



THE 21ST ASIAN CONGRESS OF
ARCHITECTS - INCHEON



Report on SDC 2025

ACA21 Incheon

September 10, 2025

Report on Progress

March 10, 2025		Awards Announcement
March 10, 2025		Submission Opens
June 30, 2025		Submission of 3 Finalists
July 15, 2025		Extension of Deadline, Submission Close
July 28, 2025		1st Jury
July 28~Aug 21, 2025		Jury Sessions
Aug 22, 2025		2nd Jury
Aug 25, 2025		Finalist Announcement
September 10, 2025		Award Ceremony

Poster Presentation



THE 21ST ASIAN CONGRESS OF
ARCHITECTS - INCHEON

2025. 9. 8. - 9. 12. Incheon, KOREA



ARCASIA STUDENTS' DESIGN COMPETITION 2025

THEME

PLUG-IN ARCHITECTURE FOR A BETTER TOMORROW

Announcement of Competition	10 March, 2025
Submission Closes (submission to Member Institutes)	10 June, 2025
Submission of 3 Finalists from each Member Institutes to KIRA	30 June, 2025
Final judging and notification of the finalists	30 July, 2025
Award Ceremony	10 September, 2025 during ACA 21



For Submission details and other inquiries

Email sdc2025.arcasia@gmail.com

Please enter the QR code

or visit : <https://arcasia.org/arcasia-student-design-competition/>

 Korea Institute
of Registered Architects

 Incheon
Metropolitan City

Jury Members

Bernard Gomez

From Sri Lanka, representative from ARCASIA Zone A



Chutayaves Sinthuphan

From Thailand, representative from ARCASIA Zone B



Francesco Rossini

From Hong Kong, representative from ARCASIA Zone C



Jonathan Manalad

Chairman of ARCASIA ACAE



Chan Hui Min

Director of DP architect, ARCASIA President's nominee, from Singapore.



Convenor

Suhyun Yim

From South Korea, representative from KIRA (Hosting Institute)



Submissions Overview (48 Entries)

Category	Country	Organization	Submission Number
Zone A	Bhutan	BIA	0
	Bangladesh	IAB	3
	Pakistan	IAP	3
	India	IIA	1
	Sri Lanka	SLIA	3
	Nepal	SONA	3
	Maldives	AAM	0
Zone B	Laos	ALACE	0
	Myanmar	AMA	0
	Thailand	ASA	3
	Indonesia	IAI	3
	Malaysia	PAM	3
	Brunei	PUJA	3
	Singapore	SIA	3
	Philippines	UAP	3
	Vietnam	VAA	3
	Cambodia	CSA	0
Zone C	Macau	AAM	3
	China	ASC	3
	Hong Kong	HKIA	3
	Japan	JIA	2
	North Korea	KAU	0
	Republic of Korea	KIRA	3
	Mongolia	UMA	0
Total			48

Finalists

Student Name	MI	Country	Finalists	Special Award	Number	Project Name
YIN Shaojing	ASC	China	Finalist		7	Road Right Revolution
Cai Anqi	ASC	China	Finalist		8	To Gather
CHIU Cheuk Lun (Tony)	HKIA	Hong Kong	Gold Medal	'Specific Design Challenge'	10	Street, Landscape & Densification in Wan Chai
WANG ZHIXI	HKIA	Hong Kong	Finalist		12	Resilient Interfaces: Adaptive Public Spaces in the Slum- Highway Interstice
Taiki Fujikawa Nina Sugimoto	JIA	Japan	Finalist		17	ECO BOXES (Regenerate the Ecosystem across Sumida River)
Muhammad Areeb Khan	IAP	Pakistan	Finalist		27	Indus Downstream Challenges
Yoo Hyun Kyung	KIRA	Republic of Korea	Finalist		33	CITY RAINWATER PLATFORM
Liu Zepu	SIA	Singapore	Finalist	'Innovative and Originality'	37	Icarus Anatomy
Taksin Jupamanai	ASA	Thailand	Finalist	'Consideration of Global Needs and Challenges'	42	Let the Rice Barn Tell Our Story

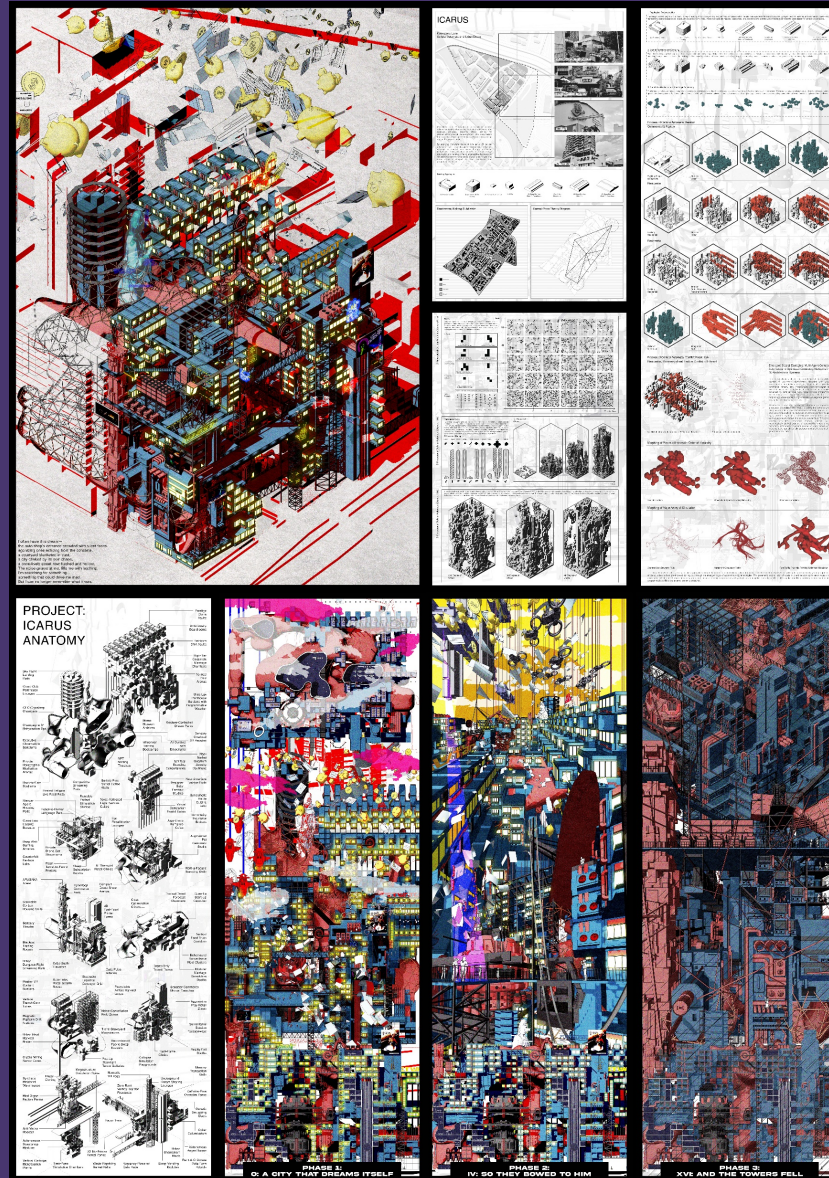
Special Prize

Innovative and Originality Prize

Liu Zepu

Icarus Anatomy

SIA



Special Prize

Consideration of Global Needs and Challenges Prize

Taksin Jupamanai
Let the Rice Barn Tell Our Story

ASA

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Let the rice barn tell our story

PROBLEM STATEMENT
As time passed, the village became filled with newly constructed houses. The open spaces in front of the houses were gradually disappeared for being too small. Although only the rice barn (bakho) remained in some households, they are now used exclusively for rice storage. Who to use dedicated rice-drying areas, where will we dry our rice?

SUSTAINABLE DEVELOPMENT GOALS
2 AFFORDABLE HOUSING
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Factor for rice drying
Air Ventilation
Sun Light
Air Temperature
Low Humidity

Transforming rice barn to rice drying area
Rice Barn Type 1
Rice Barn Type 2
Rice Barn Type 3

1 Floor plan
2 Floor plan
Key Plan

ELEVATION A **ELEVATION B** **ELEVATION C** **ELEVATION D** **SECTION**

There are 65 Existing rice barns in the village

Traditional is the both legend-rice producer in the world. As a result, The farmers build rice barns to store their harvest for both consumption and sale throughout the year.
One of the crucial steps before storage is drying the rice to prevent moisture-related damage. One of the ways to do it is to use the traditional open-air rice drying method. Sun-drying has therefore become a key method for reducing production costs in an area of extremely low prices and steadily rising agricultural expenses.

In the past
Rice was dried in the open air under the sun.

In the present
Rice barns have been built to store rice, but they are not used for drying rice.

what will we do next?
Harvesting Process of Rice
1. Harvesting
2. Drying
3. Storage
4. Transporting

After the harvest season, these areas can be adapted to accommodate other activities based on the season or current needs. Examples include becoming a village market, a space for religious ceremonies, or another traditional festival, all of which harvest rice from place in the open areas in front of houses.

After the harvest season, the rice barns can be used as a community space.

It is an area for drying rice that comes from traditional rice barns.

Honorary Mention



YIN Shaojing
Road Right Revolution

ASC



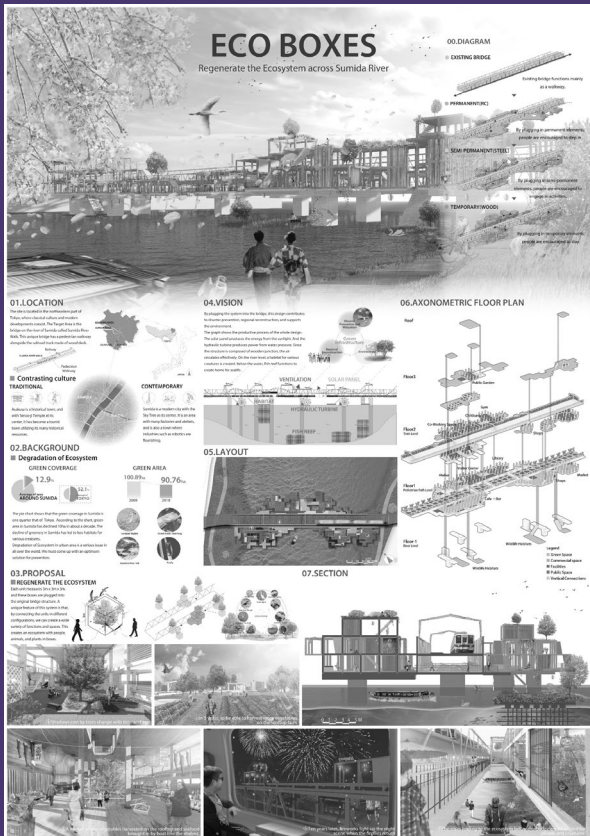
Cai Anqi
To Gather

ASC

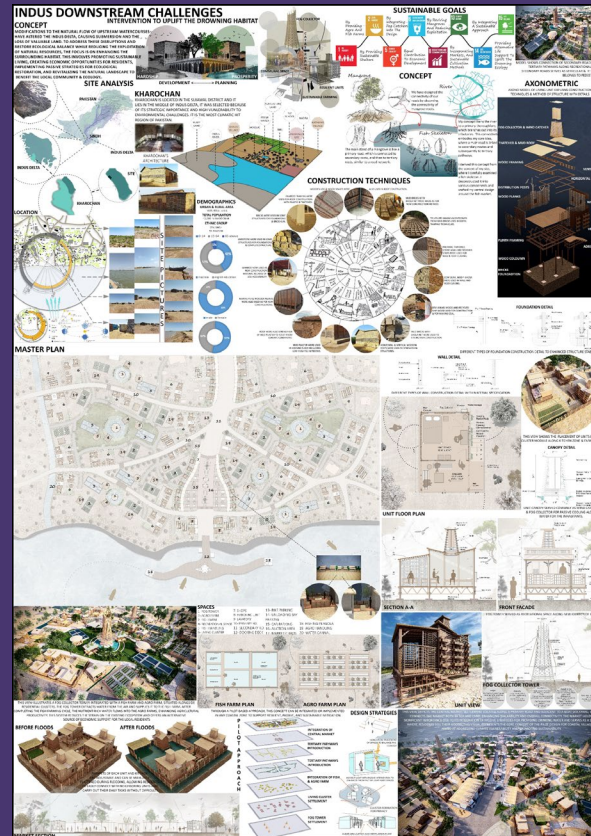


WANG ZHIXI
Resilient Interfaces: Adaptive Public Spaces
in the Slum- Highway Interstice
HKIA

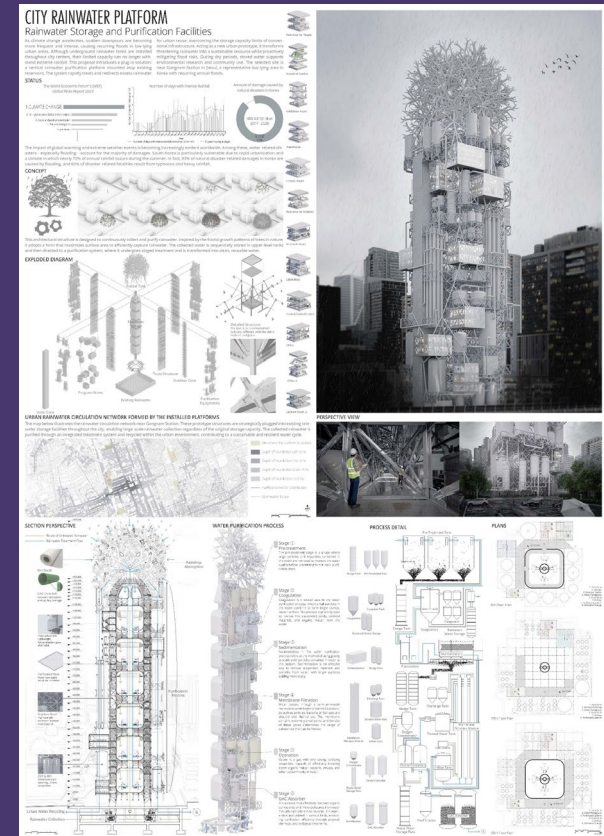
Honorary Mention



Taiki Fujikawa
ECO BOXES
 Regenerate the Ecosystem across Sumida River
 JIA



Muhammad Areeb Khan
Indus Downstream Challenges
 IAP



Yoo Hyun Kyung
CITY RAINWATER PLATFORM
 KIRA

Judging Process

1st Meeting

July 30, 2025

Introduction and Discussion on Procedures and Methods

2nd Meeting

Aug 22, 2025

Review and Discussion of Preliminary Results, Final Judging

Appreciation

1. Jurors

2. Admin Team



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Thank You!
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