

# AQUATECTURE 2018

ARCHITECTURE  
COMPETITION

website:  
[aquatecture.volzero.com](http://aquatecture.volzero.com)



Water – an element in nature that life is constantly surrounded by; an element that has given birth to life on Earth and continues to support it. Although we made our shift to land, our bond with water still remains significant as ever; it is an element that is a basic necessity for our survival.

The life on Earth is today plagued by adverse climate changes, global warming, the increasing toxic emissions, rising population, and scarce land resources. With various countries, such as Holland, fighting rising water levels for decades and with the current trends, it is now time to brace ourselves against the unseen future and design solutions to cope with the ever-changing paradigms of nature.

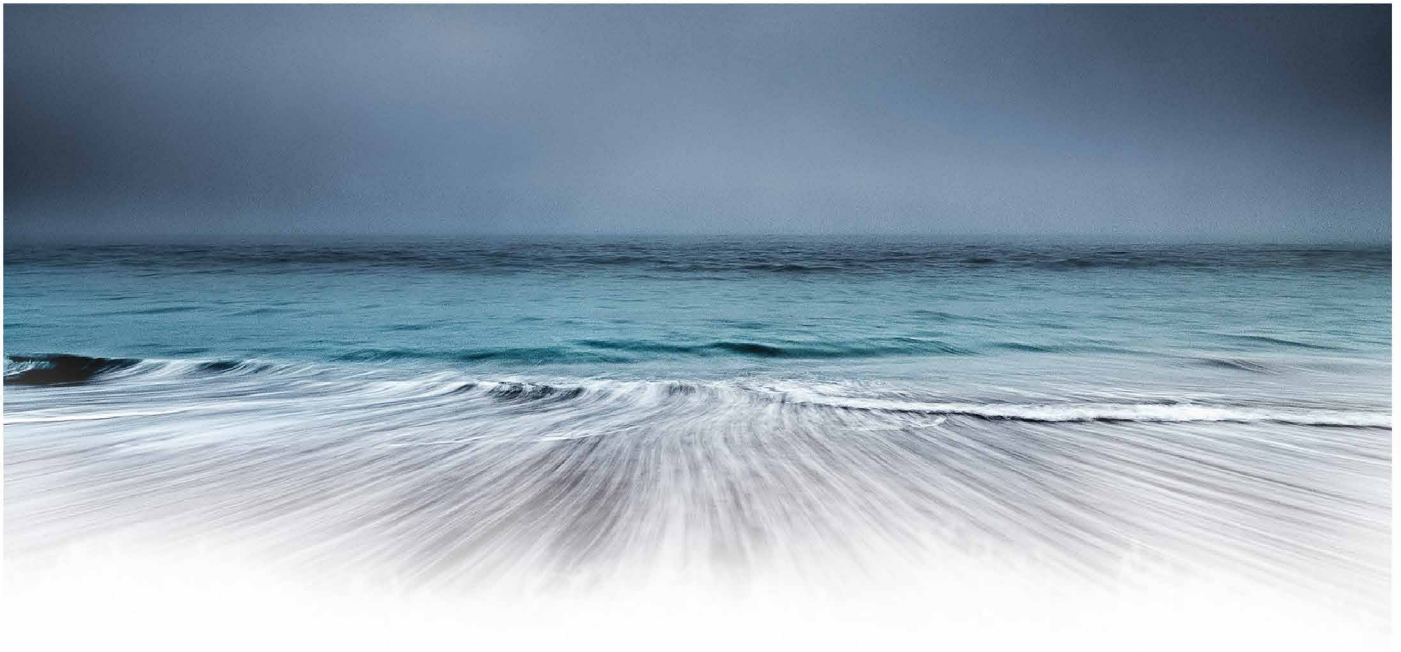
Today, the discourse of ‘smart cities’ has overtaken every conversation discussing the future of architecture. It is a glaring question as to how are we going to address the equation between the contrasting aspects of ecological crises and technological advancement for building our futures.

Covering 71% of the Earth, it is now time to look at the water again as a harbinger of life in the near future; a place where human life can again thrive in its original glory. Creating living spaces on water will soon become a need to survive as a community on Planet Earth.

## “What happens in the Arctic, does not stay in the Arctic”

Extract - Greenpeace report on melting ice in Arctic





We believe that architects and designers possess the necessary tools and skill set to formulate comprehensive design concepts that have the innate capabilities to help adapt to an issue that is both, multifaceted and enormous.

We invite architects, designers, engineers, teachers, thinkers, students and everyone who can imagine a Utopian Aquatic World for the future humans to live in. The participants should focus on creating solutions that enable people to live safely and adapt comfortably to the impending climate change, thus securing living spaces for our future generations.

**The competition challenges the participants to create futuristic, water-based habitat for humans to prosper and thrive on this aquatic/amphibian Home that is flood resilient.**

The participants are to design an aquatic/amphibian Home that can house 20 individuals with spaces to live in (sleep, rest, sanitize, work and interact). The spaces in the program can support the following:

- Relaxation
- Interaction
- Food Generation
- Food Storage
- Water and Energy Generation

The participants are free to think and create their own spaces as a part of the program for the challenge.

The aquatic/amphibian dwelling should be self-sustainable, environmentally sound and should be able to survive the harshest seas and weathers of the world.

The dwelling can be movable by itself or can use an external agent for changing its location around the world.

The participants are to design thinking of a utopian future for humanity on water, one that can be replicated around the world in any number.

# SUBMISSION



## REQUIREMENTS

The entrants must complete the online registrations and the submission must include, (but are not limited to) the following required drawings.

Three dimensional representations explaining the design, perspectives and montages which illustrate the character of the project.

Building / Site sections which illustrate key aspects and major spatial or programmatic elements.

Floor plans to show the interior spatial arrangements and program elements.

Elevations demonstrating qualities such as material, texture, and colour.

Large scale drawing that illustrates innovative details or integrated aspects of design.

All drawings should be presented at a scale appropriate for the design solution and include a graphic scale for reference.

## LEGIBILITY

As the submissions will be displayed and evaluated as a web presentation, distinct legibility on-screen plays an important role in a good web appeal.

## FORMAT

The sheet must be submitted in JPEG format (150 DP Resolution), file size not exceeding 5 MB

The file must be marked with your unique identification number, presented clearly in the top right corner on the A1 sheet

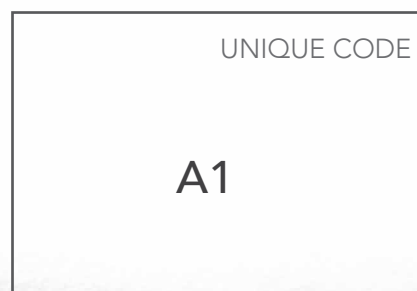
The sheet must not include **ANY INFORMATION** (Name, Organisation, School, etc.) that may give away your identity.

All text must be in English, with a **MAXIMUM of 200 WORDS** for project explanation with a readable font size (to be provided on the A1 sheet itself).

All dimension should be in imperial or metric unit system.

Any other submission other than the above mentioned format would not be accepted.

## SHEET FORMAT



Size  
841 x 594 (mm)



## SCHEDULE

**Early Bird Registration:** 26th June 2018 to 31st August 2018

**Participants from India** - INR 1800 (per team)  
**Participants from Other Countries** - USD 65 (per team)

**Standard Registration:** From 1st September 2018 to 30th September 2018

**Participants from India** - INR 2400 (per team)  
**Participants from Other Countries** - USD 85 (per team)

**Last Day for Queries :** 15th September, 2018

**Closing Date for Submission :** 10th October 2018

**Announcement of Winners :** 10th December 2018

## JUDGING CRITERIA

The final entries will be judged by an esteemed panel of judges who are experts in the subject matter. The jury panel will judge the submitted entries as per the criteria mentioned below:

**Design Innovation:** The participating entries will be judged on the basis of the innovativeness of the design ideas and concepts.

**Site Selection:** The entries will be judged on the location of the site selected and the design's responsiveness to the same.

**Self - Sustainability:** The entries submitted have to address the aspect of sustainability as the designs have to be viable in the site context and unforeseen climatic conditions.

## AWARDS



Volume Zero Trophy  
Certificate of achievement



Volume Zero Trophy  
Certificate of achievement



Volume Zero Trophy  
Certificate of achievement

+

**5 Honourable Mentions & 10 Special Mentions**

★ \$100 ★

Top 5 honourable mentions will receive \$100 Each

## PUBLICATION & WEBSITE EXHIBITION

All the Winners and Honourable mentions would be published in Volume Zero website and other leading international web magazines. All the participants would receive a certificate for participation

## RULES & REGULATIONS

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English is to be used as the language of communication for all drawings.

The deadline for submissions is 11:59 PM IST 10th October 2018. Submissions after this deadline will not be considered.

The identity of the participants needs to be anonymous. The registration number is the only form of identification for the entries.

The registration fee is non-refundable.

The participants should not contact the jury under any circumstances.

All participants must accept the rules and regulations of the competition.

The participants may face disqualification if any of the rules are not followed.

Volume Zero reserves the right to modify the schedule of the competition.

## QUERIES

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Please feel free to write to us regarding any queries that you may have related to the brief or the competition. Send us your questions to '[questions@volzero.com](mailto:questions@volzero.com)' with '**FAQ Aqua**' subject until **15th September 2018**.

We request the participant teams to keep checking the FAQ section on the website frequently to be updated about additional information provided.

## DISCOUNTS

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To receive special student discounts for group registrations (**applies for more than 3 registrations per University / School**) send us a request on '[questions@volzero.com](mailto:questions@volzero.com)' from your university email address with basic information about yourself and ID proofs.

## COMPETITION ENTRY

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We invite everyone, irrespective of their professions or qualifications, to join the competition and present their ideas. **Participants are free to submit multiple entries but each entry needs to be registered separately.**

Alongside individual entries, team entries are also allowed. **A team can have a maximum of three participants. Interdisciplinary teams are also welcome to join.**

After your registration has been approved, you will be sent a unique identification number for your team / entry which will be necessary to submit your proposal. If you haven't received a confirmation within two business days, please contact us at [questions@volzero.com](mailto:questions@volzero.com) or our Facebook profile.

All the best !

Don't forget to follow us on social media and subscribe to our newsletter to be updated about all our news.

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