Stanford



Veda Sunkara

Ph.D. Student in Environment and Resources, admitted Autumn 2024

Bio

BIO

Veda Sunkara (she/her) is an E-IPER PhD student interested in studying disaster adaptation approaches and equity in outcomes for flood-prone communities in the face of increasing extremes due to climate change. Prior to starting her PhD, she worked as a Senior Machine Learning Engineer at Floodbase (formerly Cloud to Street), where she built machine learning algorithms to create flood maps from remotely-sensed imagery, in-situ sensors, and physics-based models for disaster planning and parametric flood insurance. She seeks to combine her earth observation and machine learning expertise with community-centered research to co-develop the data necessary to enable long term adaptation and resilience to flooding. She holds a B.S. and M.S. in Computer Science from Brown University.

EDUCATION AND CERTIFICATIONS

- MS, Brown University , Computer Science (2020)
- BS, Brown University , Computer Science (2019)