



Funded Ph.D. Position in Ecohydrology at South Dakota Mines

Dr. Edson Costa-Filho is seeking an extraordinary student to join his lab to pursue a Ph.D. degree in Civil and Environmental Engineering. The selected student will work on a cutting-edge project related to developing a hybrid approach to estimate ecosystem surface resistance in the Penman-Monteith model for actual crop evapotranspiration.

Who Should Apply?

- Students with B.Sc. and M.Sc. degrees in Civil or Environmental Engineering (or closely related field) prior to Aug/2026.
- Students with a strong interest and background in ecohydrological modeling, high-resolution satellite remote sensing, and environmental engineering.



Project Timeline and Benefits

- **Start Date:** August/2026
- **End Date:** May/2030
- **Benefits:** Monthly stipend and tuition remission.

Qualifications

Programming Language and Computer Skills:

Python, R, MATLAB, ArcGIS, QGIS, or similar.

Ideal Candidate:

Great communicator, problem-solver, resilient, and fluent in English.

How to Apply?

Submit your application here:
<https://form.jotform.com/260148838849169>

Deadline for submission: March 1, 2026.

Note: Review of applicants will happen on a rolling basis. Only top candidates will be contacted for a Zoom interview.



CONTACT INFO

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