



GEOG 4990/5990 (Special Topics): Urban Climate & Air Quality

Spring 2021

Instructor: Ben Crawford

Date & Time: TH 2:00PM—4:45PM (via Zoom)

Cities around the world are growing rapidly and currently more than 80% of all Americans live in urban areas. Although cities can provide tremendous economic and environmental efficiencies, poor urban air quality and extreme temperatures remain a global public health burden that contribute to millions of premature deaths each year. This course explores the physical processes by which cities and urbanization alter energy, water, and geochemical cycles to create a range of unique micro-climates with implications for our health & comfort, environmental justice, and sustainable urban design.



Department of Geography
& Environmental Sciences

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