available at: <https://www.inclimateservice.com>

For further information about this role and/or to apply to it, please email [alberto.troccoli](mailto:alberto.troccoli@inclimateservice.com) – at - [inclimateservice.com](https://www.inclimateservice.com). **Only complete applications (CV and cover letter, explaining how you meet the selection criteria) submitted via email will be considered.** The search will continue until the position is filled. Multiple positions may be covered.