08:30  Registration refreshments
08:55  Chair’s opening remarks
        Paul Coney, global technology leader for geotechnics, Jacobs
Strategic outlook
09:00  Ensuring a transport network fit for the future
        Michael Edwards, principal engineer, Network Rail
09:30  Question and answer session
09:40  Examining the investigations and designs for future major projects.
        Andrea Gillarduzzi, technical director - geotechnical engineering, Lower Thames Crossing (Arcadis)
        Joseph Kennedy, discipline engineer, London Underground
        Alison Graham, principal geotechnical engineer, Atkins Jacobs JV
        Lesley Campton, associate (geotechnics), Atkins Jacobs JV
10:40  Networking refreshments break
Roads and Highways
11:10  Transport Scotland – Monitoring and managing landslides and rockfalls
        Jonny Moran, operating company manager, Transport Scotland
        Paul Mellon, geotechnical specialist manager, Transport Scotland
11:30  Exploring the Travis Brow A6 Link Road and the challenge of constructing next to listed structures
        Alan Willoner, technical principal, Mott MacDonald
12:00  Question and answer session
12:30  Networking lunch
Rail Networks

13:30 Arley Cutting: Preventing future instability through soils nails and ground strengthening to last 120 years
Luke Swain, senior asset engineer (geotechnics), Network Rail

13:50 Dawlish case study: Learning from experience and creating a rail network resilient to climate change
Mike Gallop, director of route asset management, Network Rail

14:10 Connecting rail cuttings to the internet and the impact for asset management
Xiaomin XU, research associate, CSIC

14:30 Question and answer session

15:00 Networking refreshments break

Future developments

15:30 Rising Stars – how will transport geotechnics change in the next five years
Bringing together some of the 2019 GE Rising Stars to discuss ideas for how transport projects will be affected by technology, new techniques and better designs, and what this means for the future of the sector.

16:00 Major project in focus: understanding the geotechnical design and delivery challenges facing the Heathrow expansion programme
Emma-Jane Houghton, commercial director, Heathrow

16:30 Question and answer session

16:45 Close of conference and drinks reception

EMAP 2019. The programme may change due to unforeseen circumstances. EMAP reserves the right to alter the venue and/or speakers.