



ICAADE2017

THE SECOND INTERNATIONAL CONFERENCE ON
AMPHIBIOUS ARCHITECTURE, DESIGN AND ENGINEERING

CALL FOR SUPPORT

WHAT IS AMPHIBIOUS DESIGN?

Amphibious design is an innovative flood mitigation solution that allows an otherwise-ordinary structure to float on the surface of rising floodwater rather than succumb to inundation. In environmentally sensitive locations, amphibious construction accommodates flooding, using the floodwater itself as the active agent to elevate a building to safety.

Rather than discouraging the flooding of the land by such means as dikes and levees, amphibious construction strategies accept the presence of floodwater but prevent it from causing significant damage to buildings. An amphibious foundation retains a home's connection to the ground by resting firmly on the earth under usual circumstances, yet it allows a house to float as high as necessary when flooding occurs.

Amphibious construction works in synchrony with a flood-prone region's natural cycles, allowing water to flow around and under it, rather than acting as an obstruction in the floodpath.

About ICAADE2017

ICAADE 2017 unites academics, practitioners, professionals and policy-makers in the exchange of knowledge on amphibious flood mitigation strategies, inviting collaboration among researchers, businesses, institutions, and governments around the world. Flood mitigation and climate change adaptation will require the development of new housing types and retrofit strategies in order to maintain community integrity in populated regions where flooding is expected to increase.

The conference will facilitate collaboration among architects, planners, builders, researchers, engineers, and participants from government and industry, representing a broad range of disciplines such as water management, urban and landscape design, hydraulic engineering, social sciences, humanities, building construction, education and health, and experts from such fields as commerce, policy, information systems, and knowledge management.

In the last 20 years, the 10 worst floods around the world have displaced over 1.1 billion people and resulted in damages of over \$165 billion.¹
It's time to find a solution.

June 25 - 28 2017

University of Waterloo
Waterloo, Ontario, Canada

1. Center for Research on the Epidemiology of Disasters (2015)

Topics

ICAAD 2017 will draw participants from around the world, working with international authorities to increase global awareness of amphibious design as a flood mitigation and climate change adaptation strategy. The conference will connect researchers, students, practitioners, industry leaders and government participants from around the world. Topics for **ICAAD 2017** include:

Living with Water promotes a common understanding of new approaches to living with water by accommodation rather than control.

Flood Resilient Systems and Communities covers the technical and social currency of flood resilience through community & neighbourhood adaptation to frequent or extreme flooding.

Climate Change Adaptation will explore amphibious construction's potential as an adaptive strategy to accommodate climate change.

Indigenous Voices explores themes of environmental stewardship, social justice, the relationship between land & water & alternatives to profit-first development.

Vernacular Amphibious Solutions presents case studies of the historical application of amphibious construction by native and non-industrialized populations & grass-roots builders.

Concepts, Typologies and Designs will feature innovative concepts, typologies and designs ranging from individual building scale to the scale of neighborhoods, cities and regions.

Case Studies will feature amphibious construction projects that have been successfully realized. They will highlight the necessary steps for implementation and how the process can be replicated.

Technology and Construction. With different approaches used around the world, there is great potential to accelerate the development and optimization of amphibious technology and construction through international collaboration and the sharing of lessons.

Opportunities for Business will discuss entrepreneurial, financial and logistical dimensions of amphibious construction.

Challenges to Implementation will discuss the impediments, policies, and regulations at local, regional and national levels that inhibit the realization of amphibious construction.

Visions for the Future will explore new ways of living with water that amphibious design makes possible. What visions of the future can we imagine?

ICAAD 2017 will build on the **ICAAD 2015** conference, discussing recent advances in this emerging field and exploring the role of amphibious buildings as a catalyst for change. For access to the 2015 conference website archive, please visit www.icaad.org/2015.

Sponsorship at a Glance

*Show your support for **ICAAD 2017** and establish yourself as a forward-thinking company fighting climate change through innovative flood mitigation practices.*

	Diamond	Platinum	Gold	Silver	Donor
	\$10,000	\$5,000	\$2,500	\$1,000	\$200
Sponsorship Perks					
Handouts in conference bag	✓	✓	✓	✓	✓
Logo on ICAAD website	✓	✓	✓	✓	✓
Printed program and signage	✓	✓	✓	✓	✓
Conference registrations	3	2	1	1	×
Tickets to banquet	3	2	1	1	×
Podium acknowledgement	✓	✓	✓	×	×
Exhibition booth	✓	✓	✓	×	×
Mention on social media	✓	✓	×	×	×
Presentation opportunity	✓	×	×	×	×
Logo on conference bag	✓	×	×	×	×

Diamond Level

\$10,000

Amphibious Home
Buckinghamshire, UK
Baca Architects



Platinum Level

\$5,000

Maasbommel Amphibious Housing
Maasbommel, Netherlands
Dura Vermeer/Factor Architecten

Gold Level

\$2,500

FLOAT House
New Orleans, Louisiana, USA
Morphosis and
Make It Right Foundation



Silver Level

\$1,000

Amphibious House
Bangkok, Thailand
Site-Specific Architecture

Donor Level

\$200

LIFT House
Dhaka, Bangladesh
Prithula Prosun
University of Waterloo





You can Make a Difference.

Through sponsorship of **ICAADE 2017** you can support innovation with the potential to have positive impact on hundreds of millions of lives. We're glad you're on our team.

As global climate change causes sea levels to rise and weather events become more extreme, the occurrence of severe floods will continue to become more common around the world. The large populations living in deltaic or riverine floodplain regions will be particularly severely affected, especially those living at the lowest levels of income. Flooding is estimated to represent 40% of all natural hazardous events in the world and is one of the most tangible results of anthropogenic climate change. While the frequency and intensity of flood events are increasing, only 1% of development aid goes toward disaster risk reduction.²

Events like **ICAADE 2017** would not be possible without companies like yours. From small donations sponsoring student attendance to larger contributions supporting the keynote speakers and conference events, you will be helping to connect students, researchers, policymakers, and international authorities from a broad range of disciplines who are investigating innovative amphibious solutions to flooding.

Sponsorships are also available for the Amphibious Design Student Workshop and International Policy Symposium.

Questions?

www.icaade.org

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20%

of the world's
population

lives in river basins at risk
of frequent flooding³

40%

of the world's
population

lives in coastal areas at
risk of sea level rise⁴

2.3

BILLION PEOPLE

affected by floods in
the past 20 years⁵