

Drones in Action-Future of Mine Surveying

Implementation of UAV based surveying at Fortescue Cloudbreak Mine Operations

Presenter:

Natacha Aguilera-Selormey

Senior Mine Surveyor, Fortescue Metal Group Ltd-Cloudbreak Mine



DATE: Monday 2nd October 2017

TIME: 5.30pm

VENUE: North Metropolitan TAFE Campus

30 Aberdeen Street, Northbridge, WA, 6003

ENTRY: Free of charge and just walk in

Presentation Highlights:

- Introduction to UAVs
- The purpose of UAV based surveying
- Regulatory approval challenges
- Safety Aspects
- Utilisation of UAVs in day to day surveying
- Comparison of results in both Pits and Stockpiles



About the speaker



Natacha Aguilera-Selormey obtained her Bachelor of Surveying qualification from Curtin University of Technology in 2000. After graduation, Natacha worked over two years Engineering and Cadastral surveying before joining mining industry 15 years ago. Natacha's experience in mine surveying covers both underground and open pit mines. Being a WA Authorised Mine Surveyor (grade 2) Certificate holder, Natacha is passionate about safety and maintaining high standards in spatial data acquisition.

Natacha joined Fortescue Metals Group in 2011 as Mine Surveyor and became Senior Mine Surveyor six years ago. Natacha's mine surveying team provides accurate survey services for mine planning and operations activities at 40Mt per annum Iron Ore Mining Operations. She is leading force behind implementation of UAV based surveying at Fortescue and has won an award at CME WA Safety awards in 2015.

Mining Engineering Subcommittee

Institution of Engineers Sri Lanka-Western Australia Chapter