

Paula Suzanne Satcher

CONTACT INFORMATION	Department of Geography and Atmospheric Science University of Kansas 214B Lindley Hall 1475 Jayhawk Blvd. Lawrence, KS 66045-7613, USA Email: psatcher@ku.edu
RESEARCH INTERESTS	Land-atmosphere interactions in urban environments, variations in surface energy flux partitioning resulting from differences in urban morphology, using remote sensing techniques to evaluate the impact of human settlements on regional climates
EDUCATION	M. S. , Atmospheric Science, anticipated 2017 University of Kansas, Lawrence, KS, USA Advisor: Nathaniel A. Brunsell B. S. , Atmospheric Science, 2015 University of Kansas, Lawrence, KS, USA
PROFESSIONAL EXPERIENCE	Graduate Research Assistant , June 2015 - Present Department of Geography and Atmospheric Science, University of Kansas, Lawrence, KS, USA Collaborative Research EaSM2: Linking Human and Earth System Models to Assess Regional Impacts and Adaptation in Urban Systems and their Hinterlands (PI: B. O'Neill, NCAR; Co-PI: N. A. Brunsell, University of Kansas). Atmospheric Science Technician , May 2014 - September 2014 Department of Geography, University of Kansas, Lawrence, KS, USA System for Integrated Modeling of Metropolitan Extreme Heat Risk (SIMMER) (PI: O. Wilhelmi, NCAR; Co-PI: N. A. Brunsell, University of Kansas).
HONORS AND AWARDS	Undergraduate Research Award , University of Kansas, Spring 2015 "Evaluating the accuracy of the inclusion of the anthropogenic heat flux in a numerical model simulation"
SERVICE	Vice President , Graduate Student Organization, 2016-2017 Department of Geography and Atmospheric Science, University of Kansas, Lawrence, KS, USA

Atmospheric Science Graduate Student Representative, January 2016 - present
Department of Geography and Atmospheric Science, University of Kansas, Lawrence, KS, USA

PRESENTATIONS **P. S. Satcher** and N. A. Brunsell (2016): The Role of Local Climate Zones in Urban Heat Island Studies, EaSM2 Summer Meeting, National Center for Atmospheric Research, Boulder, CO.

P. S. Satcher and N. A. Brunsell (2016): Using Google Earth Engine to classify local climate zones and surface energy balance in Brazil, EaSM2 Annual Project Workshop, National Center for Atmospheric Research, Boulder, CO.

PROFESSIONAL ORGANIZATIONS **American Geophysical Union**, 2016 - Present
American Meteorological Society, 2013 - Present
International Association for Urban Climate, 2015 - Present