

Perception under Adverse Conditions for UGV Navigation

We are looking for integrated technical solutions that will enable Unmanned Ground Vehicles (UGV) to manoeuvre around and/or overcome both static and dynamic obstacles under adverse weather conditions such as heavy rain smoke, dust and haze. The solutions should be targeting UGVs operating in any environment, and alongside other (non-cooperative) human-operated vehicles.

Candidates applying for the Temasek Research Fellowship are free to propose research topics that could lead to the advancement of the technologies along the broad areas stated above. They should possess outstanding research competencies in the relevant domain area and are expected to design and develop prototypes that demonstrate the achieved technological advances.

For more information, please contact Mr Cheng Li Wei, Project Manager, Future Systems and Technology Directorate (FSTD), MINDEF at Cheng_Li_Wei@defence.gov.sg