



2014 Forum8 Student Design World Cup

Virtual Design World Cup (VDWC) "The 4th Student BIM&VR Design Contest on Cloud Services"

VDWC is a competition, for under and post graduate students, to design an advanced construction engineering-works, making full use of BIM / CIM and Interactive 3D VR Simulation & Modeling software

The VR, BIM & CIM software will be provided free of charge for a time limited period
The target area will also be provided within the initial 3D VR environment

Schedule:

Contents	Period	Remarks
Registration	April 10 – June 30	Rental duration of the free licenses... April 10 - November 28 Contact: Patrick@forum8.com
Project Submission	Oct 1 - to Oct 10	The student project to be sent to the server.
Judging	Oct 14 - Oct 23	Nominated projects announced on October 24
Award Ceremony	November 20	Venue : FORUM8 Design Festival Tokyo Winning teams will be able to send one member all expenses paid

Prizes:

- ◆ **First Prize: World cup prize US\$ 3,000 - Runner Up: US\$ 1,000**
- ◆ **Judge's special prizes US\$ 500 – Plus many more**

Available Software: (provided free from date of registration to November 28th 2014)

VR-Design Studio (formerly known as UC-win/Road) – including plug-ins for wind/ heat fluid, tsunami, tsunami, debris-avalanche, 3D point post processing management, point-cloud, etc.

Allplan - BIM integrated solution for architecture and engineering

Engineer's Studio® - 3D nonlinear analysis

UC-1 Series - Civil Design CAD & **EXODUS/SMARTFIRE** wind/ heat fluid analysis

DesignBuilder - State-of-the-art s/w for building energy, carbon, lighting performance

Advance Steel/Concrete - 2D/3D steel structure / RC structure CAD

OSCADY - Software for designing traffic signals / Intersections

TRANSYT - Software for optimizing / analyzing traffic signals/ intersections

xpswmm - Inundation/Flood analysis

Theme 2014: "Sustainable Design of Tokyo Bay Area 2020"

The target area is the Tokyo docklands site of the proposed new athletic stadia and related developments for the 2020 Tokyo Olympics.

Tokyo is striding ahead towards 2020 Olympic games the city wishes to provide visitors and athletes with easy mobility and a comfortable stay. It is envisaged that these developments will show Tokyo to be an environmentally friendly city with state of the art visitor amenities.

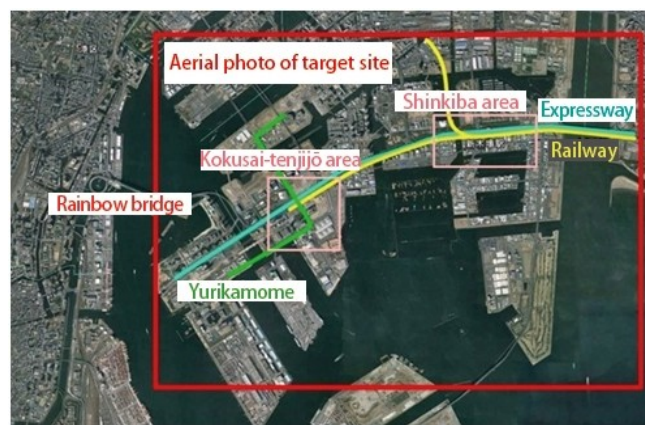
The harbor region, an industrial area that is being transforming into a neighborhood equipped with complex urban features, will become the main focus for the Olympics in the heart of Tokyo.

The theme for this year's VDWC will therefore focus on part of this area, the Shikiba / Tatsumi region within which new athletic stadiums are due to be built.

However, rather than just designing the new Olympic games' stadia, we also expect you to consider the sustainable urban design of this entire region. We anticipate new ideas on how traffic, accommodation, and food and beverage facilities that will serve the needs of the visitors during the Olympics can be used effectively even after the games.

You will be provided with a 3D VR environment including images of the currently proposed Olympic stadia as presented by the city of Tokyo.

With regard to this year's theme, as long as your work is in line with the theme itself and concerns the specified region, it does not matter whether your work covers part or whole of that region. One of the characteristics of the annual VDWC's theme is in its size, complexity, and comprehensiveness. This is because we expect each student to take advantage of the benefit gained from teamwork, one of the features of BIM, to produce an excellent result of the collaborative work done by themselves and their teammates from various fields of study.



If you wish to register contact: patrick@forum8.com



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...for improved urban, transport, pedestrian, emergency & security design & planning, driving simulation, public consultation and human factors research

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