

**2018 TRAINING OPPORTUNITY**  
**S-341 - GIS Specialist for Incident Management**  
*Utilizing advanced GIS skills to support incidents*

**Five Sessions:**

Sacramento, CA: March 5-9, 2018  
Boise, ID: March 19-23, 2018  
Albuquerque, NM: April 2-6, 2018  
Raleigh, NC: April 23-27, 2018  
Redmond, OR: April 30-May 4, 2018

*Nominations due November 1, 2017*

***NOTE: One nomination submission accepted per individual.***

COURSE DESCRIPTION: S-341, GIS Specialist for Incident Management course is designed to train and develop the competencies of the Geographic Information Systems Specialist (GISS) Incident Command System (ICS) position. S-341 curriculum adheres to the standards in the NWCG GIS Standard Operating Procedures (GSTOP) publication. The course combines lecture/demo, discussion, and individual and group exercises in on-line and classroom environments. The S-341 course goal is to prepare a GISS Trainee for GISS Trainee assignment(s), with the expectation of full GISS qualification. Candidates from all agencies interested and/or involved in wildland fire and all-hazard incident management are encouraged to apply.

<https://nationalfiretraining.nwcg.gov/catalog/index/S341>

**NOTE: S-341 is training on the use of GIS to support Incident Management operations. This is NOT a course to learn GIS. S-341 is a course for GIS practitioners, already proficient at managing/editing geospatial data (geodatabases), spatial analysis, and map production using ArcGIS.**

S-341 training has three required components:

- 1) **Pre-work Training** Applicants with complete nominations will receive access to pre-work materials 4-6 weeks before the classroom session starts. Pre-work lessons consist of online presentations, reference materials, examinations and web meetings. Applicants passing (70% or better) the pre-work lessons will be invited to the classroom portion of the course. (self-paced Lessons with Unit completion deadlines)
- 2) **Web Live Meeting** Pre-classroom faculty and student webinar (1 hour)
- 3) **Classroom Training** (24 hours)

OBJECTIVE: Upon completing the course, students will have the knowledge and skills to respond to fire and all-hazard incidents and perform the duties of a trainee GIS Specialist (GISS-T). This includes:

- Assignment preparation and deployment.
- Manage incident data, adhering to NWCG standards
- Create the standard maps within established timeframes.
- Document, share, and archive incident data and products.

TARGET AUDIENCE:

GIS specialists, GIS technicians, and cartographers with advanced GIS skills working in a Land or Resource Management environment that are interested in utilizing those skills for wildland fire or all-hazard incident management.

COURSE PREREQUISITES:

- Skilled level of knowledge of **ArcGIS 10.x**. *Students are expected to enter the class with a high degree of proficiency in the use of GIS, spatial data construction, editing, analysis and map production.*
- Completion of Introduction to the Incident Command System (IS-100b) course, <https://emilms.fema.gov/IS100b/index.htm>
- Read GSTOP, <https://www.nwcg.gov/committees/geospatial-subcommittee/publications>
- Available for dispatch to an incident as a GIS Specialist trainee within the following year. Availability includes supervisory approval and a personal commitment to support at least one incident.

COURSE HARDWARE: Students must bring a laptop computer with single-use ArcGIS license installation (ArcGIS version TBD prior to pre-work session).

NOMINATION PROCESS: Please refer to [https://nationalfiretraining.nwcg.gov/nomination\\_information](https://nationalfiretraining.nwcg.gov/nomination_information) for a complete description of the nomination process and to download the nomination form or follow nomination procedure outlined in the area course announcement.

Tuition: \$400  
Nominations Due: November 1, 2017

*Note: Classroom session size is limited.*