

***GOOGLE AND GIS INTEGRATED ON THE ARM WEBSITE:
A WORK IN PROGRESS***

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ABSTRACT

Google Maps API scripting code was embedded in the ARM Web pages to geographically represent the ACRF Sites globally. Google Maps API includes the capability to zoom in at varying resolutions, with satellite images and/or street maps as backdrops. The ACRF GIS (ESRI ArcGIS) database was merged with Google to include markers for the SGP site facilities. A new SGP Central Facility instrument map was produced in the ACRF GIS by overlaying the most up-to-date instrument locations on a commercial sub-meter resolution aerial photo, previously georectified in the GIS with a courser resolution USGS aerial photo. This map was then integrated into Google Maps as a custom map, extending the zoom level provided by Google Maps. As other facility maps are completed they will be added to Google Maps on the ARM Web page (www.arm.gov/sites).

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