Wildfire GIS Mapping Specialist

Overview/Description

The use of Geographic Information Systems (GIS) and Global Positioning Systems (GPS) are two of the most efficient methods for capturing, documenting and managing all of the information regarding the location of facilities, conditions, and environments affected by wildfire. This unique mapping information can be used in GIS for analyses and updates to support wildfire planning and operations.

This course is designed for individuals involved in Wildfire GIS support activities who have a sound operational understanding of GIS/GPS and the ability to plan and execute a GIS/GPS mission. Individuals from all wildfire agencies in Canada with a strong background in GIS are encouraged to apply however some course material is specific to Alberta Wildfire Management Branch needs and certification requirements.

Fire Mapping Extension - used to facilitate standard mapping products using datasets derived from AWT tools used to produce maps matching Alberta format standards.

Target Audience

Specialists/Technologists/Technicians actively using GIS/GPS in a land or resource management environment that are interested in participating in wildfire incident management.

Prerequisites

- Must be proficient in GIS especially ArcGIS Desktop 10.3 or higher.
- Proficient in file management procedures.
- Online Introduction to ICS I-100.

Registration

Forestry Division employees register through your local training contact.