



Flying Fish Cove Landslide Mitigation Project

The Project

The Department of Infrastructure, Transport, Regional Development and Communications (the Department) has contracted Arup Engineers to undertake upgrades to existing rockfall protection fencing located at Flying Fish Cove on Christmas Island (CI).

These specialist engineers will design and build new fences to better manage rockfall risks and protect the community and infrastructure, with areas with the greatest exposure to be upgraded first.

Three fences near the Boat Club area, Marine Building, Madrasa and the adjacent shop, will be replaced between October 2020 and October 2021.

The upgrade of these fences will ensure ongoing protection for the community and infrastructure in Flying Fish Cove.





For the community's safety, access is likely to be restricted around these areas and surrounding areas while work is under way.

The Department and Arup are working together to ensure the community is kept informed at every stage of the project. It is critical that residents and visitors in the Kampong residential and recreational areas understand the risk of land slippage and rockfall, and evacuate the area immediately if alarms are sounded or if asked to do so.

Background

Following heavy rainfall, there were a number of land slippage events on CI in 2016 and 2017, presenting risk to the Kampong residential and recreational areas.

The landslide mitigation fence-works will complement the work already undertaken to improve stormwater management on CI.

In 2018-19, the Australian Government provided \$1.3 million over two years to complete investigations, design and specifications of long term stormwater arrangements at Drumsite.

Stormwater measures include:

- Modelling to better understand stormwater flows and inform infrastructure redesign
- Installation of stormwater flow monitors to collect data to test the redesign. Data is also expected to inform emergency management procedures
- Installation of a weather station near Territory Day Park and site monitoring stations at five separate locations to record localised rainfall and other data to better predict slippage events
- Re-design of the Drumsite stormwater network, incorporating a number of new retention basins to slow the discharge into the stormwater system
- Re-routing stormwater around, rather than through, the school grounds

Community and Stakeholder Engagement

Residents and community members more affected by the works will receive further direct communications. Residents in the area will be notified before any work is undertaken.

If you require any further information regarding the works, please contact the project team at territories_projects@infrastructure.gov.au

September 2020