



## S-495 – Geospatial Fire Analysis, Interpretation and Application

**IMPORTANT:** Please indicate one of the following options in the remarks section on your NWCG nomination form:

**VTC-Only w/Location/Locations of Nearest Federal Facility Available for VTC** - Student will not attend if she/he has to travel to NAFRI.

**VTC w/Location Specified or NAFRI** - Student can travel to NAFRI or would be willing to take class via VTC.

**NAFRI-Only** - Student only wants to take the course if offered in Tucson at NAFRI.

The purpose of the course is to prepare future LTANs, FBANs, and GSANs to use advanced geospatial fire analysis tools.

The course objectives are for students to:

- Comprehend the foundations of geospatial fire analysis.
- Demonstrate skill using current fire behavior modeling systems.
- Evaluate and interpret model outputs for application to fire management decisions.

### Location:

The majority of the course material is offered online at the student's home unit. This material provides the foundations of geospatial analysis, takes 100–120 hours to complete, and is critical for a student's success in the course.

Classroom portion of course will be presented at:

**National Advanced Fire and Resource Institute**

3265 East Universal Way

Tucson, Arizona 85706

VOICE: (520) 799-8787 FAX: (520) 799-8785

The course is being hosted at NAFRI, but not sponsored by NAFRI.

### Course Dates / Student Timeline:

September 30, 2011 – Student nominations due

November 1, 2011 – Qualifying exam due

November 15, 2011 – Student selections are made

November 15, 2011 – Online classroom portion of the course begins

November 15, 2011– April 2, 2012 (100–120 hours of online instruction)

April 9–13, 2012 – Classroom instruction

### Class Size:

60 students maximum

### Prerequisites:

S-490, Advanced Fire Behavior Calculations

S491, Intermediate NFDRS; and

An understanding of the standard fire behavior fuel models (the 13 and the new 40).

**Nomination Deadline:**

Nominations must be received by **October 13, 2011**.

Please submit completed electronic [NWCG Nomination Form](#) *through your training officer* and forward to [r8\\_sacg\\_training@fs.fed.us](mailto:r8_sacg_training@fs.fed.us) (please ensure that nominee meets all prerequisites as listed above).

For questions contact Clint Cross at 404-347-3192 or Debra Burgos at 404-347-5256.