

An aerial photograph of a snow-covered volcanic crater. The crater's rim is visible on the left, and the interior is a deep, dark shadow. The surrounding landscape is covered in snow and shows signs of erosion and geological activity.

ARCHITECTURE COMPETITION

NEMRUT VOLCANO EYES

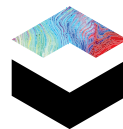
COMPETITION CONDITIONS

Bee Breeders Architecture Competition Organisers
have prepared this document for the
NEMRUT VOLCANO EYES
architecture competition.

Full Competition Terms & Conditions:
NEMRUTVOLCANOEYES.beebreeders.com/terms

The concept and planning for this competition
have been developed solely by
Bee Breeders Architecture Competition Organisers.

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architecture competition organisers
hello@beebreeders.com
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INTRODUCTION

The Nemrut caldera sits cradled within the Nemrut Volcano, formed by the collapse of the volcano into itself, creating a large, deep crater. A caldera collapse is typically triggered by the emptying of the magma chamber beneath the volcano, as the result of a large volcanic eruption. Turkey is home to the largest caldera in Europe and the 4th largest in the world.

With a total area of over 4,800 hectares, the edges of the caldera are approximately 2500 to 2900 metres above sea level. The diameter of the crater ranges from 8.5 km at its widest point to 7km at its narrowest, and is surrounded by steep slopes reaching 25 km in height. Nestled within it is the half-moon crater lake Nemrut Crater Lake, the second largest crater lake in the world. A second, smaller lake is located at the northern tip of this lake, whose waters are heated from geothermal sources. The crater has a distinct micro-climate that brings with it unique flora and fauna.

The Nemrut Volcano Eyes architecture competition is tasking participants with envisioning an observation point positioned at an altitude of about 2,800 metres-on the southern edge of the crater - that will provide visitors with views overlooking Lake Van.



SITE COORDINATES:
@38.5892749,42.2594031

SITE CAD, PDF PLAN AND PHOTOGRAPHS ARE AVAILABLE FOR DOWNLOAD AT
NEMRUTVOLCANOEYES.BEEBREEDERS.COM



**NEMRUT VOLCANO
LOOKOUT POINT**

**NEMRUT VOLCANO
LOOKOUT POINT**



THE COMPETITION

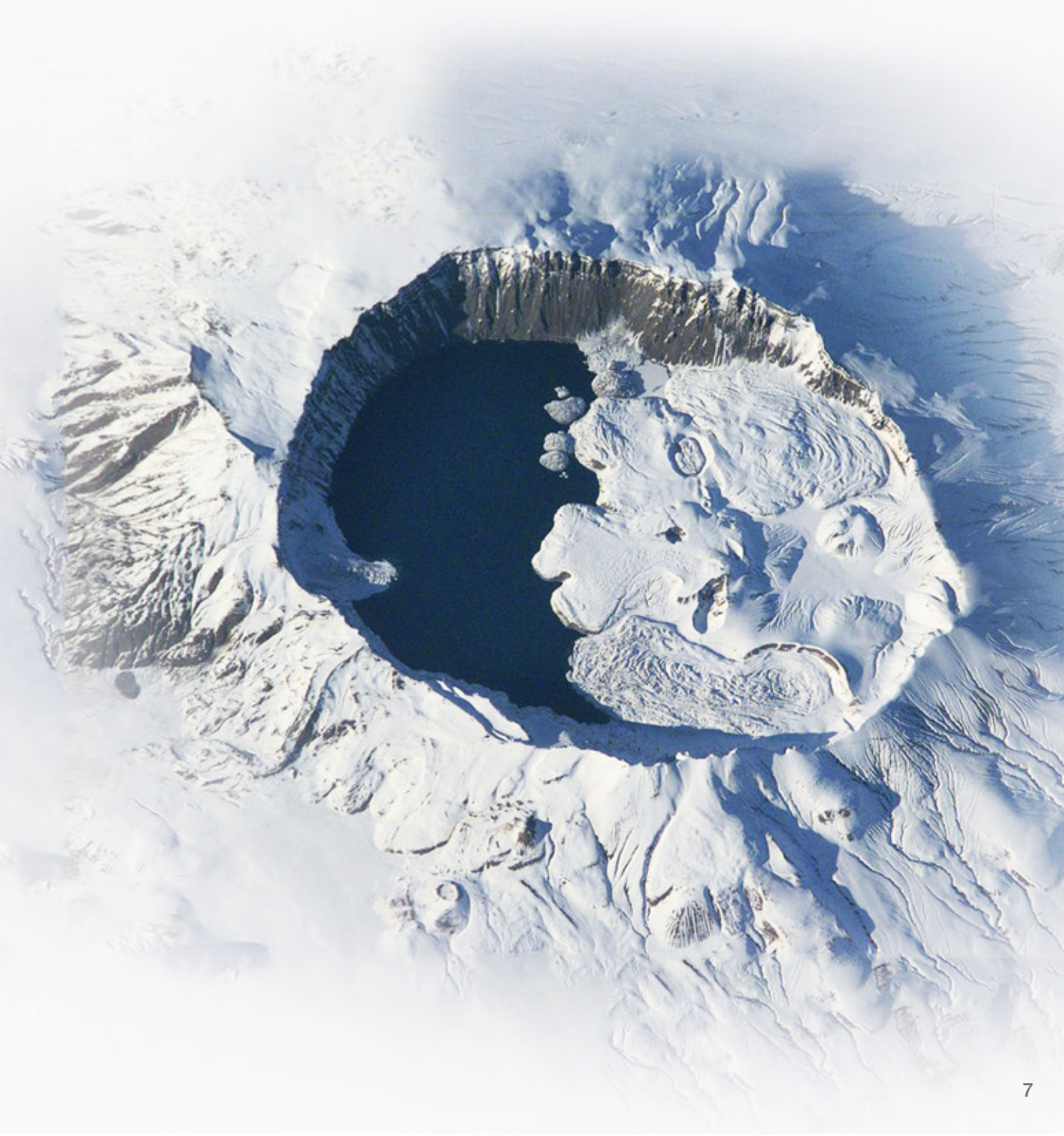
NEMRUT VOLCANO EYES

The competition requires participants to consider both functional and aesthetic properties when designing the observation point, as construction would be complicated and potentially costly in such a harsh environment.

Project submissions will need to consider the design of the lookout point and also how it will function. Designs will need to include a sequential route for visitors to access the lookout point, making their journey from the crater's base to the top observation point a memorable experience.

Designs should emphasize functional and innovative solutions that show a contemporary understanding of the environment. It is important that the concept of the project fits well within the context of its surroundings, providing technical solutions on how to establish a structure in this majestic yet inaccessible environment.

The competition area is confined to the two sides of the ski lift line, which is about 2.5 km long and currently the only means of reaching the edge of the caldera. The starting point of the ski lift is called the "Lower Region" - as shown in the image below - with the "Upper Region" often used for skiing.



**MAIN LOOKOUT POINT
(UPPER REGION)**

**SECONDARY LOOKOUT POINT
(UPPER REGION)**

**SKI LIFT STATION
(UPPER REGION)**

**RECEPTION
(LOWER REGION)**



LOWER REGION

The lower region will be set as the reception and welcome area, offering visitors following facilities:

INDOORS (TOTAL AREA 310 m²)



RECEPTION AREA

95 m²

- loby / presentation area / exhibition space 65 m²

The loby / presentation area / exhibition space will be used to host promotional activities about the caldera. It should be flexible enough to allow the space to be used for variety of activities

- gift shop 5 m²
- sky lift ticket shop 5 m²
- storage 20 m²



CAFE

100 m²

The facilities should have the capacity to serve 50-60 people

- cafe 70 m²
- kitchen 20 m²
- storage 10 m²



SKI UNIT

60 m²

- ski equipment rentals and storage, locker rooms for the visitors 50 m²
- staff room (dressing room, WC and shower) 10 m²



SERVICE AND TECHNICAL UNIT

55 m²

- WC 35 m²
- storage 10 m²
- heating/boiler room 10 m²

OUTDOORS



CARPARK

- 3 bus parking spaces
- 20 car parking spaces



BIKE RENTALS

- 10 electric bikes
- 20 bikes

UPPER REGION

The upper region is the lookout point, and will consist of three areas:

The first focus area ("ski lift station") is the upper threshold, where the current ski lift station is located. It is where walking routes to the lookout points start, and where information is provided to guide visitors around the area.

The second focus area ("main lookout point") is the main observation point, where visitors have a 360 degree panorama view of the entire caldera, and with a perfect view of Lake Van below. Participants are tasked with creating designs which take into account this vantage point, and make the navigation from the upper region to the observation point a memorable experience in itself for visitors. Propositions should be given for how to carry out construction of this route, and how it will work in harmony with the unique, yet treacherous terrain.

The third focus area ("secondary lookout point") is located near the upper ski lift station, which has a limited view of the caldera. While this area is not the main focus point, and participants are not expected to include it in their designs, they are expected to design a visitor navigation system which associates all three focus points with each other.

The COMPETITION PROGRAMME is flexible, open for modifications and improved development strategies.

PROJECT PROPOSAL REQUIREMENTS



Cost-effective construction for remote, high altitude areas with no road access;



Resistant to heat, cold, rain, snow, and wind;



Environmentally responsible and energy efficient;



Low maintenance in terms of effort and costs;

The project qualities listed above are minimum requirements; the competition brief is open to adaptation and improved development strategies.



PRIZES

3 winning proposals, 2 special awards recipients and 6 honourable mentions will be selected. Bee Breeders will award a total of **US \$6,000** in prize money to competition winners as follows:

| Prize money US \$6,000 | |
|----------------------------------|-------------------------------------|
| 1st Prize US \$3,000 | BB Student Award US \$500 |
| 2nd Prize US \$1,500 | BB Green Award US \$500 |
| 3rd Prize US \$500 | 6 HONOURABLE MENTIONS |

More information about the special awards at NEMRUTVOLCANOEYES.beebreeders.com

PUBLICATIONS:

The winners will get international art and design media coverage and will be featured on the Bee Breeders website.

A full list of media partners who have committed to present the competition winners in their publications can be found at NEMRUTVOLCANOEYES.beebreeders.com

CERTIFICATE:

Bee Breeders will also acknowledge the outstanding performance of all winners and honourable mentions with Certificates of Achievement.



COMPETITION SCHEDULE

Early Bird Registration
11 OCTOBER - 6 DECEMBER

Advance Registration
7 DECEMBER - 7 FEBRUARY

Last Minute Registration
8 FEBRUARY - 6 APRIL

Closing date for registration
6 APRIL, 2018

Closing date for submission
10 MAY (11:59 pm GMT+0)

Announcement of the winners
23 MAY, 2018

REGISTRATION FEES

| | Enthusiasts and companies | Students* |
|--------------------------|---------------------------|-----------------|
| Early Bird Registration | US \$90 | US \$70 |
| Advance Registration | US \$120 | US \$100 |
| Last Minute Registration | US \$140 | US \$120 |

* See requirements here:
beebreeders.com/competition-registration-types

PRESENTATION DELIVERABLES SET

- Primary sections; (suggested scale 1:50)
- Primary floor plans; (suggested scale 1:50)
- Structural system diagrams for the main lookout point
- Enlarged sections and elevations highlighting key spaces or relationships; (suggested scale 1:10)
- Details: (suggested scale 1:5)
 - Envelope
 - Key materials
 - Site or landscape
- Axonometrics providing information on building systems or illustrating key architectural concepts;
- Diagrams:
 - Circulation
 - Public versus private space
 - Lighting
 - Landscaping
 - Transportation
 - Energy systems
- Perspectives:
 - Primary interior spaces
 - Primary site locations

Please note the PRESENTATION DELIVERABLES SET listed above is a suggestion only. Participants can choose to use the entire list, a selection from it, or propose a completely different set that would explain their design in the most efficient manner.

RECOMMENDED SUBMISSION CONTENT

- Concept designs, which highlight that all aspects of the design are of the highest quality and keep with the design brief and the proposed site.
- The main points of proposed plans and sections and multiple internal and external perspectives demonstrate the spatial quality of the buildings, as well as operational needs and accessibility requirements.
- Demonstration of project construction, materials, functions, management and maintenance; approach to environment, energy and sustainability, indoor environment and logistics.
- Visualizations; artist impression from a high altitude setting to illustrate how the proposal fits in with the quality, value, and significance of historical and modern Turkey.
- A description of the proposed structural system. The schemes describing the application process of the proposed structural systems.

SUBMISSION REQUIREMENTS

- Participants are required to upload four (4) A2 landscape-orientated presentation boards (must not exceed 5mb per jpg) with sketches, renderings, plans, sections, elevations, diagrams, and/or other presentation tools to explain their proposal.
- No video files are accepted.
- All information provided in writing must be in English.
- All submissions must be uploaded via the beebreeders.com upload panel. Access information and instructions on how to upload the presentation panel will be issued to participants via email immediately after successful registration.
- Presentation boards must not indicate any information related to individual's/team's identity.

Participants that do not comply with the requirements will be disqualified without a refund.

JURY & EVALUATION PROCESS

Competition jury consists of two jury panels:

- **Core jury panel**
- **Consultative jury panel**

Full jury panel members list is published on NEMRUTVOLCANOEYES.beebreeders.com.

The core and consultative jury panel will be responsible for setting the criteria that participants need to fulfill based on the site and brief and will evaluate each submission accordingly.

Participants are advised to research both the working site and previous similar case studies as part of the design process.

“NEMRUT VOLCANO EYES” is competition, which encourages participants to experiment with the limits of architecture. The jury may choose to reward projects that show a high degree of creativity, even if they breach any of the rules, as long as it’s justified.

Selecting Top 3 winners:

- ① Consultative jury panel will produce a shortlist of 40 from **all** submitted entries.
- ② Consultative jury panel will select 9 competition finalists from the shortlist.
- ③ Core jury panel will evaluate the 9 finalists and select the top 3 winning projects and the 6 honourable mentions.

Student Award:

- ① Consultative jury panel will produce a shortlist of 40 from all submitted **student** entries.
- ② Consultative jury panel will select 9 competition finalists from the shortlist.
- ③ Core jury panel will evaluate the 9 finalists and select the winning project.

Green Award:

- ① Consultative jury panel will produce a shortlist of 40 from **all** submitted entries.
- ② Consultative jury panel will select 9 competition finalists from the shortlist.
- ③ Core jury panel will evaluate the 9 finalists and select the winning project.

COMPETITION DOCUMENTATION

Following information is available for download on NEMRUTVOLCANOEYES.beebreeders.com:

- *Full competition brief*
- Site and context photographs
- CAD site plan

All information can be downloaded as often as required; no additional information or material will be provided after registration.

The brief and all associated documentation for this competition are for the sole purpose of an academic exercise and are not legal documents.

The provided materials, or alternatives, can be used, created, or sourced at the participant's discretion.

ELIGIBILITY

The competition is open to all. No professional qualification is required. Design proposals can be developed individually or by teams (4 team members maximum).

People who have direct personal or professional relationships with jury panel members or organisers may not participate in this competition.

ARCHITECTURE STUDENTS

Bee Breeders architecture competition organisers would like to hear from representatives of universities, schools, and colleges offering architecture/design studies.

Contact us to receive special student rates for group registration (discount applies for 3+ registrations from one university/school) as well as further information and support to get your students involved in architecture competitions.

Send us a request from your university email address along with basic information about you and your university/school.

Please note that only recognized university staff can apply for the reduced student rate.

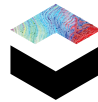
MEDIA PARTNERS

A full list of media partners who have committed to present the competition winners in their publications can be found at NEMRUTVOLCANOEYES.beebreeders.com

For potential media partners who are also interested in covering the present competition and its winners, please contact us at hello@beebreeders.com

Competition press kit (in English) and banners are available at NEMRUTVOLCANOEYES.beebreeders.com/press

Full Competition Terms & Conditions:
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