



## Geo Issue Tracking System

Mohammad Khakpour, Christoph Paulik, and Sebastian Hahn

Department of Geodesy and Geoinformation (GEO), Vienna University of Technology, Gusshausstrasse 27-29, 1040 Vienna, Austria

Communication about remote sensing data quality between data providers and users as well as between the users is often difficult. The users have a hard time figuring out if a product has known problems over their region of interest and data providers have to spend a lot of effort to make this information available, if it exists. Scientific publications are one tool for communicating with the users base but they are static and mostly one way. As a data provider it is also often difficult to make feedback, received from users, available to the complete user base. The Geo Issue Tracking System (GeoITS) is an Open Source Web Application which has been developed to mitigate these problems.

GeoITS combines a mapping interface (Google Maps) with a simple wiki platform. It allows users to give region specific feedback on a remote sensing product by drawing a polygon on the map and describing the problems they had using the remote sensing product in this area. These geolocated wiki entries are then viewable by other users as well as the data providers which can modify and extend the entries. In this way the conversations between the users and the data provider are no longer hidden in e.g. emails but open for all users of the dataset.

This new kind of communication platform can enable better cooperation between users and data providers. It will also provide data providers with the ability to track problems their dataset might have in certain areas and resolve them with new product releases.

The source code is available via [http://github.com/TUW-GEO/geoits\\_dev](http://github.com/TUW-GEO/geoits_dev)  
A running instance can be tried at <https://geoits.herokuapp.com/>