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| **Part 1: Changes to ICE Chartership Process** **Cath Mansell, ICE****Part 2: 2021 GeolSoc Early Career Award Winner: Kinematic Failure of Rock Slopes****Tom Pickard, AECOM****Part 1: Changes to the ICE Chartership Process**Cath will be talking about ICE streamlining; this is an update of standard membership processes and procedures to provide clearer and smoother pathways to help our members achieve a professional qualification.**About the speaker:**Cath has worked as an ICE Membership Manager since 2017. Together with her team of 5 Membership Development Officers, she supports civil engineers and civil engineering technicians to work towards gaining a professional qualification with the ICE. The regions that she covers are the English Midlands, South Asia and Africa.**Part 2: Kinematic Failure of Rock Slopes: A day out in Al Ula, Saudi Arabia**A vast, golden landscape of virgin sand dunes bounded by valleys of sandstone and basalt with ancient history carved into the walls of extensive cave systems. Dramatic and beautiful landforms created by an age of weathering and erosion. Glorious sun, a gentle breeze and nothing to disturb the peace but the curious camels. The perfect place for a new resort, right?This presentation will describe the findings made by two AECOM engineering geologists during a half-day trip to Al Ula and the proposed location of an exclusive new resort in Saudi Arabia. A combination of satellite imagery, photographs and drone footage are used within the presentation to highlight the very real risk of kinematic slope failure at the site. The type of data collected during the fieldwork, the methods used to collect and present the data and the possible methods of future investigation are all discussed. The presentation concludes with a conversation about perspective and risk. **About the speaker:**Tom Pickard graduated with a first-class degree in Engineering Geology and Geotechnics in 2016 and joined AECOM in their Basingstoke Office, where he now works as an Engineering Geologist. Since joining AECOM, Tom has gained a great deal of experience scoping, planning and supervising ground investigations; developing ground models for various design projects across southern and western UK and overseas in the Middle East, and has worked on a varied portfolio of geotechnical design elements.Over the last few years Tom has been more heavily involved with rock engineering projects, including spending two years at Hinkley Point C in a construction support role: validating the dynamic support solutions for the major excavations and onshore tunnelling contracts. |  |

**Dial in details for 6th December meeting:**[Join Microsoft Teams Meeting](https://teams.microsoft.com/l/meetup-join/19%3Ameeting_MDYyNGIyZjUtNzRmNy00MGU4LWIyYmQtYTIyMDVmN2Q5NGIy%40thread.v2/0?context=%7b%22Tid%22:%224ae48b41-0137-4599-8661-fc641fe77bea%22,%22Oid%22:%2274454327-b7fa-432b-bf31-04aab7c1f9dd%22%7d) Join from a video system Dial: teams@vmr.arup.com Video Conference ID: 128 982 315 4#Join by phone (audio only) +44 20 3321 5205  United Kingdom, London Phone Conference ID: 114 325 585# **This season’s lectures...***Monday 10th January 2022*Mining and the Railway, Neal Rushton, Network RailIn person – University of Birmingham*Monday 7th February 2022*Global Landslide Hazard Mapping for the World Bank, Peter Redshaw, Bx*Monday 7th March 2021*John Mitchell Award Lecture*Monday 4th April 2021*Rankine Lecture, Prof. Stephan Jefferis *Monday 9th May 2021*Annual General Meeting & Environmental LectureEastern Quarry and UN SDGs, Anna Morley, Arup |