



## FOREST SERVICE BAER TEAM BEGINS POST-FIRE ASSESSMENTS

A Forest Service Burned Area Emergency Response (BAER) team was established by the Coronado National Forest to begin burned area assessments of this season's forest wildfires to include the Bighorn and Emigrant fires which also burned on state, private, and federal lands. The BAER team leader is Greg Kuyumjian, who led the BAER assessment of the 2003 Aspen Fire, so he is familiar with the burned area of the Bighorn Fire. The team coordinates with the Bureau of Land Management (BLM), USDA Natural Resources Conservation Service (NRCS), National Weather Service (NWS), US Geological Survey (USGS), Arizona Geological Survey (AZGS), and other federal, state and local agencies as they assess potential post-fire impacts to the burned watersheds.

BAER surveys are rapid assessments that evaluate the burned area to identify watersheds having increased potential for post-fire flooding, sediment flows, and rock slides. Since the BAER survey is a rapid assessment to assist land managers prepare the burned area for the upcoming monsoon rains, the team will focus on potential emergency impacts to life, and safety on National Forest System (NFS) land and share the team's findings with the responsible downstream agencies.

BAER teams may consist of scientists and specialists including hydrologists, geologists, soil scientists, road engineers, botanists, biologists, archeologists, and geographic information specialists. BAER teams collect data during their burned area surveys to analyze through GIS and computer models and present their findings along with recommended BAER emergency stabilization treatments in a BAER assessment report.

BAER teams utilize satellite imagery and specialist data to analyze and produce a runoff map that show the levels of hydrological potential flows during rain events. This is the first step in assessing potential watershed impacts from wildfires to any NFS values that may be at-risk from potential increased flooding, sedimentation, debris flows, and rock slides. BAER teams produce a report that describes threats associated with the burned area's post-fire conditions along with recommended emergency stabilization measures and actions. BAER emergency response efforts are focused on the protection of human life, safety and property, as well as critical cultural and natural resource values such as the water quality of streams and wetlands on NFS lands.

BAER reports are shared with interagency cooperators who work with downstream private home and land owners to prepare for potential post-fire flooding and debris flow impacts. Homes or businesses that could be impacted by flooding from federal land that resulted from wildfires may be eligible for flood insurance coverage from the National Flood Insurance Program (NFIP). Information about NFIP is available through FEMA at [www.fema.gov/national-flood-insurance-program](http://www.fema.gov/national-flood-insurance-program), or [www.fema.gov/wildfires-you-need-flood-insurance](http://www.fema.gov/wildfires-you-need-flood-insurance). Other flood preparedness information is available at [www.ready.gov/floods](http://www.ready.gov/floods) at [www.floodsmart.gov/](http://www.floodsmart.gov/).

**SPECIAL NOTE:** *Everyone near and downstream from the burned areas should remain alert and stay updated on weather conditions that may result in heavy rains over the burn scars. Flash flooding may occur quickly during heavy rain events-be prepared to take action. Current weather and emergency notifications can be found at the **National Weather Service** website: [www.weather.gov/twc/](http://www.weather.gov/twc/).*

**Bighorn Post-Fire BAER Assessment information is available at: <https://inciweb.nwcg.gov/incident/6796/>**

