

**TRACK NAME**

Landscape Architecture in Sustainable Environments - ASLA

SESSION NAME

Outdoor Comfort and Climate Change

DATE + TIME + ROOM NUMBER

Friday September 5th – 11:10am – 102C

SESSION DESCRIPTION

Design for Outdoor Thermal Comfort: A Rational Response to Climate Change and the Urban Heat Island Effect

- Tools and methods for assessing climate and comfort potential in site specific urban settings
- Thermal properties of materials and their impact on human thermal comfort of outdoor spaces.
- Case study for Phoenix's form base zoning program applying thermal comfort theory to urban design

PRESENTER(S)

Martin Yoklic MLA, LEED AP, Research Faculty, Environmental Research Laboratory at University of Arizona

Harvey Bryan, Professor in Architecture and Environmental Design at Arizona State University

Akram Rosheidat, PHD Candidate in Architecture and Environmental Design at Arizona State University

PRESENTER BIOGRAPHY (s)**Martin Yoklic**

Martin Yoklic's research interests include outdoor human thermal comfort, site scale water management systems, drought and salt tolerant landscapes, and bioremediation. His planning work incorporates this research to support the ecological and bioregional basis for the development of more sustainable communities. He has cultivated his management skills in project programming and organization for community and land development planning including project implementation.

Akram Rosheidat

Akram is currently a Ph.D. student at the College of Design at Arizona State University. He is also a practicing architect and a partner at MRT Design LLC. in Phoenix. He received his B. Arch. from the University of Tennessee in Knoxville and his M. Arch. from the University of Arizona in Tucson. His current research is focused on outdoor thermal comfort in hot arid environments.

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