

## **Jeffrey Raven, FAIA, LEED AP BD+C**

Raven Architecture + Urban Design LLC.

Associate Professor / Director, Graduate Program in Urban + Regional Design, NY Institute of Technology  
*Co-Chair of the American Institute of Architects Planning & Urban Design Committee - New York Chapter*

## **Education**

MSt, Interdisciplinary Design for the Built Environment, Cambridge University, England, 2010

BArch, Architecture (Professional Degree), 1987

BFA, Rhode Island School of Design, 1986

B.A., History, Trinity College, Hartford, CT., 1984

## **Licenses**

Registered Architect: New York 023141-1; New Jersey 21AI01544100

LEED Professional: LEED BD+C; GBCI# 65300; 1/3/14

## **Academic Experience**

New York Institute of Technology, Associate Professor / Director, Graduate Program in Urban and Regional Design, Sept 2012-current

Columbia University, Adj. Assistant Professor, Master of Science in Architecture + Urban Design, Spring 2009-Spring 2011

Cooper Union Continuing Education / New York Times Knowledge Network. Accredited certificate program in Green Building Design from The Cooper Union's Department of Continuing Education. The course became web-based via the global *New York Times* platform, 2007-2014

## **Professional Practice**

RAVEN Architecture + Urban Design LLC, Owner/Principal: 2010-present;

Louis Berger Group, Director - Sustainability + Urban Design; Berger Group Holdings: 1996-2010

Regional Plan Association, Downtown Brooklyn Development Project, Director, New York: 1994-95

BFJ Planning, Buckhurst Fish Jacquemart / Hutton & Katz, Inc., Senior Planner, New York: 1993-94

Bronx Center, South Bronx, Project Coordinator, Community-based planning, New York: 1992-93

Atelier Gérard Grandval, Architecte/Urbaniste, Paris, 1991

Vollmer Associates, Engineers, Architects, New York, 1989-1990

Farrell, Bell & Lennard, Architects, New York, 1987-1988

## **Publications**

*Rapport de Soutenance du Jury : Thèse de Doctorat de Sciences de l'Information et de Communication de G. de Kerret ; Professeurs M. Regourd. A. Gryspeerdt, V. Brunetiere, J. Raven; Université Paris 8, 2106.*

*Climate Change and Cities: COP21 Climate Summit for City Leaders*, Rosenzweig, C., W. Solecki (ed.); Jeffrey Raven (Coordinating Lead Author); Urban Climate Change Network, Earth Institute, Columbia University, New York, 2015.

Raven, J. *Shaping Resilient Cities in China, India and the United States*, Gaborit, P. (ed.), European and Asian Sustainable Towns, PIE Peter Lang SA, Brussels, 2014.

Raven, Jeffrey. *Cooling the Public Realm: Climate-Resilient Urban Design* · Resilient Cities (2011) 1: 451-463, 2011. Cities and Adaptation to Climate Change - Proceedings of the Global Forum 2010, Series: Local Sustainability, Vol. 1, Otto-Zimmermann, Konrad (Ed.), 2011, XLIV, 576 p.

Raven, J. *Cooling the Public Realm: Climate-Resilient Urban Design*, Hebbert, M., Jankovic, V., Webb, B. (ed.), *City Weathers*, Manchester Architecture Research Centre, University of Manchester; ISBN: 978-1-907120-98-5; 2011 Manchester Architecture Research Centre (MARC), 2011. <http://www.sed.manchester.ac.uk/research/marc>

*STAR Community Rating System 1.0: Sustainability Tools for Assessing and Rating Communities*, STAR Communities, Washington DC, 2012. Technical Advisor for three years to develop a national sustainability and resilience rating system, now adopted by twenty American cities, 2008-2013.

Raven, J. *Belfast Plan for the Gasworks Site; Scope: A Review of Northern Ireland*, 1987.

## Publication in Progress

*Assessment Report on Climate Change in Cities (ARC3-2)*: Raven is Coordinating Lead Author to this international publication by the Urban Climate Change Research Network (UCCRN) - to help cities around the world address the causes and consequences of climate change (Cambridge University Press). A summary report was presented at COP21 Paris and the manuscript was presented at UN Habitat 3 in Quito, Ecuador in October 2016. The final publication is expected by early-2017.

Spector, C. and Raven, J. Community/Urban; Local Economy and Government. Horton, R., Solecki, W., Rosenzweig, C. (ed) *Climate Change in the Northeast: A Sourcebook*, Draft Technical Input Report Prepared for the US National Climate Assessment.

McKinsey and Company, *Unlocking the Value of Green Districts: Developing a Business Case*, External Expert.

## Workshops, Presented Papers, Lectures

*Toward Developing a Blueprint for Sustainable and Resilient Infrastructure*, International Conference on Sustainable Infrastructure (ICSI), invited and sponsored by the US National Science Foundation as speaker and panelist, Shenzhen, China, 2016.

*Convening Design and Semiotics to Build Visual Identity for Museums and Urban Districts*, panelist at the AIA New York State annual convention, Saratoga, 2016.

*Socio-Semiotics and Research-Action Approach to the Visual Identity of Museums in Paris and New York*, As Doctoral Thesis Juror, Raven delivered a detailed verbal and written response and exchange with the doctoral candidate and fellow jury, Universite Paris 8, 2016.

The South Bronx: Seeds for Urban Transformation – How Policy, Planning & Design Shape New York Neighborhoods; Annual Conference ASLA-APA-AIA, Moderator and Panelist, 2016.

*A Critical Climate Change Debrief: COP21, Paris* at the NYC Center for Architecture; speaker and panelist with Tom Vonier (AIA national president), Andrew Revkin (NY Times), Tom Dallassio (Next City), 2016.

*Heat Waves: Preparing for and Managing the Effects of Extreme Heat on Cities*; NYC Center for Architecture, 2016.

*The Road from Paris*, Pratt Institute Program for Sustainable Planning and Development Lecture Series directed by Ronald Shiffman FAICP, 2016.

*Sustainable Megacities: US-China EcoPartnership Forum*, Beijing; Panel Chair/lecturer. Led by New York Institute of Technology and Peking University; co-funded by the US National Science Foundation, 2015.

*Urban Transitions in the Face of Climate Change*: Raven lectured and was a panelist at a COP21-labelled event in Paris, France on *Urban Transitions in the Face of Climate Change*, 2015.

*The Assessment Report for Climate Change in Cities*, International Conference on Urban Climate (ICUC9) at a COP21-labelled event in Toulouse, France, 2015.

*Cooling the Public Realm: Climate-Resilient Urban Design*. Plenary event at the NYC Center for Architecture, with focus on current practice and applied research in climate-resilient urban design, 2015.

*Columbia University Sustainability Media Lab: Resilient New York- Architecture and Urban Planning in the Face of Climate Change*; Lecturer and panelist, 2015.

*EcoDistricts Global Protocol*: Raven is an Advisory Committee member developing a global Protocol for EcoDistricts. Seven North American EcoDistrict Target Cities are underway, 2014-15.

*The National Science Foundation- Carbon Footprint Metric in collaboration with the AIA*: Focus group member for Building Information Modeling (BIM)-integrated Carbon Footprint Metric (CFM) tool, 2014.

*The Atlantic Roundtable-Rockefeller Foundation*: Panelist for the Healthy Cities forum, New York, 2013.

*International Conference on Urban Climate (ICUC)*, international forum where the world's urban climatologists, presented *Resilient Architecture + Urban Design*, 2012.

*City Weathers Workshop*, Manchester England, presented *Cooling the Public Realm: Climate-Resilient Urban Design*. It was republished in [City Weathers](#), Manchester Architecture Research Centre, 2011.

*Benchmarking Resilience*, Raven was a member of the Advisory Panel for the Resilient Design Institute (RDI), New York, 2013.

*Project EAST- Euro-Asian Sustainable Towns*, Raven's three-year collaboration as technical expert with Chinese, Indian and European officials and urban experts through Project EAST, 2014.

*Project EAST / China-Europa Forum: Sustainable Development Facing Climate Change* Presenter and Session Moderator, Paris and Brussels, December 2014.

*China International Urbanization Forum*: Served on a panel of international experts applying best practices to rapidly urbanizing cities in China, as part of the EU-sponsored Project EAST delegation, 2012.

*Resilient-Urban Design Workshop*, Shanghai SISS Institute: Led a workshop for the Shanghai Institute for Science of Science (SISS), an institution under the leadership of Science and Technology Commission of Shanghai Municipality and Shanghai Academy of Science and Technology, 2013.

*Sustainable Urban Design Workshop*, Xiamen University, China: Redevelopment of Xiamen Old Port District (formerly Old Amoy), 2013.

*The Challenges of Mumbai as a Mega-City*, European Union-Bombay First: Invited to contribute to this high-level European and Indian forum on low-energy cities, Mumbai, 2013.

*Building Livable Cities: The Urban Vision Symposium*, Mumbai, India: Lecturer and panelist, 2012.

*United Nations Development Programme (UNDP) Europe and the CIS*, Sustainable and Resilient Local Development: Bratislava Regional Centre, Slovakia, led in-person and remote session on Resilient Cities to 60 UNDP experts, 2012.

*United Nations Habitat, High-Level Meeting on Sustainable Urbanization* in Konya, Turkey - Consortium for Sustainable Urbanization: Lecturer and panelist at the UN Headquarters in New York, 2012.

United Nations Environment Programme (UNEP) and Technische Universität Dresden's Centre for International Postgraduate Studies of Environment Management (CIPSEM), annual series of workshops on Sustainable-Resilient Cities, attended by international policy and technical experts, 2010-present.

*Humboldt Foundation*, Germany: Led a series of annual workshops for The Alexander von Humboldt Foundation's International Climate Protection Fellowship, a competitive program for future international leaders in the field of climate protection, focused on Sustainable-Resilient Cities; 2011, 2012, 2013.

*Global Change Impacts and Adaptation Program*, US Environmental Protection Agency Office of Research and Development (EPA): Technical Steering Committee, 2012-2013.

*Global Sustainable Urbanization Development Indicators*; US Office Housing & Urban Development (HUD): Raven was a member of the Working Group with HUD Deputy Assistant Secretary and The White House Office of Urban Affairs, 2010-2011.

*Peer Review*: NYC Department of Design and Construction - High Performance Infrastructure Guidelines, practices for creating sustainable city streets, sidewalks, utilities, and urban landscaping.

Department of Transportation (North Carolina DOT) and ACEC, presented at the ACEC/NC DOT Joint-*Technical Training Workshop*, Intermodal Transportation Perspectives and Sustainable Planning/Design for Resilient Cities.

*Cambridge University Sustainable Cities Programs*: Lecturer and external expert to *The Cambridge Institute for Sustainability Leadership*, *The Prince of Wales' Business & Sustainability Programme*, the *Cambridge International Land Institute*, 2010-2012.

*Cambridge Academic Examiner*, MSt Interdisciplinary Design for the Built Environment (Dept. of Architecture and Engineering), 2011.

*Climate Positive Development Program (CPDP)*, *Clinton Climate Initiative*: Raven was Technical Resource Expert for a C40 Cities program, developed in partnership with the US Green Building Council, 2010.

*Regional Plan Association*: Invited panelist to annual Regional Assembly: *Building a Green Infrastructure*; member of the charrette team for Downtown Visioning Charrette, in Bergen County, NJ., and post 9/11 *Civic Alliance Planning and Design Workshop* in Lower Manhattan.