An Introduction to Landslides and Mass Wasting

This course is designed to be an introduction to the subject of landslides or mass wasting. Landslides or mass wasting occur in both solid bedrock and in poorly-consolidated sediments. Concerning the latter, loose sands, clays and soft shales can prove to be quite problematic. These type of strata are highlighted in our discussions. We will start with a basic review of soil mechanics and strength of materials, as a precursor to our coverage of the topic of landslides. We will discuss the causes of landslides, their form and classification, as well as methods of analysis, prediction and prevention. It is our hope that the material covered in this course will provide you with a firm background and motivate you to explore this important subject in greater depth.

Organization:

- American Institute of Professional Geologists

CEUs:

1.00

Link to GOLI Course:

https://www.americangeosciences.org/goli/AIPG008