

NATIONAL ROBOTICS COMPETITION

# NRC ROBOCUP SINGAPORE COSPACE CODING CHALLENGE

Tertiary

## RESCUE CHALLENGE



Version: 9 March 2023

Organiser:



Sponsored by:



Ministry of Education  
SINGAPORE

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## RoboCup Singapore CoSpace Coding Challenge Rules 2023 (Rescue Category – Tertiary Level)

In RCAP CoSpace Rescue Challenge, teams will develop and program appropriate strategies for virtual autonomous robots to navigate through virtual worlds to collect objects while competing with another team's robot that is searching and collecting objects.

The RCAP CoSpace Rescue Simulator (vision) is the only official platform for this league. This simulator allows programs to be developed using a graphical programming interface or C language.

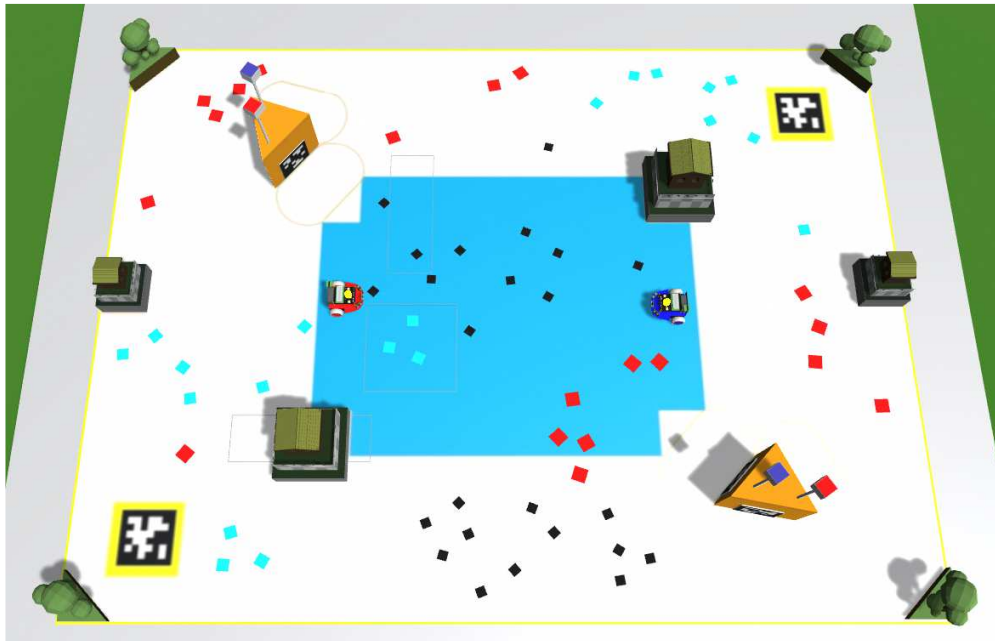


Figure 1: RCAP CoSpace Rescue Challenge (Vision)

For details, refer to the official rules:

[https://robocupap.org/Rule\\_Book/RCAP\\_CoSpace\\_Rescue\\_University\(Advanced\).pdf](https://robocupap.org/Rule_Book/RCAP_CoSpace_Rescue_University(Advanced).pdf)

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