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| **Earthquake Engineering Field Investigation Team Remote Mission to Haiti following the Earthquake of 14th August 2021****Dr Michael Whitworth, AECOM****Synopsis:**On 14 August 2021, an earthquake of magnitude 7.2 struck the Tiburon Peninsula in the Caribbean nation of Haiti, approximately 150km east of the capital Port au Prince. The event has been followed by numerous aftershocks up to magnitude 5.7, and tiggered over 1000 landslides. Over 2000 people lost their lives, with over 15,000 injured and over 137,000 houses damaged or destroyed. In October 2021 the Earthquake Engineering Field Investigation Team (EEFIT) undertook a Remote Reconnaissance mission to investigate the impact of the earthquake. The objectives of the mission were three fold; first to utilize open source information to characterize the earthquake; second to obtain and analyse remote sensed data such as Sentinel-2 and InSAR to evaluate aspects such as damage and landslides and finally; utilizing building damage data collected by Structural Extreme Events Reconnaissance (StEER) team to understand the impact of earthquake on a range of building infrastructure including hospitals, schools, churches and residential housing. The presentation summarises the main findings of the mission.**Speaker:**Dr Michael Whitworth is an Associate Director of Engineering Geology/Geomorphology, with over 15 years of experience working on a range of projects both in the UK and Internationally. Michael is a committee member of the Earthquake Engineering Field Investigation team, participating in the 2015 mission to Nepal. He is currently leading the EEFIT Remote Mission following the devastating Haiti earthquake of 14th August 2021. |  |

**Dial in details for 7th February meeting:**[Join Microsoft Teams Meeting](https://teams.microsoft.com/l/meetup-join/19%3Ameeting_MmU3ZTIwOWMtNzdiYy00YThmLWJhN2QtZDA3NTYyN2ZiYjY2%40thread.v2/0?context=%7b%22Tid%22:%224ae48b41-0137-4599-8661-fc641fe77bea%22,%22Oid%22:%2274454327-b7fa-432b-bf31-04aab7c1f9dd%22%7d" \t "_blank) Join from a video system Dial: teams@vmr.arup.com Video Conference ID: 126 440 464 1#Join by phone (audio only) +44 20 3321 5205  United Kingdom, London Phone Conference ID: 802 714 096# [Local numbers](https://dialin.teams.microsoft.com/643dcf32-68b1-48c0-af36-6d6ce6093805?id=802714096) | [Alternate VC dialing instructions](https://eurpexed101.arup.com/teams/?conf=1264404641&ivr=teams&d=vmr.arup.com&ip=149.126.107.218&test=test_call&w)**This season’s lectures...***Monday 7th March 2021*John Mitchell Award Lecture*Monday 4th April 2021*Design & Specification of Earthworks, Paul Nowak, Atkins*Monday 9th May 2021*Annual General Meeting & Environmental LectureEastern Quarry and UN SDGs, Anna Morley, Arup |