

Advanced Studio IV

Spring 2017

Dong Ping Wong - dpw@familynewyork.com and Oana Stanescu - os@familynewyork.com



The Experience is Everything

The hypothesis for this studio is that experience is key to changing how we think about the environment.

The main assumption is that the visceral experience of water is an essential part in creating a shift in people's understanding of this natural resource.

To truly transform our relationship to water, we must first develop a deep appreciation of water through touching, feeling, smelling and tasting water. Only an inherent appreciation of our natural resources will shift the challenge of climate change from an abstract responsibility to a visceral belief, and create lasting and measurable political, social and technological progress.

The studio will explore design environments that not only change how we use water, but also how we fundamentally think and care about water.

The design process will be driven by the refinement of an experiential concept. In parallel to the site and programmatic research and architectural design development, students will be asked to create an experiential collage/ sketch each week.

Schedule

First day of studio - January 19th

Mid Review - week of February 27th

Final Review - week of April 24th

Program

The program of the studio is a "Water Center" - a building or campus focused on bringing together all aspects of water - recreation, health, science, policy and industry - with the singular intention of changing how the public understands the very natural resource that physically defines New York City (and 90% of the largest cities in the world). A place for all things water.

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The space program includes:

- Swimming Pools and Facilities
- Marine Biology and Hydrology Labs
- Boat Building Workshop and Storage
- Classrooms
- Lecture Halls
- Galleries
- Event Space
- Public Lobby
- Administrative Offices
- Restaurant
- Cafe
- Garden
- Water Center Store
- Library and Research Center

The 300,000sf program includes 100,000sf of student-chosen program. A detailed program table will be provided at the beginning of the studio.

Site

The site is the southern half of Governor's Island, non-historic part.

Readings and References

Mapping Three Decades of Global Water Change

<http://www.nytimes.com/interactive/2016/12/09/science/mapping-three-decades-of-global-water-change.html>

Photographing the Impact of California's Water Crisis

<http://lens.blogs.nytimes.com/2016/11/07/photographing-the-impact-of-californias-water-crisis/>

Food Water Footprint

<http://graphics.latimes.com/food-water-footprint/>

From the gutter: How your litter ends up in the ocean

<http://www.latimes.com/visuals/graphics/la-me-g-snapshot-storm-drains-20150401-htmllstory.html>

Christo - A Walk on Water

<https://www.nytimes.com/video/arts/design/10000004476178/a-walk-on-water.html>

Moses Bridge

Rain Room by Random International

The Weather Project Olafur Eliasson

James Turrell

Dream House - Mela Foundation NY

Marina Abramovic Institute - OMA

Spa Castle

Chelsea Piers

Lincoln Center

Rolex Learning Center SANAA

Therme Vals - Peter Zumthor

Relevant Water Organizations

River Project

Harbor School

Waterfront Alliance

Columbia Water Center (part of the Earth Institute)