



Information as of: June 11, 2015

NGA Nepal Earthquake Support Website

To support U.S. and international relief efforts in the aftermath of the 7.9-magnitude earthquake that struck Nepal on April 25, 2015, the National Geospatial-Intelligence Agency (NGA) established the publicly-facing NGA Nepal Support Website (<https://nga.maps.arcgis.com>), which provides unprecedented online access to unclassified geospatial data and analysis.

The agency established this online presence immediately following the earthquake to provide timely earthquake data services and damage assessment to the humanitarian organizations locating victims and delivering goods and services to areas in need. The website contains search and rescue atlases covering Kathmandu and six other areas of Nepal with overlays of imagery and data to assist rescuers and relief planners. Its content consists of 240 geospatial data layers and 46 map services. NGA continues to add geospatial products and data layers to the site as they become available.

“I wanted to congratulate [NGA] for the Data Services page – this is such a transformational shift in the way we (collectively) have run events.”

- FEMA GeoPlatform Employee

NGA's public online response to the Nepal earthquake marks a transformational shift in the agency's geospatial data and analysis contribution to crisis support efforts. The site's publicly-available content averaged 3,500 visits per day for the first nine days, with the most visits coming from the United States, Australia, United Kingdom, Japan and Nepal. To date, the site has received roughly 32,000 visitors from 155 countries/territories.

NGA is committed to providing real time access to geospatial data and analysis – ensuring users have knowledge readily available. NGA's Nepal support efforts have strengthened the agency's public data services presence by increasing the transparency of available unclassified geospatial content.

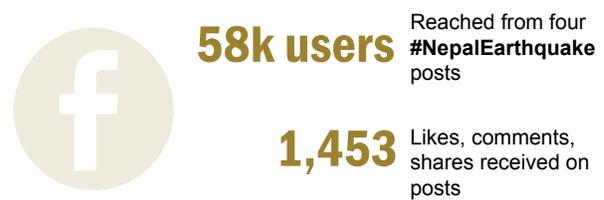
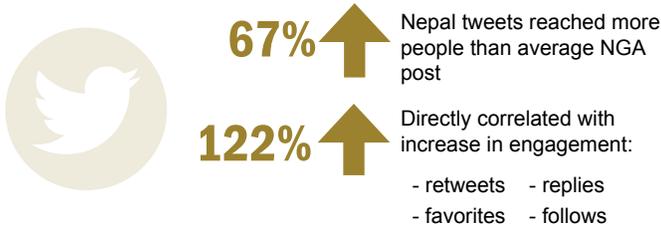
Esri ArcGIS Infrastructure

NGA's Nepal Support Website shares a platform with its Ebola site, which was launched in October 2014. The agency uses Esri's ArcGIS Online (AGOL) platform hosted by Amazon Web Services, a publicly-available service that supports both sites. The platform enables informed decision-making by allowing users to spatially visualize and analyze open source data integrated with public NGA data.



NGA Social Media Response

NGA Nepal-related tweets averaged 67% more audience than NGA tweets unrelated to the crisis. The public engagement of these tweets showed a correlated increase: retweets, replies, favorites and follows went up by more than 122%. Additionally, the agency's four Nepal earthquake posts on its Facebook page reached 58,000 users and received 1,453 likes, comments and shares.



Federated Web Services

On April 29, 2015, NGA began providing direct support to mission partners and the disaster relief and humanitarian assistance community through the All Partners Access Network (APAN) (<http://www.apan.org/>), ReliefWeb (<http://reliefweb.int/>) and the Humanitarian Data Exchange (HDX) (<https://data.hdx.rwlab.org/>).

NGA has made numerous Nepal products and web services available on APAN and ReliefWeb, via Amazon web service. The ReliefWeb database is one of the leading sources for global crisis and disaster information. This database is made up of over 550,000 pieces of humanitarian products and receives approximately one million visits monthly by humanitarians from across the globe.

NGA also shares its Nepal damage assessment web services on the Humanitarian Data Exchange. The HDX enables the humanitarian community to find relevant data across a wide variety of contributing organizations and has been broadly used for the Nepal Earthquake response. As a contributing member of HDX, NGA joins 148 participating organizations, from the United Nations (UN) to non-government organizations to foreign government bureaus.

GeoNames Database

As a result of its support to the Nepal relief effort, NGA added 7,682 new named geographic features to the GeoNames database and updated 1,152 features in Nepal. NGA continues to add and update features on a daily basis as the effort continues.

About NGA...

As a Department of Defense combat support agency and a member of the U.S. Intelligence Community, NGA provides geospatial intelligence, or GEOINT, in support of U.S. national security and defense, as well as humanitarian assistance and disaster relief. GEOINT is the exploitation of imagery, imagery intelligence and geospatial data to describe, assess and depict features and activities and their location on the Earth.

Approximately two-thirds of the NGA workforce is assigned to NGA Campus East, and approximately one-third is assigned to the two St. Louis facilities. In addition, NGA professionals are continuously deployed to worldwide locations providing intelligence expertise in support of national defense objectives.

National Geospatial-Intelligence Agency
7500 GEOINT Drive
Springfield, Virginia 22150

