

LISTENING TO THE LAND

REFLECTIONS ON RESILIENT DESIGN FROM GROUND ZERO

OCTOBER 19, 2018 | 8:30 - 10 A.M. | FRI-A02



SESSION SUMMARY

The 2017 hurricane season was the first time on record that three Category 4 storms made landfall on U.S. soil. This session reflects on resilient design strategies put to the ultimate test on three recently completed projects by Studio Outside and Lake|Flato Architects in Texas, Mississippi, and Florida.

- Primary Topic: **Climate Resiliency**
- Secondary Topic: **Sustainable Design**



LEARNING OBJECTIVES

1. Learn how resilient design strategies along the Gulf Coast have been successful or unsuccessful and why.
2. Understand how an integrated design approach between disciplines can help foster a stronger understanding of key environmental challenges.
3. Learn methods of preserving and enhancing the landscape in order to bolster a stronger defense system from an increasing number of natural disasters
4. Gain insight on developing holistic environmental design strategies for projects along the Gulf Coast Region.



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Annual Meeting
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October 19-22
Philadelphia

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PRESENTERS:



MATT WALLACE, AIA, LEED AP BD+C, AFFILIATE ASLA
ASSOCIATE PARTNER AT LAKE|FLATO ARCHITECTS

Matt Wallace is an Associate Partner at Lake|Flato Architects and a leader of their Eco-Conservation Studio. His work reflects an innate respect for the land, an important idea that germinated as a child while exploring the driftless region of Iowa. This passion was further fostered while studying under Pritzker Prize Laureate Glenn Murcutt, who taught him the importance of implementing environmental stewardship into practice. In addition, design resiliency is a defining principle of Matt's approach which leads him into important collaborations with Landscape Architects, Ecologists, Geologists, and other professionals.



TARY ARTERBURN, FASLA
FOUNDING PRINCIPAL AT STUDIO OUTSIDE

Tary Arterburn, one of the founding principals of Studio Outside, leads with a natural energetic spirit which guides experimental and innovative design. Internationally recognized for his design practices, Tary focuses on creating notable residences, expansive ranches, museums, botanical gardens, and campus commissions. With a collaborative spirit, he inspires his teams to design engaging, comfortable spaces that are profoundly infused with nature, art and technology. Tary continues to stay involved with the education of landscape architecture and currently serves on the advisory boards of LSU and University of Texas at Austin.



LARRY LEWIS, LEED AP
COASTAL ECOLOGIST

Larry Lewis is the managing partner at BMI Environmental Services, where he provides ecological assessment, conservation planning, and environmental regulatory guidance to public and private sector clients. Over the past 43 years, Mr. Lewis has worked in coastal areas from Texas to the panhandle of Florida, collaborating with multi-disciplinary teams of landscape architects, engineers, and architects to provide information about the functions and values of the coastal ecosystem and how the anthropogenic and natural features can be integrated in a sustainable and resilient way.



PRESENTATION OUTLINE

I. Overview of Coastal Ecology

Presenters examine the distinct coastal ecology of three regions: the **Texas coast**, the **Mississippi coast** and the **Florida coast**.

Notes:

II. Integrated Design Planning

Before design begins, the team listens to the land, which informs the need for resiliency in different aspects of each coastal region. By carefully studying the needs and risks of each site, the design team assesses how they will achieve resiliency through design.

Notes:



III. Resiliency in Practice

The team presents case studies on projects that implemented resilient design and responded to the context of their place:

- Texas coast: Shangri La Botanical Gardens and Galveston Island State Park
- Mississippi coast: The Marine Education Center at the Gulf Coast Research Laboratory
- Florida coast: Naples Botanical Garden

Notes:

IV. Discussion/ Audience Q&A

Notes: