



**Architecture & Technology
Working Group (ATWG)
March 2017**

**Perspective on
Volunteer Geographic Information Application**

Request	Volunteer Geographic Information Application
Requestor	Managing Partner
ID	RQ6
Date Created	2016-07-21
Category	Other
Summary	Many Agencies are starting to explore applications to support Voluntary Geographic Information or Citizen Science to harness the power of the crowd to enhance or collect data. This activity includes NGDA data sets development. The potential exists for shared application development or code to enable this capability. Also, best practices and process for incorporating VGI data into national assets could be enhanced through this shared development.
Context	Creation of an application and associated cloud services that could be customized by Agencies to gather data from the public. Consider ways to facilitate linking those proposed updates with the appropriate NGDA maintenance organization's review processes.
Consolidated Perspective	Creation of an application and associated cloud services that could be customized by Agencies to gather data from the public would be a value-add that GeoPlatform.gov could provide to Agencies. It makes sense to research available mapping/editing tools that may provide the desired functionality, and assess the level of effort needed to deploy them for the GeoPlatform.
ATWG Recommendation	The GeoPlatform Managing Partner consider leveraging existing open source VGI toolsets for the GeoPlatform community to enable and extend Department and Agency community geospatial outreach efforts in a

RQ6

coordinated approach through the GeoPlatform infrastructure.