

Qinling Li

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EDUCATION

MASTER OF ENVIRONMENTAL MANAGEMENT, ENERGY AND ENVIRONMENT *May.2019(expected)*

Nicholas School of the Environment, Duke University, Durham, NC

Related courses: Energy Systems Modeling, Electricity Markets, Applied Data Analysis, Time Series Analysis

BACHELOR OF SCIENCE, Atmospheric Science *Jun. 2017*

College of Oceanic and Atmospheric Sciences, Ocean University of China, Qingdao, China

Related courses: Visualization of Oceanic and Atmospheric Data, Programming with Fortran Language, Application of Meteorological Statistics

RESEARCH & PROJECT EXPERIENCE

The daily changes of PM_{2.5} and its relationship with other key air pollutants in Beijing from 2014 to 2017

Group Project, Duke University, Durham, NC

Oct. 2017 - Dec. 2017

- Conducted systematic review of existing literature
- Developed an eye for detail by collecting and analyzing raw data
- Practiced R skill by compiling, analyzing and summarizing data
- Promoted logical thinking by exploring the relations of multiple variables in the dataset

Energy use in buildings across Duke campus

Group Project, Duke University, Durham, NC

Sept. 2017 - Nov. 2017

- Consolidated and strengthened the knowledge of energy use by determining the distribution of energy use in buildings across Duke campus
- Compiled the energy efficiency and calculated costs to locate potential difference in energy savings
- Practiced communication skills by presenting the poster to professors and classmates

Research on Marine & Meteorological Science along the Coast in Shandong Province

Research Assistant, Ocean University of China, Qingdao, China

May.2016 - Jul. 2016

- Learned the skill to conduct a survey by designing survey of multiple sets of questions targeting on various regions, occupations and backgrounds
- Practiced communication skills by popularizing knowledge of meteorological disaster prevention and mitigation, and solution for climate extremes and disasters

Impact of Arctic Sea Ice Changes on Regional Climate

Research Assistant, Ocean University of China, Qingdao, China

Nov. 2014 - Nov. 2015

- Practiced MATLAB skill by conducting data analysis for Barents Sea
- Promoted critical thinking by analyzing the cause of anomalous behavior with proposed influential factors on the premise of in-depth interpretation to sea ice change history applying principle of statistics.
- Developed teamwork spirit by cooperating with group members to finish the research together

LEADERSHIP AND EXTRACURRICULAR

Public Relations Group Leader, Chinese Environmental Scholar Forum 2018

Sept. 2017 - present

- Contacting the faculty in Duke University to seek for support, the professors and scholars in the U.S. and China studying environmental issues to invite them to attend the conference
- Searching for sponsor and dealing with the request for cooperation
- Contacting the media for publicity and reporting

Group Leader, Exchange Delegate of Ocean University of China

Aug. 2014

- Contacted school official to schedule a 5-day study exchange campaign
- Led 18 participants to visit 4 famous school in Hong Kong
- Organized seminars with local students, especially for expertise in environmental science

SKILLS AND LANGUAGES

Skills: Microsoft Office (proficiency in Excel), **R Studio, MATLAB, Fortran, GrADS**

Languages: English (proficiency), **Chinese** (native speaker)