



ProGeo 2020

The Geological Society -
South West Regional Group

DIGITALISATION AND INNOVATION IN GEO-ENVIRONMENTAL PRACTICE

27th November 2020



Sentinel 2 false colour infrared remotely sensed image utilised for detecting areas of peat for overhead line tower sites. Courtesy of David Giles

Programme

15.30 *Welcome to attendees. The growing importance of digital and innovative technologies in geo-environmental practice.* Dr Irene Manzella, Chair of the South West Group

15.40 *The use of LiDAR and Satellite Imagery in Ground Investigation.* Dr David Giles, CGL, UK

16.00 *Statistical method for soil pollutant measurements.* Dr Lauren Ansell, University of Plymouth & Rod Smith, John Grimes Partnership Ltd, UK

16.20 *Social media data for landslide mapping and monitoring along the UK Coastline.* Sewedo Todowede, University of Plymouth, UK

16.40 break

16.50 *Can new technologies shake the empirical foundations of rock engineering?* Dr Davide Elmo, University of British Columbia, Canada

17.15 *General discussion.* Chaired by Dr Irene Manzella

17.30 *Concluding remarks*



The event will be held online on Zoom. It is free but registration is needed using the following link:

https://us02web.zoom.us/webinar/register/WN_HCCAJTY6Q7qhyuPAuZ5Rcg