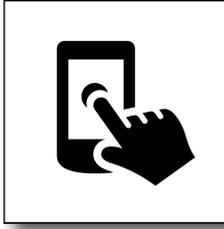




Android and iOS Devices for SMCRA



Android/iOS based devices loaded with a tool set of applications (APPs) that can be used to navigate, take notes/pictures, and utilize geospatial data in the field. This course provides an introduction to Android and iOS devices as a utility for SMCRA related business practices. Through lectures and classroom/field exercises, students learn about tools, menus, GPS, and geospatial data capabilities that come with Android/iOS devices. The course emphasizes best practice principles and considerations for common field tasks utilizing a number of Android/iOS APPs.

Duration: 2 days

Course Code: GAI

TOPICS COVERED

Course Objectives

- ▼ Provide an introduction to Android/iOS devices as a utility for SMCRA related tasks.
 - ▼ Explore tools, menus, GPS, and geospatial data capabilities that comes with with Android/iOS devices.
 - ▼ Recommend best practice principles and considerations for common filed tasks utilizing a number of apps for Android/iOS.
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- ▼ Android/iOS devices
 - ▼ Applications (APPs)
 - ▼ Understanding basic GIS/GPS
 - ▼ Relative GPS accuracy of Android/iOS devices
 - ▼ How to prepare a project (download/upload)
 - ▼ How to navigate
 - ▼ How to collect data
 - ▼ How to display data
 - ▼ How to edit data
 - ▼ How to leverage data with ArcGIS/AutoCAD

WHO SHOULD ATTEND: Inspectors, Hydrologist, Soil scientist, Biologist, Mining Engineers, Reclamation specialist, Geospatial staff, and Other field staff.

COURSE PRE-REQUISITES: Familiarity with Android and/or iOS devices. **Class size is limited to 12–17 students, depending on location.**
