

Postdoctoral Research Associate in Adaptive Water Resources Planning

The [Fletcher Lab](#) at Stanford University invites applications for a **Postdoctoral Research Associate**. The candidate will work with Prof. Fletcher to develop a research project in the area of **adaptive water resources planning under uncertainty** that advances their professional goals. Additionally, the candidate will mentor graduate students, contribute to collaborative projects, and participate in leadership of the lab. Possible topics include but are not limited to:

- Planning storage infrastructure for managed aquifer recharge
- Dam reoperation and retrofitting for hydropower production in a changing climate
- Water supply planning and distributional equity
- Impacts of climate predictability on water resources planning

Required Application Materials:

- Cover letter describing your relevant experience and interests and how they align with the Fletcher Lab's research areas
- CV
- A sample publication or preprint
- List of 2-3 references

To apply, please submit the required application materials in a single PDF file. Please title your email as "Fletcher Lab Postdoc Application" and send the PDF to Geoff Tuttle at gwtuttle@stanford.edu. Applications will be reviewed on a rolling basis until the position is filled.

Desired Qualifications

We seek applicants from a diverse range of backgrounds; please consider applying even if you only meet some of the following desired qualifications:

- Completed or finishing a PhD in civil and environmental engineering, systems engineering, or other relevant discipline
- Expertise in computational systems modeling methods such as: simulation, optimization, machine learning
- Research experience in water resources
- Experience and interest in mentoring students
- Excellent oral and written communication skills
- Strong project management and organization skills
- Commitment to advancing equity and justice in research and professional activities

Preferred start date is Fall 2022 or Winter 2023 for a 2-year appointment. The salary is \$70,000 and Stanford offers a range of [benefits](#) for postdocs including [transitional housing](#). Please feel free to reach out to Prof. Sarah Fletcher (sfletcher@stanford.edu) or any current [Fletcher Lab member](#) with questions.