The Future of Surveying 2.0

Over the last decade in Trinidad & Tobago, practicing surveyors have been at the forefront of innovation, technological adaptation and knowledge transfer in the fields of surveying, mapping and geomatics. *The Future of Surveying 2.0* continues this trend, by providing industry relevant applications of the latest digital technology to surveying plans, projects and processes. At the end of this event, surveyors would have acquired additional insight, knowledge & enthusiasm to leverage new technology to improve the products & services being offered to their clientele.

1. **Artificial Intelligence x TTLS**

    This session will demonstrate the use of Artificial Intelligence to read cadastral survey plans prepared by TTLS. AI will be used to extract information contained survey plans, which can then be used by surveyors and other stakeholders for their specific needs. The possibilities of incorporating additional meta-data to survey plans and the need for revisions to the Land Surveyors Rules for plan preparation to accommodate AI will be discussed.

2. **Digital Twins x Surveying**

    This session will demonstrate three (3) actual surveying projects in which digital twin technology was used to meet clients' needs. It will show how digital twin technology was used for data extraction, CAD, quality control, modelling, visualization and communication with clients. The benefits of using digital twin technology to assist the land surveyor while undertaking projects will be discussed.

3. **Close Range Photogrammetry x Mapping**

    Land surveyors are already familiar with the use of tools and methods to survey vast landscapes and features visible to the naked eye. This session explores the use of close range photogrammetry to acquire measurements at an unprecedented level of detail (sub-millimetre). The particular application to be examined is the cost-effective mapping of structural cracks in concrete. Basic tools and methods will be discussed.

4. **A Cloud-Based Land Information System for Surveyors**
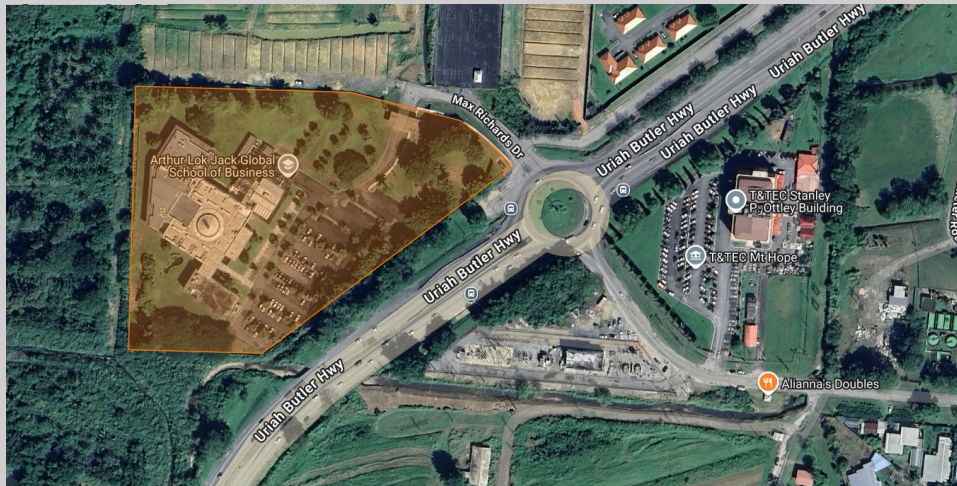
    This session explores the use of a free online platform for hosting your surveying records. Your database can be accessed from any device with an internet connection. This platform can be used to store data including survey plans, title documents, field notes, site photos and more. The learning curve, data accessibility, security, data retrieval and updates will be discussed, along with the platform limitations.

The Future of Surveying 2.0 – Event Details

Date: Thursday 20th November, 2025

Event Location: Arthur Lok Jack Global School of Business, Mt. Hope

Location:

https://www.google.com/maps/d/edit?mid=1FzrvBJsxKtuoosYtEP_2aCwkERpT1uw&usp=sharing

Time: 7:00am to 4:00pm (Registration 7am-8am; Networking 3pm-4pm)

Cost: In Person (9 Hours) - $650 ; Online - $600 (6 Hours)

Registration Link : https://events.skillfindertt.com/event/the-future-of-surveying-2-0/

Main Presenter : Christian Persad, TTLS

Event Co-ordinator : Ricardo Sullivan/SkillfinderTT

For more information : Contact skillfindertt@gmail.com or 683-3643

APPROVED BY THE LSBTT FOR NINE (9) CPD HOURS