

Application Guidelines for UIA2011 TOKYO Student Competition

The International Union of Architects (UIA) invites students who study architecture all over the world to an international architectural design competition under the theme "DESIGN 2050" of UIA2011 TOKYO, to be held in September 2011.

■ ORGANIZER

The International Union of Architects (UIA)

■ IMPLEMENTATION

UIA2011 TOKYO Japan Organizing Board (JOB)

■ PURPOSE

Today, Japan is facing drastic transformations in the domains of politics, society and the economy. In the disciplines of Architecture and Urban Engineering, there are a variety of controversies regarding how to cope with the post-urban growth era and environmental preservation, and how to promote the engagement of community residents into planning. Especially, in these fields, we are on the cusp of a new era; e.g. transfer of various authorities to local governments, urban shrinking caused by a combination of the declining birthrate and aging population, and private sector increasingly taking the initiative in public projects (utilization of the private sector's capabilities). These macro scale transformations (administrative systems) are progressing in the social and industrial spheres, and by the year 2050 we can expect a considerable degree of realization of the transformations in the real world.

In the Student Design Competition, urban engineering and architecture plans geared for 2050 for the greater Kasumigaura urban area in the southern Ibaragi prefecture, and Tsukuba, Tsuchiura and Inashiki, the principal cities in the area, are expected, as the area has noteworthy characteristics in Japan, the host country of the 2011 UIA Congress.

The region is located within a 60km radius of the global city of Tokyo. Proposals for a new urban area are expected, which take into consideration how the metamorphosing capital, Tokyo, affects the region. Also, to what extent the concept of "Smart Region" and "Smart City" can be developed in 2050 would also be subject matter for the proposals.

■ THEMES

Theme 1: Tsukuba Science City "Architectural Plan for International Medical and Nursing Center"

Theme 2: Tsuchiura City "New C.B.D. Sports and Transportation (Railroad/Port & Harbor) Hub Area Plan"

Theme 3: Inashiki City "New Ecological City Plan"

Theme 4: Kasumigaura Southern Coastal Region (K.S.C.R.) "Smart Region Plan"

■ OUTLINE OF THEMES

Please refer to the separately-prepared reference materials including aerial photos and maps.

Theme 1: Tsukuba Science City "Architectural Plan for International Medical and Nursing Center"

The target of design under this theme is establishment of an International Medical and Nursing Center (I.M.N.C.) affiliated with Tsukuba University.

Study Area

Tsukuba Science City is a leading example of a city in Japan dedicated primarily to research and academic advancement, containing 45 national research institutions and about 300 private research centers and companies, and 4 higher educational institutions including Tsukuba National University.

In December 2009, the population of Tsukuba City was estimated to be 212,940, but this figure is projected to increase to around 280,000 by 2030. The total area of Tsukuba City is 284 km².

The International Medical and Nursing Center (I.M.N.C.) will accept students and researchers from Japan as well as from countries around the globe specializing in medicine and nursing, and foster research on advanced medical treatment. Simultaneously, the Center will also aim to promote activities to cooperate closely with and support various United Nations-related organizations, the International Red Cross and universities, medical centers and research institutes of both developed and developing countries, in order to improve medical and nursing care, in particular in Asian, African and Central & South American countries.

The Katsuragi District can be considered as the new core center of Tsukuba City with the new main office of Tsukuba City Hall. The location being proposed as the building site for the I.M.N.C. is quite excellent; a short distance to "Research and Education (Kenkyu-Gakuen) Station" of Tsukuba Express Line (Railway) and Tsukuba University Hospital.

Theme 2: Tsuchiura City "New C.B.D. Sports and Transportation (Railroad/Port & Harbour) Hub Area Plan"

The target of designs under this theme is the creation of a new hub area of transportation/business/residential through refurbishment and redevelopment of the 2 major transportation hubs of JR Tsuchiura Station and Tsuchiura Port as well as the surrounding central business, residential and sports facilities, including water sports.

Study Area

Prior to World War II, Tsuchiura City was a vibrant commercial city, being a castle town along the Mito Highway. In the postwar period, Tsuchiura has grown into a commuter town of Tokyo, through progressive, extensive residential development. The residential district on the east side of JR Tsuchiura Station was originally constructed on re-claimed land in the harbour. In recent years, the business and residential areas adjacent to JR Tsuchiura Station are undergoing redevelopment and, along with the refurbishment of the JR Tsuchiura Station's freight yard, the area's redevelopment is becoming a major issue of focus. The aim is a C.B.D. redevelopment project on a scale of 100ha, as an applicable area for 2050, like those set in the design objectives.

At present, a total population of 140,000 persons resides within Tsuchiura's total area of 122.99 km². However, due to the low birth rates and increase of aging population, the total population of Tsuchiura is expected to decrease to 100,000 by 2050.

Theme 3: Inashiki City "New Ecological City Plan"

The target of designs under this theme is the creation of a new "Garden City*" coexisting symbiotically with the agricultural fields, forested areas and 9 golf courses of this area within a 50 - 60km radius of the central area of Tokyo. Designs under this theme aim at creating a plan for either A) an Ecological City type of garden city plan applicable to the entire area of the city or B) an ecologically-friendly residential development or a new agricultural community in a specially designated development/refurbishment zone within the city.

*The "Garden City" was founded by Ebenezer Howard in 1898.

Study Area

The study area had a population of 46,445 (14,949 households) in 2010. The total area is 205.78km². The land-cover is composed of 8,140ha of rice paddies, 1,673ha of dry agricultural fields, 1,462ha of residential buildings, 1,838ha of forested areas and 717ha of golf courses, as well as the 27.66km² surface of Kasumi Lake.

Theme 4: Kasumigaura Southern Coastal Region (K.S.C.R.) "Smart Region Plan"

The target of design under this theme is the creation of a "Smart Region." This region's economic, social and environmental conditions are changing significantly arising from its strategic location to the global city of Tokyo and Narita International Airport, etc. Therefore, this region may be considered as one of the "Smart Regions" surrounding the Tokyo Metropolitan Region, and a design related to the development and preservation of this area in 2050 will certainly be an important challenge for students specializing in architecture and urban planning.

Study Area

The total area of Kasumigaura Southern Coastal Region (K.S.C.R.) is 782.05 k m² and today approximately 550,000 people live there. This Region is unique due to the co-existence of different types of development patterns; In addition to the 3 Cities (Tsukuba City, Tsuchiura City and Inashiki City) already mentioned, the K.S.C.R. includes; the commuter City of Ushiku (Population 82,000 persons , Area 58.55k m² (2009)), Local Town with Agricultural Department, Ibaraki Prefectural University- Ami Town (48,000 persons, 71.39k m² (2009)) and Agricultural Community with race horse training center (unusual for a regional area)- Miho Village(17,000 persons , 66.57k m² (2009)).

■ APPLICATION RULES

A. Competition Method

This is a competition of design ideas. Judging will take place on design entries that are submitted through the website.

You may select one to four among four themes at your own discretion. You may only submit one entry for one theme.

You can submit an entry as an individual or as a group.

In the case of a group, there is no limit to the number of members in a group, however, it is only possible to register 1 Main Author and up to maximum 4 Co-Authors' names.

One representative, the Main Author, should complete the application online first, and then the 4 Co-Authors' names can be added to the application when you upload your entry for submission.

B. Eligibility

Limited to students who study architecture, the environment or urban planning (university undergraduate, graduate school and professional school students).

Please submit a copy of your student ID card or similar (with photo) to confirm your student status that provides evidence that you are a bona fide undergraduate or graduate school student as of the end of February 2011, together with the competition entry.

C. Application Fee

Application Fee: JPY4,000 per entry (approx. USD50.00).

Application Fee shall be payable via credit card or PayPal to the Students Competition Registration Secretariat. For submissions from Japan, the application fee may be paid by Japanese domestic bank transfer, in which case any bank fees are the responsibility of the applicant.

D. Schedule

Application & Submission period:

21 December 2010 (9:00) to ~~31 March 2011 (18:00) Japan time~~

31 May 2011 (18:00) Japan time

Announcement of Result and Notification of Qualified Entries: ~~End of June, 2011 (tentative)~~

Beginning of August, 2011

Qualified Entry Presentations: 27 September, 2011

Award Ceremony: ~~28 September 2011 (tentative)~~

27 September 2011 (tentative)

E. Entry Submission Method

Submission of competition entries will be accepted in data format at the designated website

address. A confirmation e-mail sent to the registered e-mail address of the applicant shall serve as a confirmation that the application is valid. When submitting your entry, please complete registration of your personal information and submit evidence of student status.

F. Required Drawings and Language

This is no restriction on the scale of drawings submitted, however the submission should be easy to understand. Liberal use of master plans, sections, facades, photos of models and sketches is expected. Descriptions for drawings and explanations are limited to English. Real models and videos are not acceptable.

For Theme 1: Master plan, floor plans, facades and sections of the building and facility complex comprising the International Medical and Nursing Center.

For Theme 2: Master plan for "New C.B.D.Sports and Transportation (Railroad/Port & Harbour) Hub Area" and bird's-eye view plan, sketches, etc. for related facilities.

For Theme 3: Master plan for an Ecological City covering the entire city, or, layout plans, ground plans, facades and sections, etc. for an ecologically-friendly residential development in a specially designated development/refurbishment zone.

For Theme 4: Master plan, bird's-eye view plan, sketches, etc. for development and refurbishment of a greater urban area, "Smart Region," applicable to the entire Kasumigaura Southern Coastal Region (K.S.C.R.).

G. Data Format

Submission data format should be Adobe PDF, 2 A1-sized pages shrunk to 2 A4-sized pages, portrait orientation.

In order to prevent any garbling of the text, etc., the submitter shall take utmost care when compiling the data file, including outlining, etc.

Those applicants who are notified later by the Students Competition Registration Secretariat that their entries have been selected as qualified entries, will be requested to submit final data for printed materials and exhibition/projection purposes (PDF file, A1-size, resolution of 150dpi and above, no file size restriction).

H. Jury Members (random order)

Chair: Kengo Kuma (Japan)

Members: Yung Ho Chang (China)

Peter Hall (UK)

Kate Schwennsen (UIA, USA)

Nobuaki Furuya (Japan)

Advisor: Hidehiko Sasanami (Japan)

I. Jury Method

In order to assure anonymity, all entries will be labeled by a number in the order of acceptance by the Secretariat, and all jury processes will be managed using the entry number. The qualified entries will be chosen by summing up the points of 5 jury members.

J. Awards

The following awards are planned:

~~Gold: 1 (JPY300,000), Silver: 1 (JPY200,000), Bronze: 1 (JPY100,000);~~

Gold (JPY250,000) / Silver (JPY100,000) / Bronze (JPY50,000) for each of the four Themes.

In addition, several Jury Awards and other sponsored awards are being planned.

The details of other prizes and the prize amounts, etc. will be confirmed and announced in due course.

Note: JOB will notify the applicants of the entries that are selected as qualified entries, who will be expected to participate in the presentation to the public during the Congress.

JOB will cover the transportation & accommodation cost, which is based on the regulations of JOB, and Congress registration fee of the selected applicants (one representative in the case of a team).

K. Exhibition Method and Others

Entries selected for awards will be exhibited at the Congress; the printed size is expected to be A1 (H 841 X W 594mm).

The exhibition will be prepared by the Secretariat, who will post the submissions onto 3mm poster board panels. The applicant's name will be made public at that time.

* Depending on the venue, the presentation at the Congress may be conducted using a series of projections.

L. Presentations and Award Ceremony

Presentations will be held at Hall D7 of the Tokyo International Forum.

Presentations are scheduled to take place from 13:00 to 17:00 Japan time on 27 September 2011 (Tuesday).

JOB will notify the qualified entry applicants of the presentation details. It is expected that presentations will be conducted using projection. Qualified entry applicants will be asked to prepare a PowerPoint presentation containing approximately 10 slides, in addition to their submitted entry.

The Award Ceremony will be held at Hall A of the Tokyo International Forum, starting at 18:00 Japan time on 28 September 2011 (Wednesday).

If the awardees cannot participate in person, award certificates, etc. will be sent to the

registered address later.

M. Other Notes

- Only submissions that have not been previously announced are valid.
- The language in the submission is limited to English.
- Students are allowed to submit entries which have been created under the guidance of teachers at the same school to which the applicant belongs.
- Please do not show any logos or symbols in the submitted entry that would make it possible to identify the applicant.
- After the Congress, it is planned to publicize all applicants' names and offer browsing of all submitted entries. (Tentative)
- No support for UIA2011 TOKYO registration fee or travel cost is available except for applicants of qualified entries. All participation costs should be covered by participants.
- Though the Secretariat will own the right to announce the entries submitted, the copyright of the entry and material submitted for the competition belongs to the applicant.
- Secondary usage of the entry (i.e. in case the applicant would personally announce the entry at another forum, etc.) is subject to approval by the UIA Secretariat.
- In case an entry is judged to constitute an infringement of others' copyrights, the Secretariat will exclude the entry from the jury. Applicants are reminded to take every precaution in advance when they are creating their entries to ensure that they do not infringe upon others' copyrights.
- If an entry is judged to have infringed a copyright, the entry will immediately become invalid and the application fee will not be refunded under any circumstances.
- In case any dispute arises due to any situation or action that is the responsibility of a competition applicant, the organizers or affiliated parties will accept no liability whatsoever and any and all issues including any related legal issues shall be discussed and resolved solely between the concerned applicants.
- The organizer acknowledges no culpability and if a qualified entry applicant/award winner is judged to have infringed others' copyrights, the entry/award will immediately become invalid and the organizer's Secretariat will claim for return of any prize money, related transportation funds, etc. from the applicant.
- In case such a situation arises, it will be dealt with strictly in accordance with relevant laws.
- If necessary, the actual names of the persons involved and details will be publicly announced in a fair manner.
- Submitted entry data will not be returned. The data will be stored in the UIA database after the close of the Congress.
- Personal data will not be used for any purposes other than the management of the UIA2011 TOKYO "Students Competition."

■ CONTACT INFORMATION

Student Competition Registration Secretariat

c/o Congress Corporation

Kohsai-kaikan Bldg., 6F

5-1 Kojimachi, Chiyoda-ku, Tokyo 102-8481 Japan

Email: comp_uia2011@congre.co.jp

■ BACKGROUND INFORMATION (Links to Relevant Websites)

1. JAPANESE REGIONS

Ibaraki Prefectural Government official website

<http://www.pref.ibaraki.jp/bukyoku/seikan/kokuko/en/>

Tsukuba City official website

<http://www.city.tsukuba.ibaraki.jp/005511.html>

Tsukuba Science City/ Ministry of Land, Infrastructure, Transport and Tourism

<http://www.mlit.go.jp/crd/daisei/tsukuba/index.html> <Japanese only>

Tsuchiura City official website

<http://www.city.tsuchiura.lg.jp/dir.php?code=126>

Inashiki City official website

<http://www.city.inashiki.lg.jp/> <Click on “English” on this page>

Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism

<http://www.ktr.mlit.go.jp/> <Japanese only>

Landscape – Scenic spots around Kasumigaura

<http://www.ktr.mlit.go.jp/kasumi/syuuhen/keikan.htm> <Japanese only>

Metropolitan Inter-City Expressway

<http://www.ktr.mlit.go.jp/honkyoku/road/3kanjo/kenoudo/index.htm> <Japanese only>

Kasumigaura Office, Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism

<http://www.ktr.mlit.go.jp/kasumi/index.htm> <Japanese only>

Ibaraki Prefecture - Wikipedia, The Free Encyclopedia

http://en.wikipedia.org/wiki/Ibaraki_Prefecture

Tsukuba, Ibaraki - Wikipedia, The Free Encyclopedia

http://en.wikipedia.org/wiki/Tsukuba,_Ibaraki

Tsuchiura - Wikipedia, The Free Encyclopedia

<http://en.wikipedia.org/wiki/Tsuchiura>

Inashiki, Ibaraki - Wikipedia, The Free Encyclopedia

http://en.wikipedia.org/wiki/Inashiki,_Ibaraki

Lake Kasumigaura - Wikipedia, The Free Encyclopedia

http://en.wikipedia.org/wiki/Lake_Kasumigaura

2. MAPS

Maps, Aerial Photographs, Geographic Surveys/ Geospatial Information Authority of Japan

<http://www.gsi.go.jp/tizu-kutyu.html> <Japanese only>

Map Search Service / Geospatial Information Authority of Japan

<http://watchizu.gsi.go.jp/index.html> <Japanese only>

Google Maps

<http://maps.google.com/maps?hl=en&tab=w>

3. ENVIRONMENT

United Nations Environment Programme (UNEP) official website

<http://www.unep.org/>

UNEP International Environmental Technology Centre (IETC)

<http://www.unep.or.jp/ietc/>

Our Planet Magazine - UNEP

<http://www.unep.org/ourplanet/2010/may/en/>

New Energy and Industrial Technology Development Organization (NEDO)

<http://www.nedo.go.jp/english/index.html>

Japan Council on the UN Decade of Education for Sustainable Development (ESD-J)

<http://www.esd-j.org/e/>

ECO Japan “Toward a Future of Growth and Harmonious Co-existence” (Nikkei Business Publications, Inc.)

<http://eco.nikkeibp.co.jp/> <Japanese only>

Environment Foreign Policy – Ministry of Foreign Affairs

<http://www.mofa.go.jp/policy/environment/index.html>

Conference on the Next-Generation Energy and Social system (Ministry of Economy, Trade and Industry (METI))

http://www.meti.go.jp/english/press/data/20100517_01.html

4. SMART TECHNOLOGY

Article: “Smart City Business launches abroad” in ECO Japan “Toward a Future of Growth and Harmonious Co-existence” (Nikkei Business Publications, Inc.)

<http://eco.nikkeibp.co.jp/article/special/20100427/103712/> <Japanese only>

Smart Grid - Wikipedia, The Free Encyclopedia

http://en.wikipedia.org/wiki/Smart_grid

Article: “From Smart Grid to Smart City – Can Japan enter and gain a significant position in this giant 100 trillion yen market?” (Japan Business Press)

<http://jbpres.ismedia.jp/articles/-/3557> <Japanese only>

5. MEDICINE / DISASTER SUPPORT

Japanese Red Cross Society

<http://www.jrc.or.jp/english/index.html>

International Federation of Red Cross and Red Crescent Societies (IFRC)

<http://www.ifrc.org/index.asp?navid=01>

International Red Cross and Red Crescent Movement - Wikipedia, The Free Encyclopedia

http://en.wikipedia.org/wiki/International_Red_Cross_and_Red_Crescent_Movement

6. SPORTS

Ibaraki Health Road - Prefectural Health Plaza

http://www.hsc-i.jp/03_seikatsu/healthroad.htm <Japanese only>

JAPAN SPORTS ASSOCIATION – JASA

<http://www.japan-sports.or.jp/english/index.html>

Japan Institute of Sports Sciences (JISS), National Agency for the Advancement of Sports and Health

<http://www.jiss.naash.go.jp/english/index.html>

7. TOURISM

Article “Japan Tourism Agency newly establishes “Sports Tourism Masters.” Japan Tourism Agency official website, Ministry of Land, Infrastructure, Transport and Tourism

http://www.mlit.go.jp/kankocho/en/page01_000075.html

Sightseeing Spots – Tsuchiura City official website

<http://www.city.tsuchiura.lg.jp/index.php?code=1097> <Japanese only; photos>

<http://www.city.tsuchiura.lg.jp/index.php?code=336> <Tsuchiura description in English>