

# PostDoc (f/m/d) for Artificial Intelligence in Environmental Simulation for Climate-Adapted Planning

[VRVis](#), Austria's largest research institute for Visual Computing is looking for a skilled and creative mind!

We offer an open-ended position for a PostDoc (f/m/d) who will support our research and development of environmental simulations in the context of [practical climate-sensitive planning](#). The results will be integrated into the software [Visdom](#), VRVis' simulation software solution for decision support in climate change adaptation and disaster management.



You will join our [Integrated Simulations](#) R&D-team of highly motivated researchers and software engineers who enjoy finding innovative solutions in a constructive and friendly atmosphere.

## Your job

- Head the AI competence in the research group Integrated Simulations
- Accelerate simulations with data-driven and physics-driven AI in the microclimate and water domain
- Develop solutions to derive parameters from images and sensor data (photos, satellite imagery)
- Supervise PhD and Master students and publish own research results

## Your background

- PhD degree focusing on AI methods in mathematics, physics, environmental engineering, computer science, or a related field
- Experience in applying AI techniques to solve complex real-world problems
- Good programming skills
- Good knowledge of English in speaking and writing; German is appreciated, but not required

## Nice to have

- Understanding of computational fluid dynamics or microclimate modelling
- Knowledge of numerical schemes to solve partial differential equations

## Our offer

- Flexible working hours, home office option, well-equipped workplace
- Working on one of the most pressing challenges of our time, contributing to climate change adaptation and disaster management, by providing society with simulation tools for a better understanding of future scenarios and the impact of decisions to be made
- Location: Vienna / Austria, office easily accessible by means of public transport (U1 subway stop VIC)
- Salary according to collective labor agreement (IT-Kollektivvertrag) including bonus for 13<sup>th</sup> and 14<sup>th</sup> month (monthly full-time min. 3.455,- EUR) **with overpay** depending on qualification and previous professional experience
- Supportive atmosphere in an inclusive team

## Application

Please forward your application documents to Franziska Steyer-Beerman via e-mail to

[fsb@vrvis.at](mailto:fsb@vrvis.at)

VRVis being an equal opportunity employer would like to counter the lack of female researchers in the visual computing field. Therefore, we highly encourage female candidates to apply.

