

Man Liu

32 S Huntington Ave, Boston, MA 02130 | (617)971-6078 | mal5482@mail.harvard.edu

EDUCATION

Harvard T.H. Chan School of Public Health

Boston, MA, US

M.S and prospective Ph.D. in Environmental Health

Aug 2016 - May 2021 expected

- ♦ Field of interest: Air pollution, Biostatistics, Epidemiology, Corporate Finance, Healthcare Marketing Strategy
- ♦ GPA: 3.9/4.0

Tsinghua University

Beijing, China

B.Eng. in Environmental Engineering

Aug 2012 – July 2016

- ♦ Member of the Global Environmental Program, a multi-disciplinary study program of SOE (including Environmental Engineering, Economics, International Relationship)
- ♦ Overall GPA: 3.66/4.0 Major GPA: 3.8/4.0

Venice International University

Venice, Italy

Exchange Student of Globalization Program

Feb 2015 - May 2015

- ♦ GPA: 90/100

RESEARCH EXPERIENCE

Harvard T.H. Chan School of Public Health

Boston, MA

Research Assistant, Department of Environmental Health

Aug 2017 – Present

- ♦ Assessed the association between prenatal radon exposure and birth weight of neonates using statistical models with in retrospective cohort of Massachusetts of year 2000 to 2015
- ♦ Conducted dose-response analysis for radon exposure and its effect on birth outcomes
- ♦ Predicted SO₂ plume movement and receptors' concentration in Rochester using AERMOD

Tsinghua University

Beijing, China

Primary Researcher, School of Environment

Sept 2015 – June 2016

- ♦ Collected data on water consumption and pollution load of water environment (nitrogen and phosphorus)
- ♦ Built a pressure-response model to reflect the relationship between water pollutants and water consumption of this area, and quantified the water environment pressure brought by water pollutants
- ♦ Provide scenario analysis on the reduction of pollutants under different water quality requirements

Duke University

Durham, NC

Primary Researcher, Nicolas School of The Environment

Jun 2015 - Sept 2015

- ♦ Digitally mapped the roads in protected areas in Southeast Asia based on Global Roads database and World Database on Protected Area, using Google Earth and Geographic Information System tools
- ♦ Concluded that road density varies greatly between different protected areas, reflecting different levels of human activities as well as human impact, providing fundamental data for further policy making

INTERNSHIP EXPERIENCE

The Nature Conservancy (TNC)

Beijing, China

Intern, Science and Policy Center

Sept 2015 – Dec 2015

- ♦ Gathered information on the historical development and present situation of protected areas around the world and particularly in China, and predicted the development trend of protected areas in the future

National Center for Climate Change Strategy and International Cooperation (NCSC)

Beijing, China

Summer Intern, Department of International Cooperation

Aug 2014 - Sept 2014

- ♦ Summarized data on the economic conditions, energy consumption and GHG emissions of Japan, and analyzed its climate change policy, international relationship, and its position in the UN climate change negotiation

SKILLS & INTERESTS

- ♦ **Computer skills:** SAS, STATA, R, AERMOD, PMF, QGIS, ENVI, Google Earth, Microsoft Office
- ♦ **Languages:** Mandarin (Native), English (Fluent), Cantonese (Fluent)