



Water-less or Water-more

"Design radical ideas for extreme scenarios"

Our world is experiencing climate change and we are already beginning to confront extreme climate uncertainties and water volatility. In the recent past, there has been an increase in outbreaks of drought and flooding, which has affected many major cities around the world. For instance, the acute water shortage in Cape Town, led to the world watching the 'Day Zero' crisis unfold. Similarly, recent floods in Chennai, Bangalore or Jacobabad (Pakistan) and drought in Latur has highlighted the major vulnerabilities cities could face in future. Further, as cities become more urbanised, the increase in impervious surfaces only exacerbates the problem by reducing ground water recharge or increasing surface water runoff.

These situations, depending on the context, have led to some cities experiencing depletion of ground water reservoirs, shrinking fresh water sources or increase in flash floods. Thus, thinking about water systems (whether with less or extreme flooding or the flux) is inevitable in the coming years.

So this year's GSEN brief challenges young designers to imagine ideas of combating or embracing such extremes or uncertainties. We want participating schools to propose visionary and radical ideas for tackling any of the scenarios- drought or flooding to mitigate the risk.

POSITION AND THEME:

In your chosen context and scenario, to respond to the brief, you are free to imagine mechanisms of any kind such as retrofitting water infrastructures or designing new devices to tap fresh water. Similarly, you could think of creating porous sponges or wetland systems in urban areas to mitigate floods. You could also imagine completely utopian solutions or new spatial formations (like living in inundated zones) where systems of living are futuristic to combat the extreme situations. Make sure your architectural infrastructures or spatial settings are detailed and well-crafted to give your proposal strength and realism.

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CONTEXT AND SITE:

With regard to the site, there is no limitation (could be a neighbourhood in the desert, or in a coastal belt, or an actual neighbourhood from your city). Using the context, build a case for what you are addressing in relation to the theme (drought or flood) and develop coherent solutions. The scale and details can depend on the story you are building as long as you are able to convey the intent and design clearly for the extreme situation chosen.

We want inspiring visions that tap into new possibilities or trigger discussion on transformative ideas addressing an uncertain future to a resilient one. We also want you to think outside the box and bring contemporary solutions through architectural and spatial innovation that tackle issues of water-less or water-more in this age of Climate change.

SUBMISSION REQUIREMENTS

- The project should be expressed within **TWO (2) A1 size sheets**.
 - Sheet 1: Should contain- concept, plan, details of the project and short text (up to 200 words) to explain the project and scenario being addressed
 - Sheet 2: Compelling strong views of the architectural and spatial innovations to address the theme. (2-3 views)
- The project visuals should also be expressed in **6 Digital Postcards of 210MM X 210 MM** (square) with little or no text (limit to one line for explaining the visual).

JUDGEMENT CRITERIA

- The clear articulation of the scenario - water less or water more - reflecting thematic clarity
- Innovative architectural/ urban solutions drawn with precision to address the concept
- Designs able to translate the ideas into clear spatial strategies that are visible in plans, or sections and 3d views.
- Overall visualisation and communication of the project.

PRIZE MONEY

Prize money of Two lakh Rupees is allotted to the trophy and it will be divided according to the number of the Citations and Special Mentions.

IMPORTANT DATES

- Release of Brief: **14th October 2022, Friday**
- Registration Deadline: **28th October 2022, Friday 1800 hrs IST**
- Queries Deadline: **02nd November 2022, Wednesday 1800 hrs IST**
- Submission Deadline: **7th December 2022, Wednesday 1800 hrs IST**

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GENERAL SUBMISSION GUIDELINES

Failing to comply with any of the guidelines may lead to disqualification at the discretion of the executive council.

- All text should be in English.
- The projects should use the decimal metric system and contain a metric graphic scale in order to enable publication in reduced formats.
- The format of the sheets should clearly mention the name of the trophy followed by the year i.e. "GSEN Trophy 2022-23"
- The format of the sheet should contain a square box of 25mm*25mm at the bottom right-hand corner, next to the NASA INDIA logo which should have the unique registration number allotted to the participants after registrations.
- 10MM White margin is to be left on all sides of A1 sheets.
- The scale is left to the discretion of the participant(s) to the condition that the scale should be in metric system and all the drawings should be clear and legible.
- Manually rendered entry should be scanned at least in 300*300dpi (dots per Inch) resolution.
- The soft copy (non-editable format) of the sheets along with authentication letter, declaration letter and any other required documents prescribed in the submission requirements should be uploaded on the website by the submission deadline.
- The soft copy file of the sheets should not be corrupted or incomplete or in low resolution.
- It is mandatory to produce the original copy of the Authentication Letter for each entry (entry code should be mentioned if allotted) with the name of participant(s) and stating the unit will abide by whatever may be the final results and also agree that this entry is a property of both the institute and NASA India.
- The Authentication Letter should be signed by the HOD/Principal/Director of the unit.
- It is mandatory for the colleges to produce the original copy of the Declaration Letter for each entry (entry code should be mentioned if allotted) signed by the participants stating the work submitted is genuine and they have endorsed copy- rights for the same and to adhere by all the rules and regulations, jury process and the results.
- The Prize Money Authenticating Letter signed by the Director/ Principal / HOD in the college letter-head specifying the account details (Account Name, Account Number, Bank Name, IFSC Code) in which the money is to be credited for each entry (entry code should be mentioned if allotted) shall be collected at a later stage.
- The working files in editable formats of the Shortlisted Entries should be submitted to the Council, failing which, the submission requirements would be deemed incomplete leading to the prize money being withheld.
- Shortlisted Entries with manual hand-done sheets should submit high quality scans (min. 300*300 dpi) along with the content in a word document of the shortlisted entries should be submitted to the Council, failing which, the submission requirements would be deemed incomplete leading to the prize money being withheld.
- Any misconduct such as exposing identity through college name/ stamp participant(s) name or college code on the sheets or the video will be disqualified.

SHEET & NASA INDIA LOGO GUIDELINES

Failing to comply with any of the guidelines may lead to disqualification at the discretion of the executive council.

- The sheet template to be followed is available at:
<https://drive.google.com/drive/folders/1rOwwv11W4ifDw5HwTDiACd-1LTyM7XmW?usp=sharing>
- NASA India Internal Logo shall always be placed on the right-hand bottom corner of the sheet.
- NASA India logo should not be merged, overlapped etc. with any sort of text, graphic, image, etc.
- NASA India logo should be in true black with a perfectly white background.

CHECKLIST FOR SUBMISSION

1. Online Submission
2. Original Copy of Authentication Letter
3. Original Copy of Declaration Letter
4. Editable Format of the Sheets (Applicable if shortlisted)

OTHER INFORMATION

- Maximum **One (01) Number of Entries** Will Be Accepted Per College.
- Queries can be put forward through the trophy page on the website (<http://www.nasaindia.co>)
- Registration should be done by the Unit secretary in NASA India website before the registration deadline.
- Registration of the trophies will be final and cannot be changed or withdrawn henceforth.
- All the entries should be uploaded separately during the time of online submission.
- Late Registration and submission will not be entertained and henceforth the defaulters shall be disqualified.

Moderator and Authors

The Moderator for GSEN Trophy for 2022-23 is **Mansi Shah** (Adjunct Assistant Professor, Urban Design, CEPT University) and the brief is co-authored with **Chandrani Chakrabarti** (Program Coordinator, Landscape Architecture, CEPT University).

Any form of communication from the participants to the Moderator/Authors/Jurors will lead to disqualification.

All the Best!

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