

ROBOSUB 2025

Istanbul Technical University
ITU AUV Team

Community & Outreach Description

This year, as the ITU AUV team, we organized a national underwater robotics community breakfast event to bring together high school and university teams from across Türkiye. Our main objective was to strengthen the underwater robotics community in our country, promote collaboration, and create an environment for knowledge sharing and mutual motivation.

The event was held on February 2nd, 2025, at Istanbul Technical University, with the participation of 12 teams and a total of 52 students and mentors. Each team introduced themselves, shared their technical approaches, and presented their experiences in underwater vehicle design, manufacturing, and software development.

In addition to the presentations, we prepared a fun educational game related to underwater robotics to enhance engagement and create an enjoyable atmosphere. Teams enthusiastically participated in the game, which tested their general knowledge and quick thinking about underwater systems, competition rules, and marine technologies.

One of the most impactful outcomes of this event was the creation of a WhatsApp group including all participating teams, enabling continuous communication, idea exchange, and potential future collaborations. Participants expressed that this gathering was highly motivating, as it allowed them to meet other teams working towards similar goals, gain new perspectives, and feel part of a broader national community.

As the ITU AUV team, we believe that strengthening the underwater robotics ecosystem in Türkiye requires building strong relationships and support networks between teams. Therefore, we plan to continue hosting similar events annually, aiming to include hands-on technical workshops, mentor sessions, and sponsor meet-ups in the coming years to further support the educational and engineering development of high school and university teams.

This outreach activity has not only helped us grow as a team in terms of leadership, communication, and organizational skills but has also contributed to our vision of creating a more collaborative and inspiring underwater robotics community in Türkiye.