

Open Postdoctoral Position

Salzburg, May 6, 2024

The Department of Geoinformatics at the Paris-Lodron University Salzburg (PLUS) offers a PostDoc position to support the Erasmus Mundus Joint Master programme in Earth observation (EO) research and teaching. The two-year full-time employment is set to start on September 1, 2024. In this post-doctoral academic qualification phase, we offer the opportunity to deepen the specific domain expertise. The position is offered for two years but can also be extended up to four years. It will be affiliated with the department's EO Analytics research group and the Erasmus Mundus "Copernicus Master in Digital Earth" postgraduate degree programme.

We are looking for a highly motivated and qualified postdoctoral researcher with an excellent track record in research and teaching in the field of spatial data science of the European Earth observation programme Copernicus. The candidate shall be willing to teach skills or concepts to international students and to collaborate in research and education projects. As a postdoctoral researcher, the candidate will develop the skills necessary for the next career steps and interact closely with faculty and MSc students through joint research projects and teaching. Candidates are selected by the head of the EO analytics research group and the academic coordinator of the Erasmus Mundus Joint Master programme.

Your tasks

- EO research support focusing on big EO data applications of free and open data archives such as Copernicus.
- Teaching innovation management and delivery of research driven education, which includes innovative, state-of-the-art course development and assessment, exam preparation and assessment, student mentoring and supervision, transfer of teaching and learning theories and methods.
- Quality assurance management of a joint European Master of Science programme.
- Joint Teaching and supervision coordination of the Erasmus Mundus programme.
- Innovation management for curricula and European (joint) Degrees.
- Active membership of the academic programme board, selection committee and coordinator of the programme's advisory council.

What we offer

- Collaboration in and for Earth observation research with a focus on the EU Copernicus programme.
- The translation of research into teaching with an international highly motivated student body.
- The possibility to acquire experience and skills in the management of international or European funded educational projects and research.
- The opportunity to learn from the department's international activities and to work in an international and highly motivated team.

- Highly sought after two to four years academic career qualification employment as a post-doctoral researcher.

Application requirements

- A completed PhD in Earth observation, geoinformatics, spatial data science, or a similar scientific field of study.
- Experienced in Python for EO research and development tasks (e.g. EO task automation, EO data cubes, machine and deep learning).
- An excellent command of written and spoken English.
- Demonstrated experience and excellence in teaching and student supervision.
- Interest on using artificial intelligence (AI) methodology for and in teaching environments.
- Demonstrated experience in teaching planning standards with the EO4GEO body of knowledge and course knowledge level descriptions with Bloom's Taxonomy.
- Demonstrated experience in research publications, conference presentations and academic self-organisation.
- Motivation to collaborate with international partners for a joint teaching quality assurance.
- Excellent soft and transferable skills such as interpersonal and leadership skills, project management and organization, research, and information management, teaching and supervision, self-management and work habits, written and oral communication.
- In addition, knowledge of basic German would be a plus.

Salary, working contract and working hours

Gross monthly salary (B1 lit. b): EUR 4.752,30 (14x per year) for full-time employment

- Planned start of employment: September 1, 2024
- Duration of employment: initially limited until August 31, 2026
- Employment in hours per week: 40 (full-time employment)
- Working hours: Mo-Fr by arrangement

Further information

- PLUS Department of Geoinformatics: <https://www.plus.ac.at/geoinformatik>
- EO Analytics lab: <https://www.plus.ac.at/geoinformatik/research/research-areas/eo-analytics/?lang=en>
- EMJM Copernicus Master in Digital Earth: www.master-cde.eu
- PLUS Welcome center: <https://www.plus.ac.at/personalentwicklung/welcome-center/?lang=en>
- Karriere an der PLUS: <https://www.plus.ac.at/personalentwicklung/jobportal/>

Application deadline and submission

Please submit your application, as one single pdf, until June 30, 2024 to Assoc. Prof. Dr. Tiede Dirk dirk.tiede@plus.ac.at. The application document must include the following information: a CV highlighting educational and professional background, PhD graduation certificate, publications and teaching references, a list of research projects, and a statement of interest describing how this position aligns with your career goals and why you would be an excellent fit for the position.

Contact

Assoc. Prof. Dr. Tiede Dirk

E-Mail: dirk.tiede@plus.ac.at

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