

## PhD Position in Modeling Socio-Political Aspects of the Energy Transition

### **Summary:**

Dr. Wei Peng's lab (<http://www.weipengenergy.com>) at the Penn State University is seeking one motivated PhD student beginning Fall 2023.

We are looking for candidates to contribute to the projects on:

- Quantitatively assess the impacts of socio-political considerations on decarbonization
- Represent real-world climate policy choices and competing societal objectives in integrated assessment models

Successful applicants will work primarily with Dr. Peng, with opportunities to collaborate with other faculty and researchers within and outside Penn State. This position will be fully funded (tuition plus stipend).

### **Qualifications:**

Students with strong quantitative backgrounds and an interest in policy applications are particularly encouraged to apply. Prior knowledge on energy system modeling, integrated assessment modeling, techno-economic analysis is preferred but not required.

### **Application process:**

Please apply through the PhD program in Environmental Engineering in the Department of Civil and Environmental Engineering.

*Applicants are strongly encouraged to contact Dr. Peng before applying ([weipeng@psu.edu](mailto:weipeng@psu.edu)).*

Please include the following information in the email: a) your academic CV, b) a brief summary of research experience and skills, c) how would you contribute to this project and the group.

For Fall 2023 start date, applying before December 2022 is preferred for full financial consideration including university and college-level fellowships. However, applications will continue to be considered in the spring until the position is filled.