

iNTA 2017 Conference Program  
University of Florida Emerson Alumni Hall  
December 1-3



Friday December 1, 2017

Emerson Alumni Hall

*Lobby*

4:30-5:30 PM Conference Check-in

PLENARY SESSION: 5:30-7:30 PM

*President's Ballroom B*

Conference Opening

Chimay Anumba Ph.D., Dean and Professor, UF College of Design Construction and Planning  
Johannes Widodo, Chairman iNTA International Network of Tropical Architecture  
Nancy Clark, Director UF Center for Hydro-generated Urbanism, Co-Chair 6<sup>th</sup> iNTA Conference  
Nawari Nawari Ph.D., Assistant Dean for Graduate Education, University of Florida UF College  
of Design Construction Planning, Co-Chair 6<sup>th</sup> iNTA Conference 2017

Keynote Speakers

**Craig Fugate**, Director FEMA Federal Emergency Management Agency 2009-2017  
**Daniel Vasini**, Creative Director **West 8** New York | Rotterdam  
“Tropical Identity in a Changing Climate”

*Lobby*

7:30-9:00 pm

Conference Reception

Saturday December 2, 2017

Emerson Alumni Hall

8:30-9:00 AM Arrival, morning coffee and refreshments  
Conference Check-in

PLENARY SESSION: 9:00-10:00 AM

*President's Ballroom B*

Welcome

Keynote Speaker **Hugh Dutton**, Principle **Hugh Dutton & Associates** (HDA), Paris  
“The Climate Ribbon”

COFFEE BREAK 10:00-10:30 AM



PARALLEL SESSION I: 10:30-11:30 AM

*President's Ballroom B*

**Resiliency Framework and Initiatives: Case Study Miami**

Moderator:

**Reinaldo Borges**, AIA ULI NCARB Principal and CEO Borges Architects

Panel:

**Stephanie Tashiro**, Ph.D., Deputy Chief Resilience Officer, Office of Resilience and Sustainability, City of Miami

“100 Resilient Cities: Greater Miami and the Beaches”

**Anthony J. Abbate**, Associate Provost for Broward Campuses, Director and Professor, School of Architecture, Florida Atlantic University

“Pioneering Climate Resilience through Regional Action: The Southeast Florida Regional Compact”

**Carolyn Cox**, Coordinator Florida Climate Institute

*President's Ballroom C*

**Triumph of the Tropics**

Moderator:

**Deborah van der Platt**, University of Queensland School of Architecture, Australia

“Local Discourses on the Tropics in Twentieth-Century Australia and Climatic Architecture in Post-War Queensland”

Panel:

**Elizabeth Musgrave**, A|T|C|H, School of Architecture, University of Queensland, St Lucia, Australia

“Science, Semantics and the Queensland idiom: Sources of identity in modern and post-modern (sub)-Tropical Queensland Architecture”

**Cathy Keys**, Indigenous Design Place, School of Architecture, University of Queensland, Australia

“The 1950s elevation debate and the Tropical Queensland House: Tropical Storms, “Progressive” Architecture and the devaluing of the “Under the House”.

**Domenico Potenza**, Departmento of Architecture Pescara, University “G. D’annunzio” Pescara-Chieti

“Architecture as an expression of a Places’ Geography”

**Vandana Baweja**, Ph.D., Associate Professor School of Architecture University of Florida & **Martha**

**Kohen**, Director UF CHU Center for Hydro-generated Urbanism, Professor School of Architecture

“Tropical Modern before Theory: The Panama Canal American Settlement”

**Abel Tablada**, Department of Architecture, School of Design and Environment, National University of Singapore

“Wind Catchers for Cross Ventilation and Storm Protection in Old Havana’s Courtyards”

*Teaching Classroom*

**The Role of Technology in Resilience**

Moderator:

**Nawari Nawari**, Ph.D. Associate Professor, School of Architecture University of Florida

Panel:

**Pedro Guedes**, School of Architecture, University of Queensland

“The Shape of Hurricanes: Lieutenant Colonel Reid’s Morphology of Cyclonic Weather Systems”

**Dina Shoukry**, Ph.D. candidate, Mansoura University, College of Architecture, Egypt

“Environmental Design Methodology for Building Spaces in the Sub-Tropics”

**Dong-Soo Kim**, University of Florida

“Comparison of Residential Building Performance under Climate Changes”

**Farah Akiely**, Ph.D. candidate, Urban and Regional Planning University of Florida

“The Aftermath of Hurricane Harvey: Rehabilitation and Relocation of Houston’s Most Vulnerable Displaced”

**Jun Ik Sohn**, Ph.D. candidate, Urban and Regional Planning University of Florida

“Impact of Natural Disaster Risk on Property Value: A Case Study of Miami Dade County”

**Ayad Almainani**, Ph.D. candidate, University of Florida

“The Role of BIM in Sub-Tropic Architectural Resiliency”

LUNCH BREAK: 11:30-1:00 pm (see map for nearby restaurants)

PLENARY SESSION

*President's Ballroom B*

1:00-2:00 PM

Keynote Speaker **David Gouverneur**, Author Planning and Design for Future Informal Settlements  
Professor of Practice Department of Landscape Architecture University of Pennsylvania

COFFEE BREAK 2:00-2:30 PM

PARALLEL SESSION II: 2:30-3:30 PM

*President's Ballroom B*

**Vulnerable Water-Based Communities and Informal Settlements**

Moderator:

**David Gouverneur**, Professor of Practice Department of Landscape Architecture University of Pennsylvania

Panel:

**Yvonne Labiago Peschard**, Taller Hídrico Urbano, Architecture Faculty Universidad Nacional Autónoma De México

“Mexico City: Sinking Witnesses. Water, City, and Subsidence”

**Silvia Aloisio**, Ph.D. Candidate Faculty of Architecture, University of La Sapienza & **Cristian Luna**, Professor FA-UNAM, Director IMAGINEMA Studio

“Ahogado Basin: Redevelopment Options for a Flood Vulnerable Settlement in San Pedro Tlaquepaque, Mexico”

**Michele Manigrasso**, Ph.D. Department of Architecture of Pescara, University G. d'Annunzio Italy

“Adaptation and Adaptive Capabilities to Climate Change: ‘Minimal Urban Structure’ as a Strategic Devise to Reduce the Vulnerability of informal Settlements”

**Jacqueline A. Y. Douglas-Brown** Faculty of the Built Environment, University of Technology, Jamaica

“Mapping, Design and Adaptive Interventions for Communities Susceptible to Flooding: A Case Study of Selected Communities along the Hope River in St. Andrew, Jamaica”

**Amani Ishemo** Faculty of the Built Environment, University of Technology, Jamaica

“The convergence of Vulnerability Factors to Storm Hazards and Mitigation Approaches: The Jamaican Case”

*President's Ballroom C*

**Tropical Storms and the Legal Infrastructure of Adaptive Development**

Moderator:

**Sid Shapiro**, Ph.D. Frank U. Fletcher Chair of Administrative Law, Wake Forest University

“Anatomy of a Red State's Response: North Carolina and Climate Change”

Panel:

**Rob Verchick**, Guthrie-St. Martin Eminent Scholar and Chair of Environmental Law, Loyola University

“Reaching Higher Ground: Relocating Communities in Response to Climate Change”

**David Flores**, Center for Progressive Reform, Loyola University

“Protecting Low-Lying Toxic Facilities from Floods: What does the Law Require?”

*Teaching Classroom*

**Lessons from Tradition: Regional Responses to the Tropics**

Moderator:

**Vandana Baweja**, Ph.D., Associate Professor School of Architecture University of Florida

Panel:

**Leah Dela Rosa**, PhD, University of Santo Tomas

“Architectural Resiliency: A Study on the Filipino Climate Adaptive Culture”

**Diana Luna**, Architect, Associate Dean University of Puerto Rico School of Architecture

“Historic Wood Buildings: Learning from their Sustainable Performance in the Tropics”

**Wasilah Sahabuddin**, Lecturer of Architecture Department, Science and Technology Faculty, Islamic State of Alauddin University

“Exploration of the Sembilan Islands Resort Design”

**Patricia Green**, Head of School, Faculty of the Built Environment, University of Technology, Jamaica

“SIDS Caribbean Context Conservation and Restoration as Adaptation Strategies”

BANQUET DINNER: 7:00-9:00 PM

Florida Museum of Natural History  
3215 Hull Road  
(Tickets can be purchased at Check-in)

**Sunday December 3, 2017**

Emerson Alumni Hall

8:30-9:00 AM Arrival, morning coffee and refreshments  
Conference Check-in

PLENARY SESSION I

*President's Ballroom B*

9:00-10:00 AM

Welcome

Keynote Speaker **Mariam Traore Chazalnoel**, Migration Expert, **United Nations Migration Agency**  
(IOM) Migration Environment and Climate Change

COFFEE BREAK 10:00-10:30 AM

PARALLEL SESSION I: 10:30-11:30 AM

*President's Ballroom B*

**Learning from Puerto Rico after Maria**

Moderator:

**Martha Kohen**, Director UF CHU Center for Hydro-generated Urbanism, Professor School of Architecture

Panel:

**Diana Luna**, Architect, Associate Dean University of Puerto Rico School of Architecture

**Jonathan Marvel**, FAIA Founding Principal at Marvel Architects

**Pedro Muñiz**, Ph.D. AIA Director LAAB Environmental Laboratory for Bio-tropical Architecture, Professor University of Puerto Rico

“In Search of the TROPICOOOL: The LAAB, an empirical Research Tool for Design, Test and Analysis of Scale Models for Tropical Architecture”

*President's Ballroom C*

**Pechakucha Session**

Moderator:

**Frank M. Bosworth**, Ph.D., AIA, Professor, Director CityLab Orlando University of Florida

Panel: "The Impact of Climate Refugees in the Orlando, FL Metro-region"

M.Arch Students UF CityLab Orlando School of Architecture

**Dakota Clifford**

**Adam Fields**

**Jonathon Fitzgerald**

**Eric Hawkins**

**Ange Murray**

**Derek Trumpp**

**Gabriella Ebbesson**, Graduate Student, University of Florida School of Architecture

"Modern Living in the Subtropic: Community and Ecological Functionalism"

**Gabriela Villalobos**, Graduate Student, University of Florida School of Architecture

"The History of Solar Architecture in the United States and Florida"

*Teaching Classroom*

**Resilience Education and Outreach**

Moderator:

**Stephen Bender**, AIA Lecturer CityLab Orlando School of Architecture, Principal bndr Architecture

Panel:

**Michael Volk**, PLA Research Assistant Professor UF Center for Landscape Conservation Planning

"Incorporating Climate Change into Landscape Architectural Projects in Florida"

**Dean Sakamoto**, FAIA, LEED AP, Shade Group

"Finding SHADE"

**Carol Archer**, Associate Professor University of Technology Jamaica

"Assessing the Effectiveness of the Public Education Program on Disaster Mitigation for  
Community Kintyre in Jamaica"

**Abhimanyu Goel**, Department of Building, School of Design and Environment, NUS

"Adaptive Building Design as a Platform for Enhancing Resilience and Sustainability in Future  
Cities"

LUNCH BREAK: 11:30-1:00 pm (see map for nearby restaurants)

SESSION II: 1:00-2:00 PM

*President's Ballroom B*

**Green Infrastructure**

Moderator:

**Thomas Hocter**, Director of the UF Center for Landscape Conservation Planning, Research Associate  
Professor, UF Department of Landscape Architecture

Panel: **Chris Silver**, FAICP Professor, UF Department of Urban and Regional Planning, University of Florida

"Waterfront Jakarta: The Battle for the Future of the Metropolis"

**Swati Saha Ph.D. & P. Chatterjee**, Indian Institute of Engineering Science and Technology

"Trees of Life: Mangroves as 'Eco-Saviour' of Coastal Settlements against Tropical Storms in  
Natural Heritage Region of Sunderbans"

**Jeffrey Huber**, AIA NCARB LEED AP, Assistant Professor School of Architecture, Florida Atlantic  
University

"ADaPT: Adaptation Design and Planning Tool for Urban Areas in the Coastal Zone (Florida)"

**Katrina Indarawis**, Ph.D. Research Assistant Professor, Engineering School of Sustainable Infrastructure  
and Environment, University of Florida School

"A Sustainable Solution for Coastal Regions with Salt Water Intrusion in Drinking Water  
Sources."

*President's Ballroom C*

**Storm of Opportunity: Business Models and Urban Resilience**

Moderator:

**Ann Goodman**, Author Adapting to Change: The Business of Climate Resilience, Affiliate Faculty at CUNY Advanced Science Research Center Environmental Crossroads

Panel:

**Louis Ferretti**, IBM Project Executive Global Procurement/Transformation & Operations

**Sophie Evans**, Willis Towers Watson Programme Director for the Capital, Science and Policy Practice

*Teaching Classroom*

**Sea Level Rise and the Future of Coastal Settlements: Evolving Concepts in Urban and Cultural Adaptation in a Changing Environment**

Moderator:

**Martha Kohen**, Director UF CHU Center for Hydro-generated Urbanism, Professor School of Architecture

“Florida Regional Scale as an Opportunity of Innovation”

Panel:

**Lucio Barbera** Ph.D., UNESCO Chair in Sustainable Urban Quality and Culture, Professor University of La Sapienza

“UNESCO Chair in Sustainable Urban Quality and Culture Global Perspective”

**Anne Irene Del Monaco** Ph.D. Secretary-General UNESCO Chair in Sustainable Urban Quality and Urban Culture, notably in Africa, Assistant Professor of Architecture and Design Faculty of Architecture, University of La Sapienza

“UNESCO Workshops: Durban + Miami”

**Martha Kohen**, Director UF CHU Center for Hydro-generated Urbanism, Professor School of Architecture

“UF CHU Outcomes”

**Silvia Aloisio**, Ph.D. Candidate Faculty of Architecture, University of La Sapienza.

“Transforming Flood Plain Low Income Communities into Canal Communities”

COFFEE BREAK 2:00-2:30 PM

SESSION III: 2:30-3:30 PM

*President's Ballroom B*

**Adaptation Paradigms**

Moderator:

**Martha Kohen**, Director UF CHU Center for Hydro-generated Urbanism, Professor School of Architecture

Panel:

**Plinio Lora & Jaime Rodriguez**, Catholic and Technological University of Cibao, Dominican Republic

“Performance in Caribbean Architecture; Resilient Housing Prototype Facing Climate Phenomena”

**Andriel Fenner**, Ph.D. Candidate, Powell Center for Construction and Environment, University of Florida

“A Review of Prefabrication Benefits for Sustainable and Resilient Coastal Areas”

**Robinson Manguro**, Architect Project Manager, Kenyatta National Hospital, Lecturer Department of Architecture, Kenyatta University Kenya

“Overcoming Barriers to Green Building Technology for Small Scale Buildings in Kenya”

**Mouloud Messaoudi**, Ph.D. Associate Professor, School of Architecture University of Florida

“Floating Structures as Adaptive Solution in Tropical and Subtropical Regions”

**Silvia Aloisio**, Ph.D. Candidate Faculty of Architecture, University La Sapienza Rome & **Martha Kohen**

“The Barrier Island Paradigm: The Case Study for Longboat Key”



*President's Ballroom C*

**Migration and Housing in the Aftermath of Disaster**

Moderator:

**Stephen Bender**, AIA Lecturer CityLab Orlando School of Architecture, Principal bndr llc.

Panel:

**Mark Brewer**, Chartered Advisor in Philanthropy, President/CEO Central Florida Foundation

**Gladys Cook**, Technical Advisor, Florida Housing Coalition, heading up coordination efforts between disaster relief organizations and housing providers

**Jaimie Ross**, President CEO, Florida Housing Coalition (FHC clearinghouse for DEM and National Low Income Housing Coalition efforts)

*Teaching Classroom*

**Imagining Adaptive Governance in an Era of Climate Change**

Moderator:

**Alyson Flournoy**, Professor, UF Levin College of Law, University of Florida

Panel:

**Tom Ankersen**, Professor, Director Conservation Clinic, UF Levin College of Law, University of Florida

**Shiva Halan**, Ph.D. Postdoctoral Fellow, Media Effects and Technology Lab, College of Journalism, University of Florida

COFFEE BREAK 3:30-4:00 PM

PLENARY SESSION II

*President's Ballroom B*

4:00-4:45 Closing of Conference  
"Next Steps"