

Contact

amohegh@gmail.com

[LinkedIn Profile](#)

[Personal website](#)

Top Skills

Python · R · MATLAB · Machine-Learning · Statistics · SQL · Data Analysis · Data Mining

Soft Skills

Critical thinking · Delivering under pressure · Adaptability · Team work · Communicating efficiently ·

Accomplishments

[See all](#)

3 Projects · 2 Languages

Selected courses

Machine Learning · Business and Environmental Sustainability · Environmental Risk Analysis · Energy and the Environment

Personal hobbies

Camping · Table tennis

Arash Mohegh

Graduate Research Assistant at University of Southern California

Los Angeles, California

Summary

As a PhD candidate in environmental engineering, I get to do impactful research that shapes the future of urban areas. I work with programming languages such as Python and MATLAB to apply statistical models to environmental problems. My main focus is urban climate and I have participated in multiple projects that are being/will be used as policy guidelines in California.

Experience

Graduate Research Assistant · University of Southern California

September 2013 - Present

- Understanding the underlying causal effect relationship between land cover properties and urban heat islands using deep learning
- Studying the urban heat island effect in Los Angeles using ground observation
- Investigating the effects of solar reflective pavements on climate of California

Graduate Teaching Assistant · University of Southern California

September 2013 - Present

Environmental and Regulatory Compliance course

Graduate Teaching Assistant · Sharif University of Technology

September 2011 - May 2013 (1 year 9 months)

Summer Internship · Mahab Ghodss Consulting Engineering Company

June 2011 - August 2011 (3 months)

Learned a lot about work ethics, difference between academia and industry, and also designing dams!

Education

University of Southern California

Doctor of Philosophy (PhD), Environmental/Environmental Health Engineering · (2013 - 2018)