

WEBINAR:

GEOHAZARD ANALYSIS: PAST, CURRENT, AND FUTURE

INSTRUCTOR: Sergei Terzaghi, Arup, Principal – Americas Geotechnical Skills Leader

31 May 2018 2:00 – 3:00 PM EDT

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GEOHA ZARD PROFESSIONALS

Recent earthquake events around the globe have rejuvenated discussions concerning the many facets of geohazards, our understanding of them and their anthropogenic influence. It is sometimes forgotten that geohazards are complex systems that often involve more than just one hazard or triggering mechanism. This webinar will discuss these aspects as well as the evolution of current ideas, with particular focus on unstable slopes. It will reflect on where present trends are leading us and whether or not we are asking the right questions for creating solutions and guiding the future of geohazard management.

INSTRUCTOR: Sergei Terzaghi, Arup

Principal – Americas Geotechnical Skills Leader

Sergei Terzaghi has over 30 years of experience encompassing the full breadth of geotechnical engineering largely in the pacific basin. As part of that experience, Sergei has spent a lot of time remediating slopes of all descriptions using a range of techniques.

In order to determine the most cost-effective approach, he has had to go to first principles on many slopes and build the understanding of the failure mechanisms, largely because the conventional theories ascribed to the failure often did not explain what was going on and lead to uneconomical solutions. Many of the solutions were in a time and cost constrained environment working in a design build or similar environment, yet requiring a sufficiently robust design and documentation.

Presented by The Association of Geohazard Professionals (AGHP), a non-profit organization created in 2013 to support the development of standards, specifications, and best practices concerning the design and implementation of geohazard-related technologies and products and to provide education to the geohazard community and those it serves.

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