ABOUT ACGSA

ACGSA Air Philosophy
The ARCASIA Committee on Green & Sustainable Architecture (ACGSA) is continuously working towards the objectives of ARCASIA to promote the Sustainable Development Goals & promote Green & Vernacular building practices by using the AIR Philosophy:

**AWARENESS**
To spread awareness about the sustainable development goals of ACGSA

**IMPLEMENT**
To make it a habit for everyone involved to act upon in their everyday lives

**RESEARCH**
To be informed by extensive research on new technologies & methods to tackle problems & achieve goals
ACGSA Chairs/ Past Chairs

Ar. Tushar Sogani
Chairman – ACGSA
(Indian Institute of Architects - IIA)

Ar. Qazi Arif
Past Chair – ACGSA
(Institute of Architects Bangladesh - IAB)

Ar. Dr. Acharawan Chutarat
Immediate Past Chair – ACGSA
(The Association of Siamese Architects - ASA)

Ar. Debatosh Sahu
Past Chair – ACGSA
(Indian Institute of Architects - IIA)

Ar. Alice Leong Pek Lian
Deputy Chair – ACGSA
(Pertubuhan Akitek Malaysia - PAM)
ZONAL REPRESENTATIVES

Zone A Representative
Ar. Prof. Zebun Nasreen Ahmed
(Institute of Architects Bangladesh - IAB)

Zone B Representative
Dr. Ar. Nguyen Quoc Tuan
(Vietnam Association of Architects - VAA)

Zone C Representative
Ar. Donna Wu
(Architects Association of Macau - AAM)
ACGSA TEAM — Official Representatives (Zone A)

Ar. Gaurav Agarwal
(The Indian Institute of Architects - IIA)

Ar. Sujaul Islam Khan
(Institute of Architects Bangladesh - IAB)

Ar. Mishaal R. Merchant
(Institute of Architects Pakistan - IAP)

Ar. Damith Premathilake
(Sri Lanka Institute of Architects - SLIA)

Ar. Ruchi Bajracharya
(Society of Nepalese Architects - SONA)
ACGSA TEAM – Official Representatives (Zone B)

- Ar. Amornrut Det - Udomsap (The Association of Siamese Architects under Royal Patronage - ASA)
- Yaseri Dahlia Apritasari (Ikatan Arsitek Indonesia - IAI)
- Ar. Alice Leong Pek Lian (Pertubuhan Akitek Malaysia - PAM)
- Ar. Tan Szue Hann (Singapore Institute of Architects - SIA)
- Ar. Michaela Rosset (United Architects of Philippines - UAP)
- Dr. Ar. Nguyen Quoc Tuan (Vietnam Association of Architects - VAA)
ACGSA TEAM – Official Repesentatives (Zone C)

- Ar. Rover Cheung (The Hong Kong Institute of Architects - HKIA)
- Ar. Terukazu Nii (The Japan Institute of Architects - JIA)
- Ar. Kyutae Do (Korea Institute of Registered Architects - KIRA)
- Ar. Tsocoodavaa Gantumur (Union of Mongolian Architects - UMA)
- Ar. He Ching (Architectural Society of China - ASC)
- Ar. Donna Wu (Architects Association of Macau - AAM)
ACGSA EVENTS 02

Selected projects and events within the spectrum
Every year a round table conference is held which invites architects from many different countries to gather and discuss the possible solutions to problems, sustainable practices and upcoming technologies worth including in everyday architectural practice.

ARCASIA’s 12th Round Table Conference was hosted by The Indian Institute of Architects (IIA) in Jaipur, India on May 23, 2022 over the theme: Bringing Back
A first of its kind, hybrid committee meeting was held during the ARCASIA Forum-21 at Ulaanbaatar, Mongolia. Member institutes from all over the world joined in for discussions on the main theme entitled - 'Alternative Energy Options for the Future', a topic chosen after careful consideration because the world now needs to prioritize to transform our energy systems and speed up the shift to renewable energy - “because without renewables, there can be no future.”
ACGSA
COMMITTEE ON GREEN & SUSTAINABLE ARCHITECTURE
ULAANBAATAR MONGOLIA
2022
Green AsiARCH Exhibition is held every year wherein different countries participate to display ideas and projects pertaining to sustainability.

The best 02 projects from each country member institute are selected for the display in the exhibition.

ARCASIA’s 04th Green AsiARCH Exhibition was hosted at Ulaanbaatar, Mongolia during the ARCASIA Forum – 21.
Country: Hong Kong – Project 01
Project: InnoCell
Hong Kong Science Park
Architect: Leigh & Orange Limited
Country: Hong Kong – Project 02
Project: On Tai Estate, Kwun Tong, Kowloon
Architect: HKHA – Hong Kong Housing Authority

The old Anderson Road Quarry, used to be a barren land at the urban fringe, has been transformed into an "Urban Oasis" restoring green lives for a new community of 8,500 families in 11 domestic blocks.

The development connected the existing MacLehose trail and the future Anderson Quarry Park and also respected the Tai Sheung Tok ridgeline in the building block disposition which harmonized with nature. Based on findings from the public engagement workshops, we initiated the connection to four existing estates, decided on the local provisions, fixed the green oasis theme, and allowed connections to future developments.

Project Description
Country: Malaysia – Project 01
Project: 1 LASAM, Ipoh
Architect: Kuee Sheau Shyuan
Country: Malaysia – Project 02  
Project: Wao Shelter Home, Klang Valley  
Architect: Syah Kamaruddin
Country: Japan – Project 01
Project: Miyako Shimojishima; Airport Terminal, Okinawa
Architect: Shinji Kaneuchi & Masanobu Koizumi
Country: Sri Lanka – Project 01
Project: The Quarry Site, Nature Pavilion
Architect: Gayan Herath Chartered Architects
PANNAR SUFFICIENCY ECONOMIC AND AGRICULTURE LEARNING CENTER

Location of Project: Nai Mueang, Thailand.
Year Completion: 2021
Cost:
Total Floor Area:
Site Area: 14 acres
Architect: Vin Varavarn Architects
Cost of the project ($):
Awards:
- National Best Architecture ASA Gold Award 2022, for Sustainable/Social Architecture
- Golden Pin Design Mark Awards, Taipei, 2021

Country: Thailand – Project 01
Project: Pannar Sufficiency Economic & Agricultural Learning Center
Architect: Vin Varavarn Architects
Location of Project: The Forestias, Samut Prakan, Thailand
Year Completion: 2020
Site Area: 48,000 square meters.
Total Floor Area: 1,230 square meters.
Architect: Foster + Partners – Foster + Partners
Local Architect: DT Design
Interior Designer: Bug & DT Design
Landscape Designer: IK Studio Co.
Structural and Civil Engineer: Eec Lincoln Scott
Mep Engineer: EEC Engineering Network
Lighting Specialist: Apld
Hardscape Contractor: Christiansen & Nielsen (Thai)
Softscape Contractor: CPS
Quantity Surveyor: Aacom (Thailand)
Sustainability Consultant: Atelier Ten Ltd.
Awards: National Best Architecture ASA Gold Award 2022 for Office/Commercial Building

FOREST PAVILLION at The Forestiers

Country: Thailand – Project 02
Project: Forest Pavilion
Architect: Fosters + Partners
Country: Brunei – Project 01
Project: Eco Luxury Resort
Country: India – Project 01
Project: School in the Dump yard, New Delhi
Country: Bangladesh – Project 01
Project: Vision Garden, BPATC, Savar, Dhaka
Architect: Ahsan Samim Sumit
Country: Bangladesh – Project 02
Project: Ekmattrra Dutch, Bangla Bank Academy
Architect: Iqbal Habib, Ishtiaque Zahir Titas, Shahnaz Akhter
Country: China – Project 01
Project: Han Theatre of Wuhan International EXPO Center
Architect: Wang Xiaohui, Liu Ying, Yin Jintao, Xia Ni, Wu Sixing
Project Overview

Country: China
Name of the Project: The Renovation & Adaptive Reuse of the Panoff Mansion
Location: Wuhan, China

Land Area: 1281.06m²
Built Area: 12519.24m²

Year of Completion: in progress

List of Professionals:
Architects: Xiao Wei, Qi Wei, Zhang Xi, Wang Xiang, Li Yuting, Zhang Wenzhu
Structures: Zhong Jun, Lei Daowei, Zhang Si
MEP & Sustainable Design: Zhang Fan, Cai Xiongfei, Shen Jinhong, Tang Xiaoling

Cost of the Project: 17.53 million 5
Country: Pakistan – Project 01
Project: Telenor Campus, Islamabad, Pakistan
The Vernacular Wisdom book was launched and distributed in the ARCASIA Forum - 21. The major attraction of the meeting was the launch of the this book which was the outcome of the previous meetings of ACGSA Committee under the editorial panel of Ar. Qazi M Arif, Ar. Debatosh Sahu & Ar. Acharawan Chutarat, Ar. Tushar Sogani & Ar. Amina Q Mirza.
Speakers from 05 different countries got together to host a webinar that tackled the theme: **Water Management: Practices & Challenges**.

Water is a vital issue. Discussions in the webinar included questioning technologies and policy standards for the better use and implementation of adequate water supply as ‘Water itself is life’.

The Webinar was conducted on **December 19, 2022** online.
Water Management Practices & Challenges

- Ar. Gaurav Agrawal
The Indian Institute of Architects (IIA)

Presentation 1
Ar. Gaurav Agrawal (INDIA)
Presentation 2

Ar. Damith Pramithalake (SRI LANKA)
PAANI KI DOHRI KAHANI

Presentation 3
Ar. Mishaal Merchant (PAKISTAN)
Water Management
Practices and Challenges in Architecture
The Bangladesh Context

Ar. Dr. Zebun Nasreen Ahmed
Institute of Architects Bangladesh

Presentation 4

Ar. Zebun Nasreen Ahmed (BANGLADESH)
ARCASIA’s 13th Round Table Conference was hosted by The Society of Nepalese Architects (SONA) in Kathmandu, Nepal on January 18, 2023. The conference invited architects from many different countries divided into 03 main committees.

The theme of the ACGSA conference was entitled - ‘Resilient Architecture in Asia’.
During the 13th Round Table Conference, the 05 committees of ARCASIA: ACGSA, ACYA, ACAE, ACPP & ACSR gathered for discussions over the objectives of ARCASIA, promote the Sustainable Development Goals & promote Green & Vernacular building practices.
A Charter was pledged between the 05 committees of ARCASIA: ACGSA, ACYA, ACAE, ACPP & ACSR to promote & follow the Sustainable Development Goals & issues pertaining to Climate Change in every task of their committees, by virtue of webinars, workshops, competitions & any other implementation processes to promote the AIR Philosophy of ACGSA & ARCASIA.
An **MOU was signed** between the two committees of ARCASIA – **ACGSA & ACYA** to promote and follow the objectives of ARCASIA, promote the **Sustainable Development Goals** & promote **Green & Vernacular building practices**. They wish to take up assignments that foster and maintain mutual cooperation and assistance among member institutes in the Asian Region.

---

**MEMORANDUM OF UNDERSTANDING**

This MOU is entered between ACGSA and ACYA to jointly work in close collaboration over the following areas of mutual interest:

1. Both the committees are willing to work closely on the objectives of DGGA 2030. They wish to take up assignments that foster and maintain professional contacts, mutual cooperation and assistance among member institutes that benefits the entire fraternity in the Asian Region.

2. In order to promote sustainable development goals, it has been agreed to promote Green Building measures for betterment of the society in the Asian Region.

3. In order to promote continuous learning, they wish to have increased knowledge sharing sessions specifically to develop better understanding of the latest technology in the field of construction & real estate focusing on learning from Vernacular practices in the Asian Region.

4. Both the committees wish to take on the cause of developing & delivering better public spaces for a healthier community living.

5. They wish to take up assignments as a part of their responsibility to help the other committees.

6. Both the committees will not put any financial constraints on the ARCASIA for fulfilling the above agenda but will be well-coached to achieve all their goals.

---

An: Tushar Sagar
Chairman - ACGSA

An: Rama S. Adani
Chairperson - ACYA

27th November 2022, Dhaka, Bangladesh
Speakers from 05 different countries got together on 26th August, 2023 to host a webinar that tackles the theme: **Diversity in Sustainable Architecture**.
Diversity in Sustainable Architecture.

Zone - C Webinar
Diversity in Sustainable Architecture

Zone - C Webinar
Diversity in Sustainable Architecture.

Zone - C Webinar
“Preservation of the environment, promotion of sustainable development & particular attention to climate change are matters of grave concern for the entire human family.”

— Pope Benedict XVI
ACGSA HIGHLIGHTS

Video Highlights of the events held under ACGSA
Coming soon....

ACGSA COMPETITION

Design Competition to be held and juried by the ACGSA
Steps explaining the process involved in the design competition to be organized by ACGSA

**Step 01**
Entries to be invited from all participating countries

**Step 02**
ACGSA will select the **best 10 projects**

**Step 03**
The best 10 projects are then **displayed** in the exhibition

**Coming soon....**
THANKS!

ARCASIA Committee on Green & Sustainable Architecture