

APPLICATION SCENARIO

ENVIRONMENT SUBSYSTEM

- Car can detect autonomously the environmental condition (Water, land).
- Car can avoid obstacles autonomously in both environmental conditions (Water, land).
- If the car is in the surveillance mode it can differentiate if the audio or light signals are coming from rescuing objects or from other environmental interfering audio and light signals.
- The car can detect and avoid borders, non-traceable ground, and dangerous environments.
- Car can scan the environment and can make a digital map. By using algorithms, it can find the shortest path to rescue the object.
- After the virtual map is generated, we can define the car position where it is exactly, and we can measure the time that we need to perform the rescuing action.