

Livelihood Structures Between Land and Sea

Reimagining Dalyans of Istanbul

Ideas Competition for Architecture Students



THEME 'DALYAN'

In the Book of Navigation ('Kitab-ı Bahriye') Piri Reis describes dalyan: "They installed fish dalyans along the shore lining posts, it is a place of many fish."

Until the last quarter of the 20th century, Bosphorus topography was marked by poetic fishing structures, referred to in Turkish as 'dalyan'. Evliya Çelebi mentions 300 of such structures along the coast of Marmara and the Bosphorus, while the author of the 1915 book "Fish and Fishery in Turkey," Karakin Deveciyan refers to 38 of them and Reşat Ekrem Koçu has a list of 45 dalyans in his famous Encyclopedia of Istanbul.

Dalyans are timber structures used for coastal fishing with net mechanisms for fishing. They are also temporary dwellings for the fishermen, creating a livelihood with socio-economic practices.

Karakin Deveciyan has a definition of the functioning of the dalyan in his 1915 book.

The most important of the fixed nets used for fishery in Turkish waters are the 'dalyans' whose history dates back to ancient times. Dalyans have an important place in fishing in the whole East. They are installed a few hundred strokes from the shore, or in river entrances, or in the sluices of lakes. They consist mostly of a wide variety of nets or fences arranged using many stakes, ropes and iron anchors. [...]

According to a newspaper report, there are only three dalyans left in Istanbul (*Diken*, 4 August, 2019). The genre nevertheless provides a memory of sustainable coastal fishing mechanisms that play a crucial role for the Bosphorus ecosystem, which has been under threat due to a number of factors, including industrial fishing and pollution, and culminated in the summer of 2021, with the high number of mucilage.

TOPIC

“Reimagining Dalyans of Istanbul” Competition aims to open a ground to rethink through architectural design, the topographical, structural, urban, social, economic and ecological role of the dalyans, in view of contemporary conditions – possibilities and problems.

These could include integrating new technology, rethinking of the coastal fishing practices along the Bosphorus, issues of sustainability and ecology, socio-economic role of these structures as well as their architectural and urban expressions.

The projects are expected to develop architectural relations along/with the shore. They are to develop fishing net structures under/on the sea, while including observation, circulation and living structures above the sea. The designs can take account of the seasonality of the dalyan fishing. Physical and digital modeling of the structures are encouraged, and they can be included within the project boards.

Contestants are expected to develop their own design programme, which should nevertheless include temporary living spaces for the fishermen and integrate thoughts on structure and fishing mechanisms (net setting, collecting, repairing; fish watching, catching, transporting, etc.).

In reference to Karekin Deveciyan’s map, there are four designated project sites, in view of their suitability to dalyan structures. These are included in the attached map, as A- Büyükdere-Kireçburnu, B- Beykoz Paşabahçe, C- Bebek- Arnavutköy, D- Çengelköy. The contestants can choose any point from these areas, taking account of the land-sea connections.

References

Karekin Deveciyan, Türkiye’de Balık ve Balıkçılık, Aras Yayıncılık, 2006. (ilk basım, 1915)

Türk Boğazları Seyir Rehberi, Seyir, Hidrografi ve Oşinografi Dairesi Başkanlığı, 2015.

PARTICIPATION AND SUBMISSION

1. The idea competition is open to the participation of all architecture students studying in Turkey. Students may participate individually or in groups. There is no participation fee.
2. Projects must be submitted as two (2) vertically designed boards in A3 format. The 5-digit alias name determined by the participants should be placed in the 1x3cm area to be created in the upper right corner of each board.
3. A3 Boards, ‘Student Certificate’ and ‘Participation Form’ should be sent digitally to mimarlik@istinye.edu.tr in pdf format by the deadline. The file sizes should not exceed 10MB. (File sharing platforms that transfer create links that are only available for a short period of time, or cloud-based file sharing are not accepted.)
4. Any document other than the ‘Student Certificate’ and the ‘Participation Form’ must not contain a name or a sign indicating the identity of the constants.

CALENDAR

Questions:	May 30, 2022
Answers:	June 6, 2022
Project submission:	July 4, 2022, Monday (19.00 GMT+3)
Announcement of the winners:	July 31, 2022

Contestants can submit their questions until 17:00 on Monday, May 30 by filling out the form <https://forms.gle/MW2LZMpdMjV58XS98> . Questions and answers will be announced on Monday, May 30 at <https://gstm.istinye.edu.tr/en> and <https://en.istinyemimarlik.info/>

PRIZES

1.prize:	3,000 TL
2.prize:	2. 000 TL
3.prize:	1.500 TL
2 equivalent mentions:	1.000 TL

JURY

Semra Aydınli, *Prof. Dr.*
Deniz Aslan, *Assoc.Prof., DS Architecture*
Zehra Tonbul, *Ass. Prof. İstinye University*
Kerem Piker, *Kerem Piker Mimarlık*
Pınar Gökbayrak, *PAB Mimarlık*

Sarper Takkeci, *University Lecturer, İstinye University, Reporter*
İmge Yılmaz, *Research Assistant, İstinye University, Reporter*

İstinye Architecture:

<https://gstm.istinye.edu.tr/en>
<https://www.en.istinyemimarlik.info/>
<https://www.instagram.com/istinye.mim/>

Poster

Photo: Metehan Kurt, *gezgindergi, 2015*
Graphic Design: Başak Aka