

Jin Ho Jo
CURRICULUM VITAE

PhD Student
School of Sustainability, Arizona State University
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Engaged Areas of Interest

Urban Biocomplexity and Systems Approaches to Climate Change Mitigation
Thermal Storage and Radiative Characterization of Materials for Urban Sustainability
Regional Application of Building Integrated Photovoltaic Systems

Academic Preparation

ARIZONA STATE UNIVERSITY, Tempe, AZ (Aug 2007- Current)
Pursuing Ph.D. in Sustainability

COLUMBIA UNIVERSITY, NY, NY (Aug 2005- May 2007)
Master of Science in Urban Planning

PURDUE UNIVERSITY, West Lafayette, IN (Aug 2000-Dec 2004)
Bachelor of Science in Building Construction Management (Honors)

Employment

Arizona State University, Research assistant (Aug 2007- Current)
The National Center of Excellence

Columbia University, Research assistant (May 2006-Sep 2006)
Analyzed air quality in Brooklyn, NY
GIS mapping and Data Base management

Purdue University, Grader and professor assistant (January 2003-May 2004)
Grade homework and lab assignments for the construction statics class
Professor Assistant

Academic and Professional Honors

Dean's List at Purdue University (Fall 2001, Spring 2002 and Spring 2004)
Semester honors at Purdue University (Fall 2001, Spring 2002, Spring 2003 and Spring 2004)
The National Dean's List (Spring 2004)

Honorary Societies and Activities

Member of APA (American Planning Association)
Member of Sigma Lambda Chi (International Construction Honor Society)

Fellowship and Awards

Research Assistantship, School of Sustainability, 2007-2008
Arizona State University

Research Assistantship, The National Center of Excellence, 2008-2009
Arizona State University

Publications

Published / Accepted Refereed Journal Articles

Jo, J., J.S. Golden, and S. W. Shin (2009). *Incorporating Built Environment Factors into Climate Change Mitigation Strategies for Seoul, South Korea: A Sustainable Urban Systems Framework*. Special Issue- Climate Change and Human Settlements: The Mitigation/Adaptation Conundrum. *Habitat International* Vol. 33, pp. 267-275.

Submitted / Finalizing for submittal

Jo, J.H., J.D. Carlson, J.S. Golden, and H. Bryan (2009). *An Integrated Empirical and Modeling Methodology for Analyzing Solar Reflective Roof Technologies on Commercial Buildings*. *Building and Environmental* (Submitted, April 2009)

PRESENTATIONS

Conference Presentations

Jo, J., J. Carlson, H. Bryan, and J. Golden (2009). Quantifying the Direct and Indirect Benefits of a 'Cool' Roof Renovation Project in Hot Arid Climate Zones, American Meteorological Society UrbEnv Symposium – January 2009

Jo, J., H. Bryan, and J. Golden (2009). Evaluating the Environmental and Financial Benefits of a 'Cool' Roof System in Hot Arid Climate Zones. Energy and Environment Conference – February 2009

Invited Talks

The Focus the Nation, January 31st, 2008

The Korea Sustainable Building Research Center, December 27th, 2007

Posters

Jo, J., and J.S. Golden (2007). Sustainability Implications from the Rapid Urbanization and Altering Built Environment of Seoul, South Korea. 1st Climate Change & Human Health

Vulnerability Conferences (US EPA, US CDC, NOAA and ASU). Tempe, Arizona November 14-16, 2007

Jo, J., H. Bryan, and J. Golden (2009). Evaluating the Environmental and Financial Benefits of a 'Cool' Roof System in Hot Arid Climate Zones. Energy and Environment Conference – February 2009

Jo, J., H. Bryan, and J. Golden (2009). Evaluating Regional Application Potential of Building Integrated Photovoltaic (BIPV) as an Intervention Strategy for Energy Related Vulnerabilities in the Phoenix Metropolitan Area, Energy and Environment Conference – February 2009