



Hydrosystem & Hydroinformatics Research (HHR) group at Clemson University is looking for two talented Ph.D. students to work on recent funded projects. The successful candidates will start in Fall 2021 or Spring 2022. The positions include graduate assistantship commitment that covers the tuition and pay the competitive stipend for the entire Ph.D. program. Additional awards and travel grants will be also available through Clemson graduate program and may be awarded to outstanding candidates. The positions are described below.

Position 1. Advanced Cyberinfrastructure Development: The successful candidate is expected to work on end-to-end cyberinfrastructure and data integration workflow development to address multi-disciplinary and cross-domain scientific objectives. Publication record, strong programming and analytical background, and prior experience in applied engineering research are preferred qualifications. Potential MS student will be also considered.

Position 2. Urban Water Resources Modeling: The successful candidate will conduct research on hydroinformatics tools development for urban water modeling research activities and outreach program. Publication record, strong programming and analytical background, and prior experience in surface water modeling research are preferred qualification.

Deadline: April 30, 2021.

We particularly encourage applications from women, disabled, and minority ethnic candidates. Interested students are encouraged to submit their package (CV, research interest, career plans after graduation, and references) as a single PDF file to Dr. Samadi at samadi@clemson.edu.

Clemson University has the highest Carnegie research designation (R1), and recently completed its Clemson Forward plan with strategic focus on advancing our doctoral programs and strengthening our research and scholarly impact while still preserving the outstanding signature undergraduate experience that is at the heart of Clemson. Clemson Forward has at its core the mission being a model for the 21st Century land grant university. South Carolina's highest-ranked national university is located at the foot of the Blue Ridge Mountains and surrounded by Lake Hartwell and the Clemson Experimental Forest. A top-25 public university with a reputation for excellence, Clemson University provides a hands-on education — in the lab, in the classroom, and in the field. Academic programs lay the groundwork for innovative research, and real-world experiences carry forward to rewarding careers. This strikingly beautiful campus enjoys a temperate and pleasant climate.