

COURTNEY CROSSON

Assistant Professor, School of Architecture, University of Arizona
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a) Professional Preparation

Duke University	Durham NC	Art History	BA 2004
Yale University	New Haven CT	Architecture	M.Arch 2010

b) Appointments

2016-present	Assistant Professor , Architecture	University of Arizona	Tucson AZ
<i>Additional Title:</i>	Assistant Professor, Global Change Interdisciplinary PhD Program (2017-present)		
2012-2016	Senior Sustainability Consultant	BuroHappold Engineering	Los Angeles CA
2010-2012	Designer + Sustainability Consultant	Foster + Partners	Hong Kong China
2009	Designer + Project Manager	MUF Architecture Art	London UK
2007-2008	Lead Designer + Project Manager	Duke University	Muhuru Kenya
2004-2005	Researcher	United Nations Habitat	Nairobi Kenya
2003	Researcher	Multiplicity + Boeri Architects	Milan Italy

c) Publications and Significant Products

(i) Five closely related to proposed project

2018	Crosson, Courtney. "Innovating the Urban Water System: Achieving a Net Zero Water Future Beyond Current Regulation." <i>Technology Architecture+ Design</i> 2, no. 1 (2018): 68-81.
2018	Crosson, Courtney and D. Tong. "Rainwater as Potential Resource for Water Independence in Tucson's Communities." <i>Making Action Possible for Southern Arizona</i> . University of Arizona, 2018.
2018	Crosson, Courtney. Net Zero Water System Diagrams in A. Kwok and W. Grondzik, <i>The Green Studio Handbook</i> . New York: Routledge.
2017	"Rainwater as Potential Resource for Water Independence in Tucson's Communities" Making Action Possible (MAP) Grant UA Economic and Business Research Center Principal Investigator (\$7,500)
2016	Crosson, Courtney. "Achieving Net Zero Water in Severe Drought Prone Areas: A Case Study of Catchment, Storage, and Infiltration Optimization." <i>Procedia Engineering</i> 145 (2016): 782-789.

(ii) Five other publications or significant products

2018	"Practice and Leadership (National) Award" Association for Collegiate Schools of Architecture (ACSA) and American Institute of Architects (AIA) National award to recognize highly effective teaching, scholarship, and outreach
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- 2018** “Urban Transportation System Flood Vulnerability Assessment with Special Reference to Low Income and Minority Neighborhoods” | Small Starts Grant | National Institute of Transportation and Communities (NITC) | **Principal Investigator** (\$20,000)
- 2018** “Multi-use Basin Study for Christmas Wash, Alamo Wash, and Ruthruff Basin” | Pima County Regional Flood Control District and City of Tucson | **Principal Investigator** (\$10,000)
- 2017** “President’s (National) Award” | Association for Environmental Studies and Sciences (AEISS) | National award for educational and environmental collaboration and excellence
- 2017** “Rainwater as Historic Resource for Native Food Systems in Tucson’s Food Desert Communities” | Faculty Seed Grant | UA Office of Research, Development, and Innovation | **Principal Investigator** (\$10,000)

d) Synergistic Activities

- 2019-2022** National Board Member | Association for Collegiate Schools of Architecture (ACSA): set research and scholarship guidelines and support for academic architecture community (elected)
- 2017-present** Pima Water Urbanism: leader of a partnership between City of Tucson and Pima County staffs to design multi-use basins for Tucson’s Green Infrastructure initiative (2017-present)
- 2017-present** University of Arizona Center for Climate Adaptation Science and Solutions (CCAS): Associate (invited)
- 2017-present** University of Arizona Water, Society, and Policy (WSP) program: Executive Committee member (invited)
- 2016-present** Downtown Tucson 2050 Vision: leader of a multi-year, funded partnership between private practice and City of Tucson and Pima County staffs to project future growth and resource use, design net zero energy and water infrastructure for 2050, and vision master plans for downtown neighborhoods

Collaborators and Other Affiliations

Daoqin Tong, School of Geographical Sciences and Urban Planning, Arizona State University
 AIA, Registered Architect, Arizona registration number 58857 (2014-present)