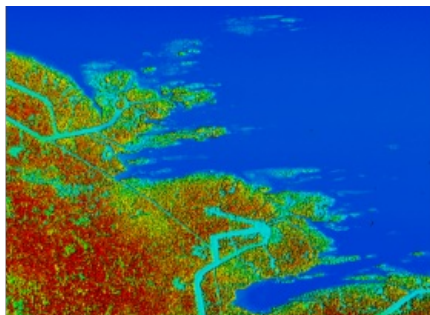


Insights into Multi-spectral Airborne Lidar



Mr Judah Westby, regional sales manager at Teledyne Optech, will deliver a presentation on the multi-spectral [Optech Titan](#) during the [Asian Conference on Remote Sensing \(ACRS\)](#) taking place from 19-23 October 2015 in Quezon City, the Philippines. The presentation, titled 'New, Flexible Applications with the Multi-spectral Titan Airborne Lidar', will explore new shallow-water survey data that the Titan provides and what can be done with it.

The Titan's data is showing how its 532nm channel penetrates up to 15 metres deep in clear coastal areas. By using all three channels, Titan can also measure up to 900,000 points per second on land, giving it flexibility for both bathymetric and topographic surveys. Furthermore, Mr. Westby will show how the Titan measures 12-bit intensity returns from its

532-, 1064-, and 1550-nm channels separately, enabling the user to identify soil, grass, asphalt, buildings, and even different species of trees. This ability makes the Titan a powerful tool for land classification programs, ecological monitoring, tree farm management, and more.

Teledyne Optech will also display several of its other high-accuracy surveying systems at booth 4C. Here, visitors can learn how even small companies can use the world-leading Lidar bathymeter [Optech CZMIL Nova](#) by borrowing it through the CZMIL Project Programme. The booth will also have details about new uses for the [Optech ILRIS](#) terrestrial laser scanner, including software integration with the new camera-equipped Optech XR6 UAV for lightweight surveying, and with Teledyne RESON's SeaBat echo-sounder for harbour and coastal management.

<https://www.hydro-international.com/content/news/insights-in-multi-spectral-airborne-lidar>
