UIA-HYP CUP 2022 International Student Competition in Architectural Design

Theme: Architecture in Transformation

Topic: Folding Landscapes: Prototypes for an Urban-Rural Union

Jury Chairman: Thom Mayne

Registration Deadline: 24:00(GMT+8) September 20th, 2022

Submission Deadline: 24:00(GMT+8) October 10th, 2022

Jury Review: November 2022

I. Background

The conventional relationship of urban and rural space is being overturned, as population growth in cities outpaces the productivity and availability of agricultural land. Rapid urban development has also stressed socio-economic stratification, creating issues of "food equity" as low-income communities experience a disproportionate lack of access to fresh foods and an adequate diet. Climate change as well as natural and manmade catastrophes further threaten the resiliency of our cities and food systems. As a whole, the "ecology" of living is becoming increasingly vulnerable, with concerns for social welfare running parallel with demands for more responsible environmental stewardship.

"UIA-HYP Cup International Student Competition in Architectural Design" was initiated in 2012. It is internationally sponsored by the Union International des Architects (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 10 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

Competition Topic: Folding Landscapes: Prototypes for an Urban-Rural Union

The collapsing relationship of urban and rural space is many years in the making. Since the industrial revolution, the city and the countryside have been developing on interdependent but increasingly differentiated tracts; while the agro-industrial complex in rural areas centered on maximizing the yield and stretch of arable land, metropolitan areas incubated the two-headed economic engine of creative/intellectual capital and industrial manufacturing made possible by population density. In the 20th century, these dual motives already began to generate tensions; as each domain struggled to support the growing demands of the urban population, cities worldwide began to expand into liminal landscapes, pushing back rural space and increasing the transportation distance between food production and the city center. Consequently, agriculture was required to intensify the productivity of each parcel of land as well as annex undeveloped land previously considered unsuitable for agriculture, with deleterious effects to the environment due to increased waste, chemical treatments, and habitat loss.

An alternative to traditional agriculture is needed; we must look for new models for production and proactively invest in a diversity of agricultural strategies and technologies. Our response must be approached holistically, as an insurance policy for both humankind and the environment. This competition calls for prototyping a new rural-urban union that challenges the standard binary relationship between the two. We are searching for prototypes that "fold" the rural and urban landscapes together, to propose an integrated rural-urban infrastructure (using urban-farming techniques within a chosen context) to create a productive, hybridized future.

Design Requirements

Participants should examine 6 prototypical "city" blocks with an average population density of 50,000 people per square mile. These six blocks must be located within a specific context chosen by the participant (e.g. within an urban region, existing city, depressed/smaller cities, rural area,

Projects should propose prototype(s) for a new rural-urban landscape and engage an existing condition, whether a city or a rural town or a zone in-between.

-Your argument should be tested by using a series of 6 "city" blocks that measure 200' x 300' (60,000 sq ft) and host a population density of 50k people per sq. mile.

-These 6 blocks can be combined or tested individually as long as the project uses the block as a prototype for a rural-urban landscape.

-The blocks can vary in dimensions and can host various population densities, as long as the block(s) total an average population density of 50k people per sq. mile within the allotted 360,000 sq. ft for the block(s).

-Projects should study the data of their chosen context.

-Projects should engage contextual factors (water, energy, and transportation) and elaborate on their influence in the prototype(s).

-Projects should hypothesize how their prototype(s) may augment existing social, cultural, and political conditions within their site.

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 3:00 minutes.

➢ The video is not allowed to show personally identifiable information.

➢ Axonometric drawings, plans, sections, and renderings are expected.

➢ Cited data on the existing context is strongly encouraged.

➢ Your submission must be subtitled in English.

III. Organizations

International Supporter: Union International des Architectes (UIA)

Hosting Organizations: School of Architecture, Tianjin University, Urban Environment Design (UED) Magazine

Co-hosting Organization: School of Architecture and Urban Planning, Huazhong University of Science and Technology (HUST)

Advising Institutions: Chinese National Evaluation Committee of Higher Architecture Education, Architecture Art Committee of China Artists Association

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

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, 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 (approx.15,000 USD) (before tax);

2nd Prize (3 teams)

Certificate and 30,000 RMB (approx.4,500 USD) (before tax);

3rd Prize (8 teams)

Certificate and 10,000 RMB (approx.1,500 USD) (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 2022) can participate alone or as a team with team members of no more than four people and advisors of no more than two.

2. Only the team leader will be contacted when necessary if students participate as a team.

3. Log on http://hypcup.uedmagazine.net/?r=site&en=1, 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, 2022. 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.

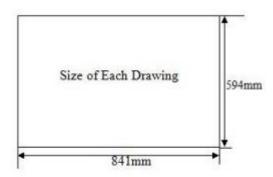7.Inquiries related to the competition will be responded to via e-mail: UEDmedia@163.com.

VI. Submissions

1. 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 attached, please upload to online file sharing website such as "We transfer" or "Google drive" and provide download link in the submission email. Entries will be printed and laid out by the committee.

2. Language: English

3. Scale and dimensions must be in metric units.

4. 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.

5. 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 Deadlines

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IX. Contacts

Competition Website: http://hypcup.uedmagazine.net/?r=site&en=1

Competition Email: UEDmedia@163.com

Hong Kong, Macau, Taiwan and abroad:

Tel: +86 16622385904 (9:00-18:00 GMT+8);

Q&A Email: Portfolio@uedmagazine.net