

SENIOR > TASK

Competitors in the SENIOR Section can be 3rd, 4th year and master students at a university in the AEC field (architecture - master is equivalent to the 5th and 6th year, engineering, construction).

Competitors must respect calendar dates, procedures and registrations. All Phase 1 entries must be received by July 2nd, 12:00pm EEST.

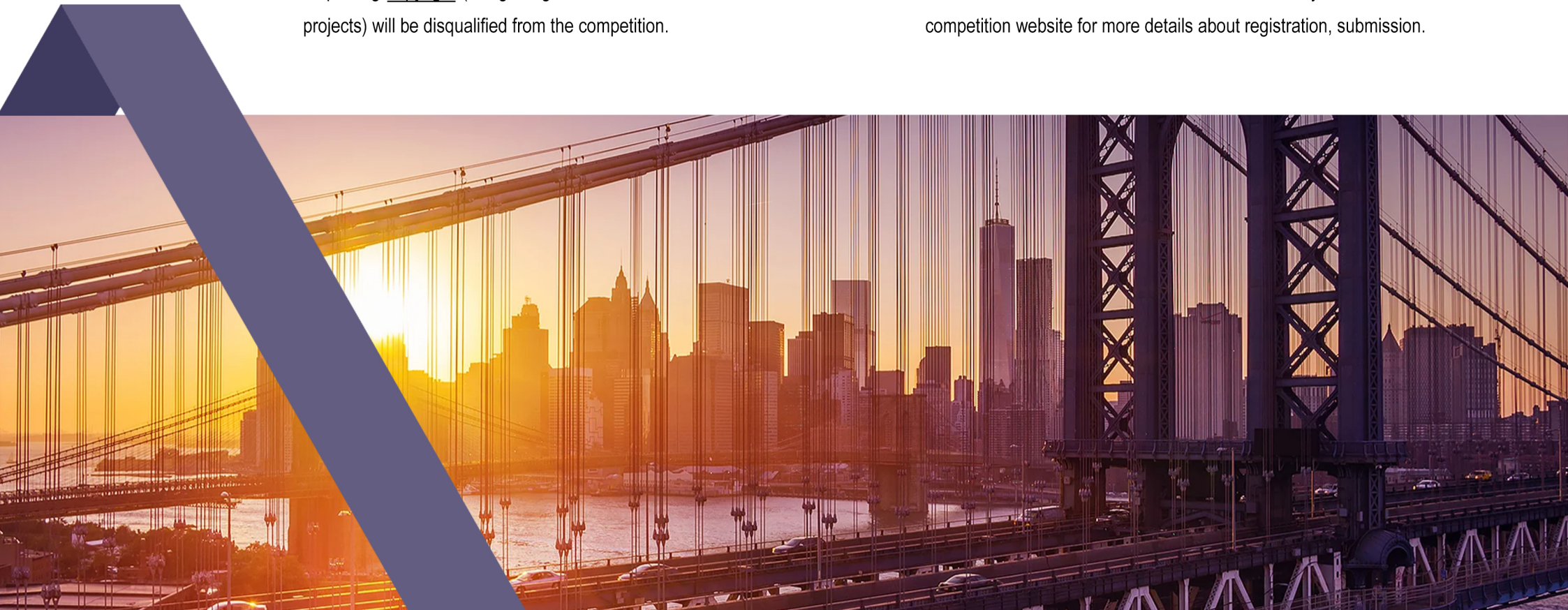
The project must be submitted in a PDF format (upload directly on the competition site) and in Allplan format (zip+inf - upload to Dropbox, Google Drive, wetransfer or a similar service and send us the link* in the Submit your Project form). Competitors will use the layout and label provided by the organizer which can be downloaded on the competition website.

All the submitted material must belong to the participant. Competitors not respecting copyright (using images, texts or drawn elements from other projects) will be disqualified from the competition.

Each entry in the section SENIORS - Urban Planning will consist of two vertical layouts which will include the following:

- Concept schemes
- A brief description of the project (max. 500 words)
- Masterplan (scale 1:2000 or 1:5000)
- Detailed Urban Plan (scale 1:500)
- Section through the model (scale 1:500)
- Sun Study (at 5 different moments of the day)
- Renders of the ensemble (at least 3 different images)
- Relevant bills of quantities (reports: SOI, FAR, etc.)

Additional information is welcome but not mandatory. See RULES on the competition website for more details about registration, submission.



EVALUATION CRITERIA

- the relationship between the created urban area <
- and the rest of the city <
- the efficiency and creativity of using rainwater, the <
- exposure of the buildings and the ventilation between them <
- the relationship between the public and the private space <
- the quality and the role of the public space in <
- creating a sense of community <
- the quality and the level of detail of the presentation <

URBAN PLANNING

Create a 3D model of an urban area having at least 3 complementary functions of your own choice with a total surface no larger than 4 Ha.

BIM CRITERIA

The model should include:

- a building structure with the appropriate structural levels;
- a digital terrain model (DTM);
- architecture planes generated from the DTM;
- roads and alleys created with the Path function;
- drawing symbol regulations with different occupancy types for at least 3 different functions;
- plots and buildings for at least 6 different properties in the area which will include the urban regulations (FAR - floor area ratio, SOI - site occupancy index, admitted height, alignment, etc.);
- personalised plot labels created with Label Style (including name of the plot, SOI and FAR indices and plot surface);
- 3D surrounding elements (furniture, vegetation, etc.) raised at the level of the DTM;
- sun study at 5 different moments of the day;
- at least a section through the model;
- renders;
- bill of quantities (reports and/or legends).

