



UIA-HYP CUP 2024 International Student Competition in Architectural

Theme: Architecture in Transformation

Topic: Spatial Restructuring—Reestablishing Urban Density

Jury Chairman: Wang Shu

Registration Deadline: 24:00 (GMT+8) September 20th, 2024

Submission Deadline: 24:00 (GMT+8) October 10th, 2024

Jury Review: November 2024

I. Background

“UIA-HYP Cup International Student Competition in Architectural Design” was initiated in 2012. It is internationally sponsored by the Union Internationale des Architectes (UIA), organized by the School of Architecture, Tianjin University and Urban Environment Design (UED) Magazine. Shanghai HYP-ARCH Architectural Design Consultant Co. Ltd. is the Exclusive Naming Sponsor. It is an annual architectural competition which has been successfully held for 12 editions. Each year, the UIA-HYP Cup is chaired by an internationally renowned architectural master, and the jury panel is selected from among the world's most outstanding architects and deans from schools of architecture. To boost the architectural education which mainly focuses on basic skill training in its conventional and progressive system, UIA-HYP Cup International Student Competition takes the role as an external platform for student to embrace a brand-new thinking approach in order to improve their comprehensive problem-solving skill, meanwhile it is also some kind of headhunter for discovering emerging elite architects.

II. Content

Topic: Spatial Restructuring—Reestablishing Urban Density

China's urban development has entered an important period of comprehensive urban renewal,

and urban construction has shifted from large-scale incremental construction to equal emphasis on improvement of existing buildings and structural adjustment of the newly built ones. This decision of the government clearly indicates the end of the urban development stage of large-scale demolition and construction, and is also a timely correction.

The development model of Chinese cities in the past thirty years is a typical suburban expansion model in Europe and America. On one hand, this rough model contains serious social problems that may erupt in the future, and on the other hand, it causes destructive damage to traditional urban texture, density, and culture accumulated over thousands of years in various parts of China. Therefore, it is necessary to make the decision-makers in cities across the country realize that urban and rural renewal is not a development strategy that cities and towns have to adopt due to limited lands for construction, but a necessary path to rebuild China's own urban culture and promote true urban cultural revival. The premise of this understanding is a sense of crisis towards the collapse of Chinese urban culture.

However, it is almost impossible to simply preserve the original state, whether considering the cost of updating or the protection of texture and density of the city. For example, is it possible to make a breakthrough in development intensity and to what extent? How to balance the conflict between protection and development in the context of severe financial burden on cities and towns? If the protection of urban and rural texture is an unbreakable bottom line, how can we solve the inconvenience of construction caused by the dense and fragmented plots/streets in historical urban areas and towns? The high density of buildings in historical urban areas and towns has formed a unique atmosphere and popularity. How to solve the conflict between the existing standards on urban planning, building & fire safety and this situation? How to define what needs protection? From the perspective of protecting cultural memory and lifestyle, the protection scope of urban and rural renewal will definitely break through the protection scope of historical buildings. How to define this scope specifically? Updating means construction, and in order to balance funds, it often means increasing the intensity of construction. Should this construction comply with regulations for historical buildings or for new buildings? How to

achieve ecological block construction in high-density neighborhoods? If urban popularity and service industry require sufficient density, how can high-density neighborhoods achieve maximum openness with a large number of residential functions? These are the basic issues that architectural renewal design must consider from the beginning.

If the bottom line requirement for urban renewal is to adhere to the principle of "retaining, renovating, and demolishing," with a focus on preservation, reuse and improvement, encouraging small-scale and gradual organic renewal and micro renovation, paying attention to ecological restoration, and preventing large-scale demolition and construction, then, the next step in China's urban and rural planning and construction would be a total shift, a shift towards urban and rural renewal, which means that the existing design institutes' work models (short-term design, rapid project, large team, unified planning, one-time design, excessive commercialization and routine) will become completely ineffective.

Architects need to reimagine a design approach that combines the dual standards and depth of urban planning and architectural design. Choose a 500X500m block in a high-density old urban area in your city, and try to redesign it based on the premise that the texture and density of the urban road network cannot be changed. Communicate fully with local residents, carefully consider what shall be "retained, renovated, or demolished," and try to reconstruct an open, eco-friendly block that combines residential functions and service industries for a given population of 5,000 people. At the beginning of your design, consider what shall be appropriate implementation strategies and ways of construction.

It should be a state where urban memories are still preserved.

Format for presentation:

Three A1 boards. There is no limit to the format of the boards. Make your projects arresting, refreshing, intriguing and engaging.



Plans, sections, elevations and renderings can be used when needed.

A video no longer than 2:00 minutes.

- The video is not allowed to show personally identifiable information.
- Axonometric drawings, plans, sections, and renderings are expected.
- It is recommended to pay attention to the concept of green environmental protection and the utilization of new energy, and encouraged to use new technologies and methods for data collection, analysis, and visual expression.
- Cited data on the existing context is strongly encouraged.
- If AI tools are used to generate drawings and videos, contestants are requested to clearly label them.
- Your submission must be subtitled in English.

III.Organizations:

International Supporter: Union International des Architectes (UIA)

Hosting Organization: School of Architecture, Tianjin University, School of Architecture, Inner Mongolia University of Technology, Urban Environment Design (UED) Magazine

Co-hosting Organization: School of Architecture & Fine Art, Dalian University of Technology

Advising Institutions: Chinese National Evaluation Committee of Higher Architecture Education

Exclusive Naming Sponsor: Shanghai HYP-ARCH Architectural Design Consultant Co. Ltd.

Co-organizers: School of Architecture, Tsinghua University; College of Architecture and Urban Planning, Tongji University; School of Architecture, Southeast University; School of Architecture, South China University of Technology; School of Architecture, Harbin Institute of Technology; School of Architecture, Xi'an University of Architecture and Technology; Faculty of Architecture and Urban Planning, Chongqing University;

IV.Prize and Award:

1st Prize (1 team) :

Certificate and 100,000 RMB (before tax);

2nd Prize (3 teams) :

Certificate and 30,000 RMB (before tax);

3rd Prize (6 teams) :

Certificate and 10,000 RMB (before tax);

Honorable Mentions (several teams): Certificate;

Advisors of prize-winning projects will also be awarded with certificates.

V.Competition Procedure

- 1.This is a fair competition open to all architecture and relevant major students around the globe.Full-time on-campus architecture students from accredited institutions (including master and PhD candidates and graduate students of 2024) can participate alone or as a team with team members of no more than four people who shall not be from more than 2 different universities or colleges and advisors—who must be university or college teachers—of no more than two.
2. Only the team leader will be contacted when necessary if students participate as a team.
3. Log on, click “Online Registration” to fill out the registration form and submit online.
4. After filled in the registration form, participants will get a serial number (please take care to preserve it as each participant/participating team has only one serial number).
- 5.Please submit the digital version of drawings and related documents to UEDmedia@163.com, before the submission deadline, 24:00 (GMT+8) October 10th, 2024. The organizing committee accepts no printed version. Entries will be printed and exhibited together in due time.
6. With the assistance of the committee, juries will meet and decide the winners.
- 7.Inquiries related to the competition will be responded to via e-mail: UEDmedia@163.com.

VI.Submissions

1. Research findings should be included in the experimental planning and design plans that explore urban texture, density, etc. during the urban renewal process. Sites selected are not limited to China; such urban renewal projects at any place in the world are acceptable. The submitted plans should be based on a 500X500m block in a high-density old urban area, and the renewal should be based on the premise that the texture and density of the urban road network cannot be changed. You are expected to fully communicate with local residents, carefully consider what should be "retained, renovated, or demolished," and try to reconstruct an open, eco-friendly block that combines residential functions and service industries.

2. Please submit the digital version of drawings and related documents to UEDmedia@163.com. Please include "Competition+ Registration Serial Number" in the e-mail subject line. If the entry is too large to be attached, please upload to an online file sharing website such as "We transfer" or "Google drive" and provide the download link in the submission email. Entries will be printed and laid out by the committee.

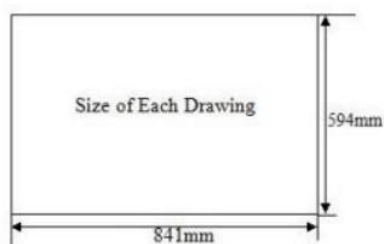
3. Language: English

4. Scale and dimensions must be in metric units.

5. Documents: Recognizable scanned copy of passport and student card should be attached in the e-mail. Students themselves are responsible for the authenticity of the documents.

6. Entry Requirements

a. Specification: The layout of the 841mm x 594mm drawing should be horizontal. Each work should be composed of 3 drawings as follows:



b. Content: Site-plan that can fully express the design intention; plans, elevations and sections; perspective drawing, illustration and a design description of about 500 words (to be integrated in the pictures and drawings). There is no limitation on proportion.

c. Video Specifications: (the video should be a more accurate and clear expression of the design ideas, project process, etc.) Description is also needed for the main content of the video.

d. A TXT document must be attached in the e-mails of the submission, which include participants' name, registration number, e-mail address, mobile phone number, name and contact information of the advisor (if any), the full name of the school and department, title and brief introduction of the submitted work.

e. Drawing layout requirements:

1) Please submit the drawing layout (300 dpi in resolution at least) in the version of jpg, and name the picture according to the content (such as XXX plan 1).

2) The video must be submitted with English subtitles, no more than 3 minutes long. Please name the video according to the title of the work (e.g. XXX video).

3) Please submit the text information in the version of TXT in the folder named by the participant(s)' name.

4) Submission Requirement: Please submit one file in the format of zip or rar and the file size should be between 50mb- 150mb. This file should contain three folders, they are:

(1) Drawing: Three drawings

(2) Video: One Video

(3) Identity Certificate: Scanned ID photo (or Student Card and Passport)

(4) Text (TXT)

VII. Competition Regulation

1. Individual participants and groups must agree with and follow the competition requirements and regulations. The organizing committee reserves its right of final interpretation.
2. Entries with words or pictures relating to the name or department of participants in the digital drawings will be disqualified from the competition.
3. Participants have the copyright, while the organization committee can exercise all other rights except authorship.
4. Entries that have been submitted to other competitions, published on other public occasions or found to be similar to other works in terms of design ideas will be disqualified from the competition.
5. Juries cannot act as advisers to participants; otherwise participants will be disqualified from the competition.
6. Each participant can only register in one team.
7. Each group is only allowed to submit one piece of work. Repeated submission is prohibited. Once discovered, the organizing committee owns the right to choose any one of them.
8. The information of the team is based on the final submission of the TXT file.

VIII. Dates and Deadline

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IX. Contacts

Competition Website: [HTTP://HYPCUP.UEDMAGAZINE.NET](http://HYPCUP.UEDMAGAZINE.NET)

Competition Email: UEDmedia@163.com

Hong Kong, Macau, Taiwan and abroad: Tel: +86 13889162840 (9:00-18:00 GMT+8);