

Dutch Dialogues™ Charleston Core Team Bios

David Waggoner, FAIA Waggoner & Ball Architecture / Environment Principal

David is the founding principal of Waggoner & Ball, an internationally active architecture and environment practice based in New Orleans. David was raised in Plain Dealing, Louisiana and spent time in Washington, DC, where his father was a U.S. Congressman. He is a graduate of the Yale School of Architecture, and in 2010 was elevated to the position of Fellow in the American Institute of Architects (FAIA). In 2016, David was awarded the AIA Louisiana Medal of Honor. From preservation to modern architecture to urban design, locally and internationally, quality and innovation are hallmarks of his work. His maxim, “know where you are,” imparts both an understanding of place and a critical awareness of time.

In the aftermath of Hurricane Katrina, David saw an opportunity for New Orleans to reinvent itself as a sustainable city that embraces its lifeblood: water. He championed a process that examines history, soils, biodiversity, infrastructure networks, urban space and habitation, along with the forces of water. This combination serves as a holistic foundation for design, initiated during the Dutch Dialogues, developed through the Greater New Orleans Urban Water Plan, and now being implemented in multiple projects including the city’s winning National Disaster Resilience Competition (NDRC) entry. Related processes and efforts have produced Rebuild by Design and other NDRC awards for Bridgeport, Connecticut, and the States of Louisiana, Connecticut, and Virginia.

Dale Morris The Water Institute of the Gulf Director of Strategic Partnerships

Following decades working at the intersection of water management, science, and policy, former Embassy of the Kingdom of the Netherlands Senior Economist Dale Morris joined The Water Institute of the Gulf on May 1, 2018 as the Director of Strategic Partnerships. Morris grew up in Pittsburgh and served six years in the U.S. Air Force, with more than half of those served in the Netherlands where he became fluent in Dutch. After college, Morris

worked as legislative director in the U.S. Congress, working on tax, budget, trade, agriculture, appropriations, and water issues. He later moved to the embassy where he served as Congressional Liaison and worked on macro-economic, trade, regulatory, and energy issues. When Hurricane Katrina hit in 2005, the Embassy of the Kingdom of the Netherlands immediately engaged Louisiana officials and offered to help in the recovery. Morris directed this post-Katrina activity for the Dutch and managed the embassy's liaison to Louisiana and other U.S. states, including California, Florida, Texas, Virginia, and New York, as they worked on flood, water, and adaptation challenges. Morris also worked with New Orleans-based architect David Waggonner, co-founding the "Dutch Dialogues," which organized detailed workshops about living with water in post-Katrina New Orleans. The Dutch Dialogues have been used elsewhere in the U.S. and are in demand in other flood-prone and flood-recovering communities.

Jan Peelen

Royal Netherlands Embassy

Attaché for Infrastructure and Water Management

Jan Peelen is the Attaché for Infrastructure & Water Management at the Royal Netherlands Embassy and the lead resilience & (smart) urban planning expert of the Dutch diplomatic network in the US. He advises US and international entities on these topics and coordinates all water related efforts of the Dutch network in the US. He also engages companies and NGO's on international business and sustainability. Before his posting in the US in 2014, Jan fulfilled several positions at the Dutch Ministry of Infrastructure & Water Management. As program officer for the Dutch International Water Policy Program, he coordinated the overall program and was responsible for various initiatives to promote the Dutch water & maritime industry. He started his career with the Dutch national government as a specialist on environmental impact assessments and became a strategic advisor and/or project manager for various national energy & transportation infrastructure projects in The Netherlands. He was also involved in the development of new policies and regulations for large scale infrastructural projects in The Netherlands. Jan holds an M.Sc. in Urban & Regional Planning from the University of Amsterdam and is a member of the ELEEP Alumni Advisory Board.

Andy Sternad.

Waggonner & Ball Architecture / Environment

Architect & Urban Designer

Andy is a leader in Waggonner & Ball's resilience practice, first joining the firm in 2010 and returning in 2018. He focuses on the creation of water design strategies at urban and building scales, seeking holistic solutions that reveal the character of place and integrate issues of climate, ground, economy, and people. Andy is a client liaison for a range of public and private projects, works to build collaborative relationships with industry experts, and supports the firm's architectural and urban design business development. Andy was a key participant in the New Orleans Dutch Dialogues, a collaboration between Dutch and American engineers, designers, and planners to re-envision the city's relationship to water after Hurricane Katrina. He was a lead author of the ensuing Greater New Orleans Urban Water Plan, recognized by the American Planning Association with a National Excellence

Award in 2015. Currently Andy manages the firm's work on the Isle de Jean Charles resettlement plan, a first-of-its-kind effort in the U.S. to relocate an entire coastal community, and he led the firm's engagement with the Water As Leverage program in Chennai, India. Since 2013, Andy has served as a Design Consultant for Ripple Effect, a teacher-designer collaboration on standards-based water literacy curriculum for local schools.

Ramiro Diaz

Waggoner & Ball Architecture / Environment

Senior Project Designer

Ramiro Diaz is an architectural designer, planner, and photographer. He is a design leader in the resilience and water strategy practice and leads the firm's data analysis and GIS initiatives. A frequent lecturer and tour leader, Ramiro is expert at integrating architecture, landscape, and water system challenges into pictures that suggest innovative solutions and capture the spirit of place. Ramiro is a client liaison, project designer and collaboration leader for resilience urban design projects. He plays a key role organizing and participating in the firm's Dutch Dialogues and Living with Water design workshops. Ramiro coordinated with consultants and the City of New Orleans to extensively map the Gentilly area in order to quantify need and determine project focus areas resulting in the city's HUD National Disaster Resilience award. Currently, Ramiro is lead designer of the NDR Ohio Creek Project in Norfolk, VA, providing coastal and stormwater protection and urban amenities. Ramiro has given presentations on sustainable urban water management at venues including the APA and USGBC Greenbuild national conventions, CPEX Smart Growth Summit, and the American Institute of Architects in New Orleans, Miami, and Basel, Switzerland. A graduate of Tulane University School of Architecture, he is a frequently invited guest critic and lecturer. He is board president of Groundwork New Orleans and serves on the New Orleans Board of Zoning Adjustments.

Janice Barnes, PhD, AIA, RELi AP, LEED AP BD+C

Waggoner & Ball Architecture / Environment

Principal, Director of Resilience

As Director of Resilience, Janice works with clients to identify their risks and vulnerabilities and to meet their resilience goals. With nearly 30 years of international design experience bridging practical applications with empirical research, Janice links environmental, social and economic indicators to advance resilience principles and connect knowledge across communities.

Janice was Perkins+Will's global lead on their work with the 100 Resilient Cities initiative for the City of Louisville and the City of Toronto. With the Rockefeller Foundation, she facilitated workshops in the National Disaster Recovery Competition Capacity-Building and Global Resilience Academies. She is one of the first RELi APs and serves on the USGBC RELi Task Force implementing a new international resilience certification program.

Prior to this role, Janice led Perkins+Will's Planning + Strategies team, focusing on portfolio analysis for corporate and higher education clients, workplace strategy and change

management. With diverse clients across higher education, private sectors in finance and engineering, and public sector clients in economic development, municipal planning and urban design, Janice brings a wide-range of experience in the programming, planning and phasing for complex organizations. Projects have ranged from millions of square feet across multiple campus locations to single environments. Most recently, Janice worked with the University of California, San Francisco, on a multicampus assessment focused on satisfaction, wellbeing, work effectiveness and engagement. She also supervised the teams conducting needs assessments across the State University of New York system.

Hugh Roberts

The Water Institute of the Gulf Vice President for Engineering

Hugh Roberts is an engineer with 15 years of experience and has led numerical modeling-based studies throughout Louisiana and the country to assess coastal and fluvial flood risks, support the design of ecosystem restoration and flood protection projects, and evaluate environmental impacts. He has played a leading role in recent studies in the Gulf Coast in support of the U.S. Army Corps of Engineers, Federal Emergency Management Agency, and the state of Louisiana's Coastal Protection and Restoration Authority including the development of the 2012 and the 2017 Coastal Master Plans.

Prior to joining the Institute, Roberts was national leader for Urban and Coastal Resilience at Arcadis and has experience across the country working with municipalities and regions facing climate change driven economic, societal and environmental risks. Roberts has played leading roles in the development of New York City's Special Initiative for Rebuilding and Resiliency post Hurricane Sandy; Climate Ready Boston, a 2016 initiative to create a systematic and comprehensive framework for combating climate change; HUD funded Rebuild by Design and National Disaster Resilience Competitions projects in Bridgeport (CT) and New York City; and recently the San Francisco Seawall Earthquake Safety and Disaster Prevention Program, planning for the city's seismic and coastal flooding challenges along its iconic waterfront.

Colleen McHugh

The Water Institute of the Gulf Senior Adaptation Planner

As Senior Adaptation Planner for The Water Institute of the Gulf, Colleen McHugh uses her background in city planning and urban design to explore the interrelationships among infrastructure, social, and natural systems with a focus on helping cities and coastal communities develop visions and actionable strategies for adapting to thrive in the face of a changing environment and climate. McHugh joined the Institute in 2018 from the City of New Orleans where she was instrumental in the development of the city's award-winning Resilience Strategy, the city's first-ever Climate Action Plan, and the design and implementation of green infrastructure and nature-based solutions. She was a core member of the team that developed the city's \$141 million award-winning proposal to HUD's National Disaster Resilience Competition and guided the early implementation of a network of projects in the Gentilly Resilience District that will reduce flood risk while providing other

community and climate benefits. Colleen has a B.A. in Global Studies with a minor in Geography from UCLA and a Master in City Planning with a Certificate in Urban Design from MIT. Colleen was awarded an Excellence in Public Service Award by MIT's Department of Urban Studies and Planning in 2016 for her leadership in advancing resilience planning and projects in New Orleans.

Lex Agnew

Waggonner & Ball Architecture / Environment

Landscape Designer

Lex is a landscape designer and planner who joined Waggonner and Ball in 2017. He provides expertise in mapping and data analytics, using GIS and parametric software, such as Grasshopper. Lex is involved in a variety of resiliency planning projects and has brought an analytic lens to issues related to flooding, heat, accessibility, health and socio-economics. Lex specializes in visualizing patterns in data that might otherwise go unseen. This data-driven mapping process helps steer resiliency planning toward tailored strategies unique to scale, location, and local character. Lex received a Bachelors of Science in Architecture from Washington University in St. Louis and a Masters in Landscape Architecture from Harvard's Graduate School of Design. He has researched watershed level design, working for LSU's Coastal Sustainability Studio and the studio Misi-Zibbi team in the Changing Course competition. At Waggonner and Ball, Lex has worked on site selection and evaluation in Hampton Virginia, and participated in design workshops with a variety of stakeholders and collaborators in Houston Texas. He has also participated in other similar design colloquiums. He has worked in planning and strategy reports for the LA SAFE Resilience Plan and the Gentilly Resilience District in New Orleans.

Lauren Grimley

The Water Institute of the Gulf Research Scientist

Lauren Grimley is a Research Scientist at The Water Institute of the Gulf. She recently received her M.S. in Civil & Environmental Engineering with a focus on water resources from the University of Iowa at Iowa City. At the Iowa Flood Center, her graduate research focused on gaining a better understanding of how urban rainfall runoff dynamics and spatio-temporal variability of radar rainfall impact streamflow predictions. She has participated in the National Water Center Summer Innovators Program organized by the Consortium of Universities for the Advancement of Hydrologic Science, Inc. (CUAHSI) both as a Research Fellow and a Course Coordinator. As part of this program, Grimley spent two summer in Tuscaloosa, Alabama where she collaborated intensively with students and experts to develop and work on projects designed to contribute to the National Water Center's goals of enhancing water related products and decision support services across the country. She has experience in hydrologic and hydraulic modeling, urban hydrology and stormwater, and real-time forecasting.

