

Geo-wiki.org: How community remote sensing can help to improve global land cover

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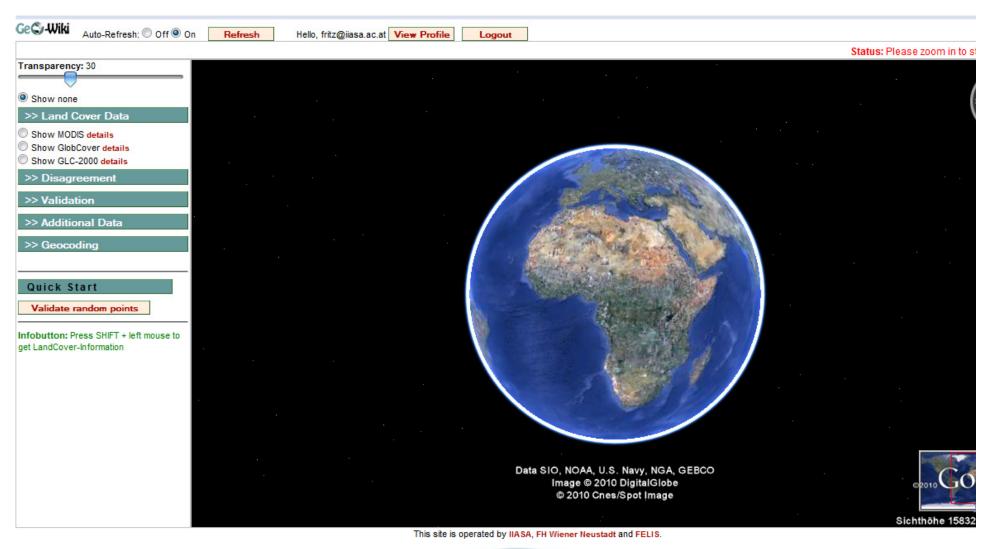
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Help To Improve Global Land Cover!

The Geo-Wiki Project is a global network of volunteers who wish to help improve the quality of global land cover maps. Since large differences occur between existing global land cover maps, current ecosystem and land-use science lacks crucial accurate data (e.g. to determine the potential of additional agricultural land available to grow crops in Africa). Volunteers are asked to review hotspot maps of global land cover disagreement and determine, based on what they actually see in Google Earth and their local knowledge, if the land cover maps are correct or incorrect. Their input is recorded in a database, along with uploaded photos, to be used in the future for the creation of a new and improved global land cover map.

View publication

























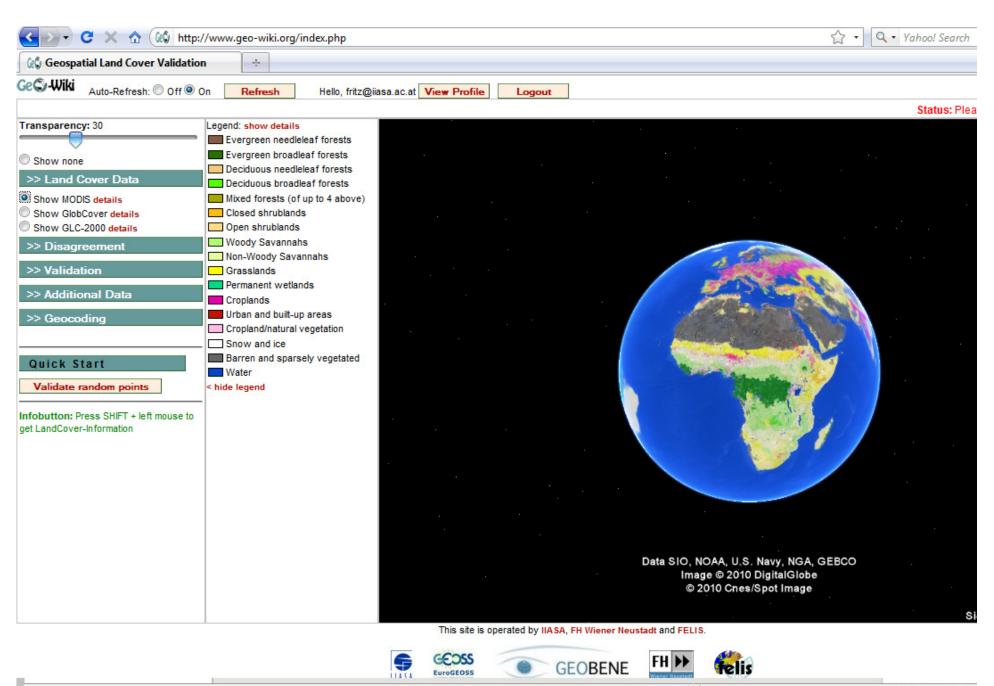


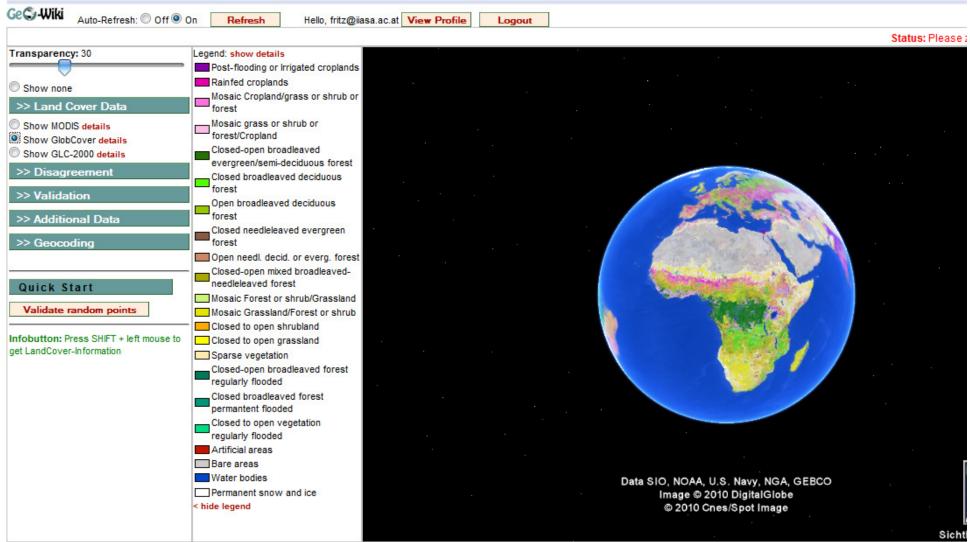












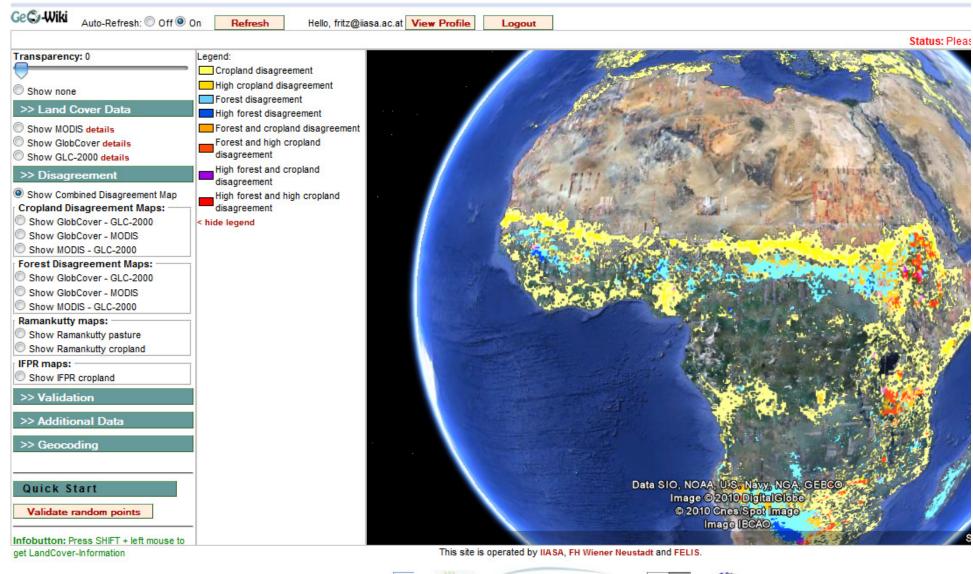
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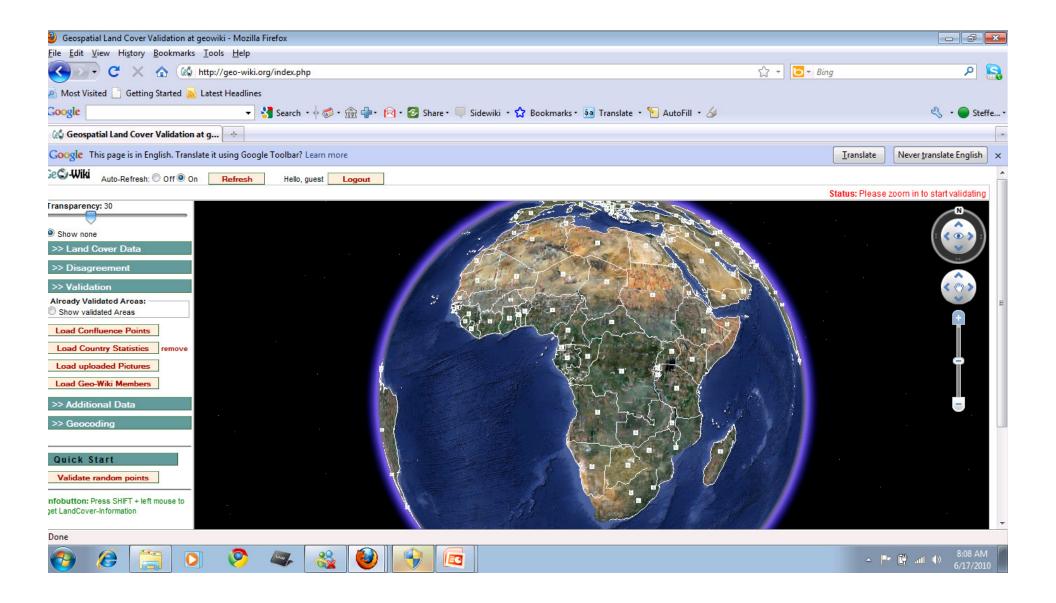


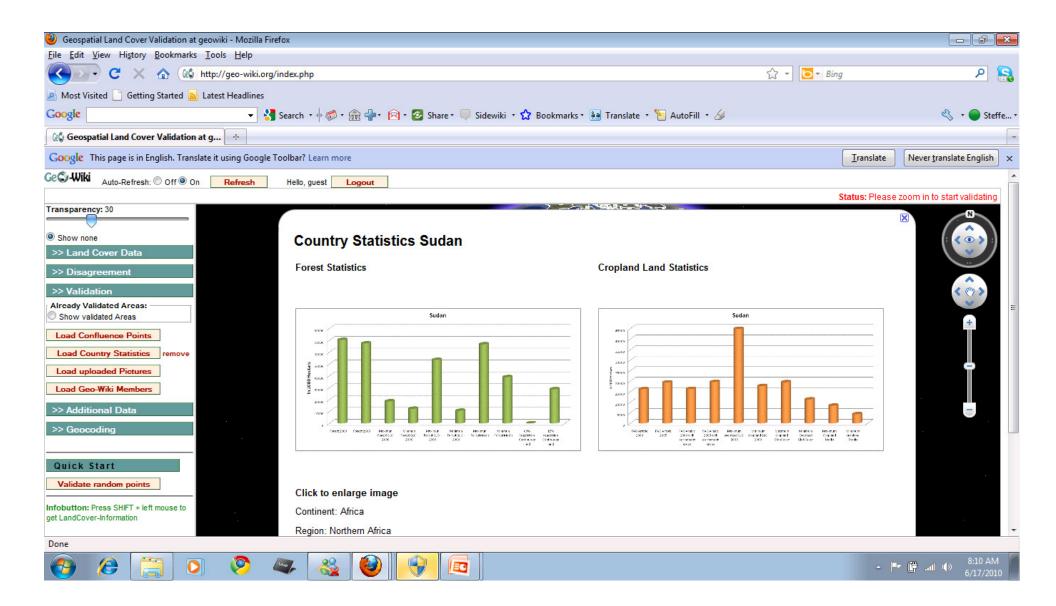


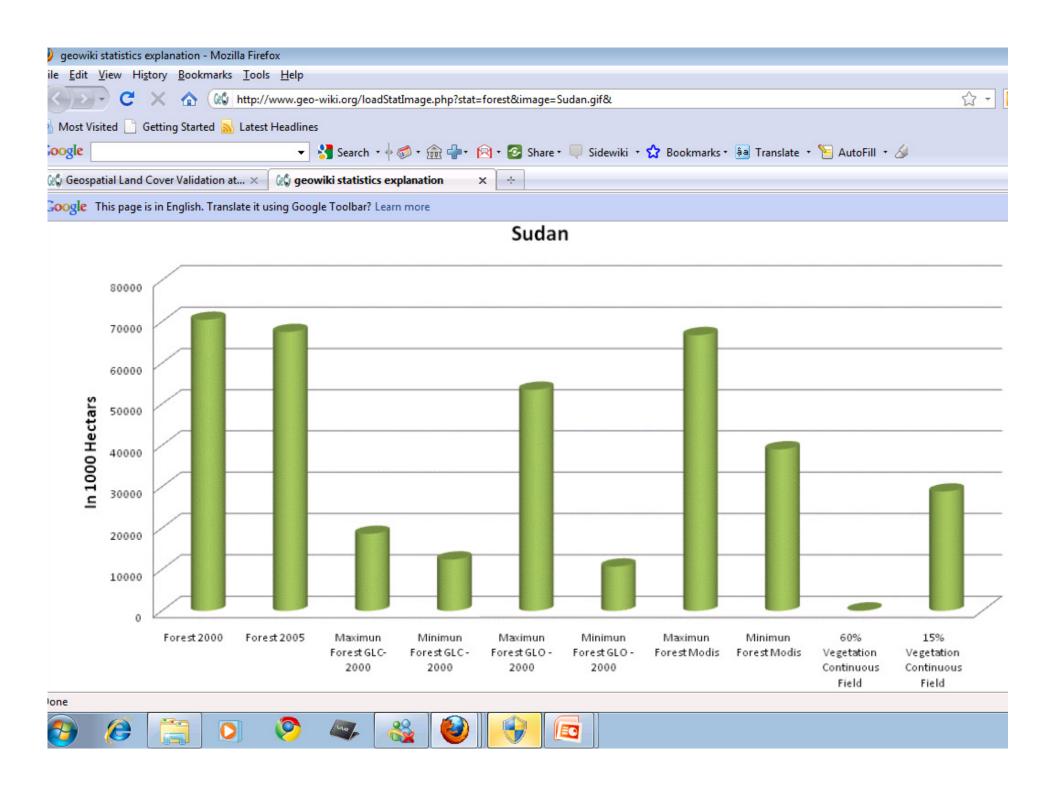


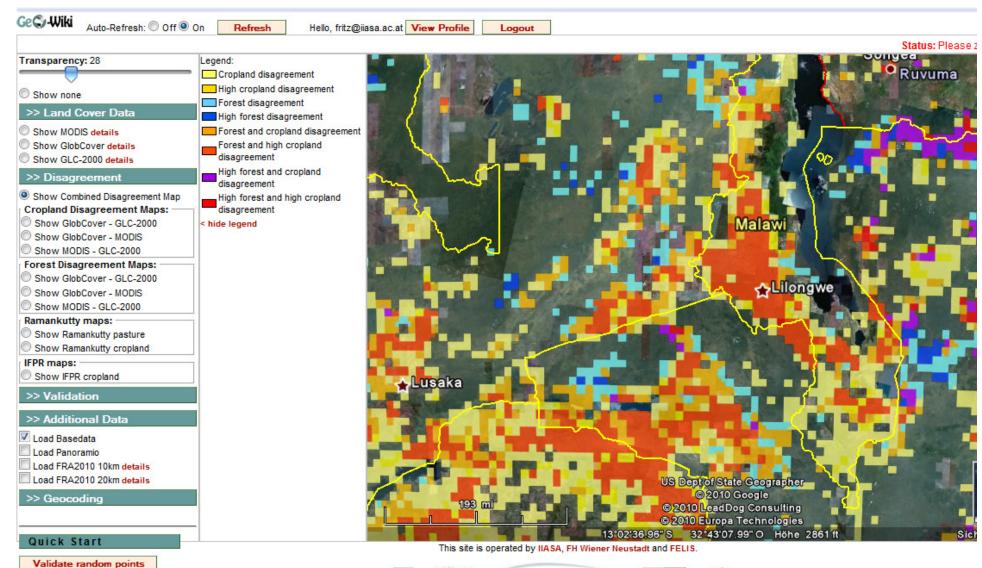












Infobutton: Press SHIFT + left mouse to get LandCover-Information

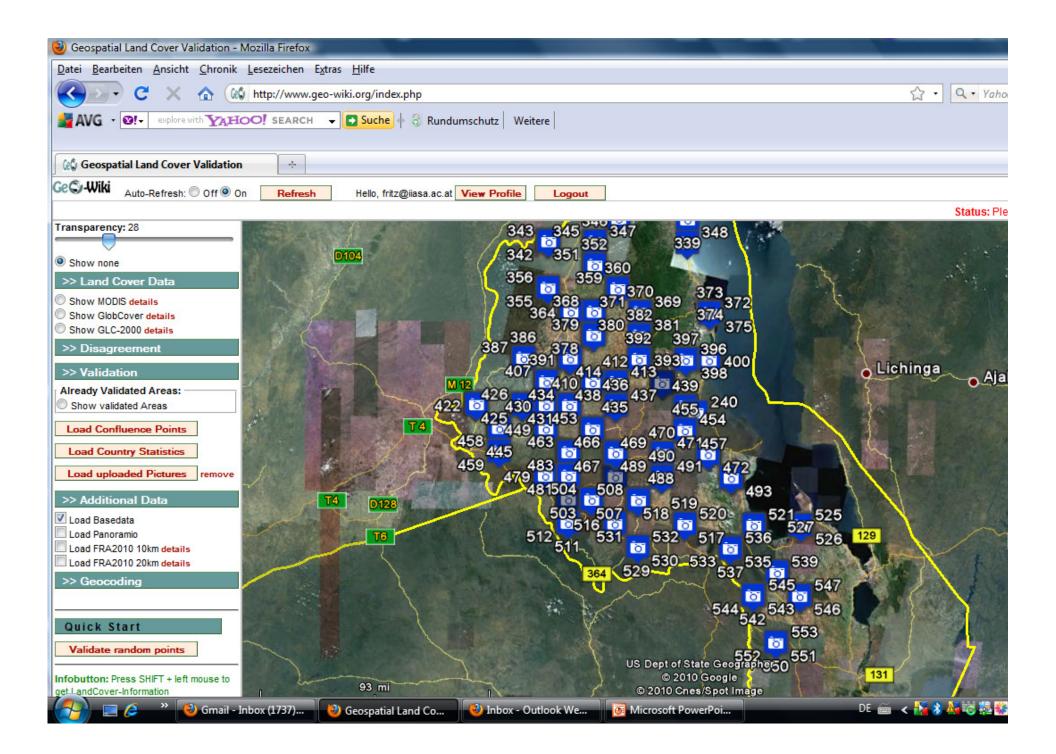




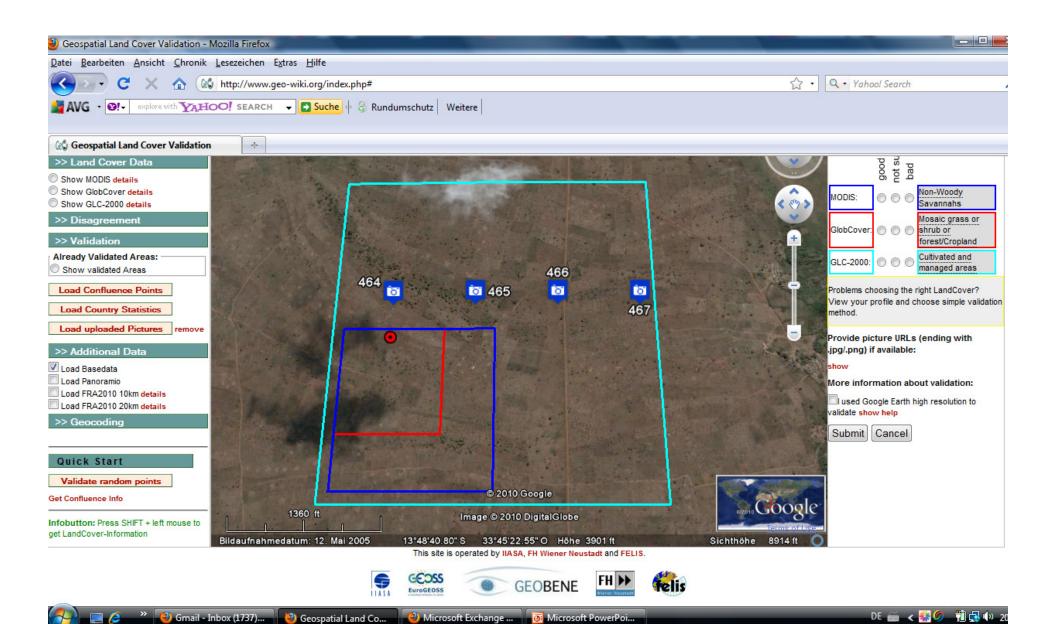


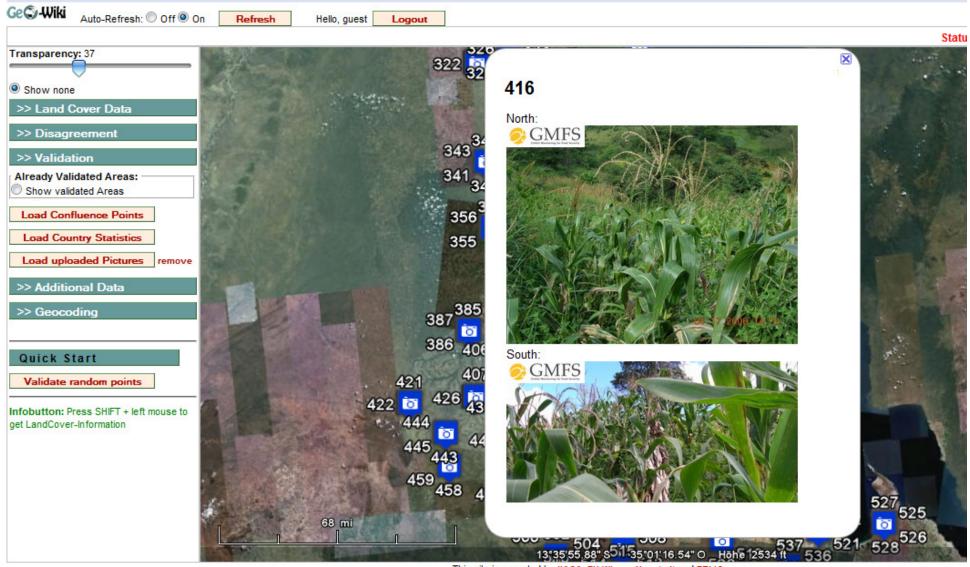














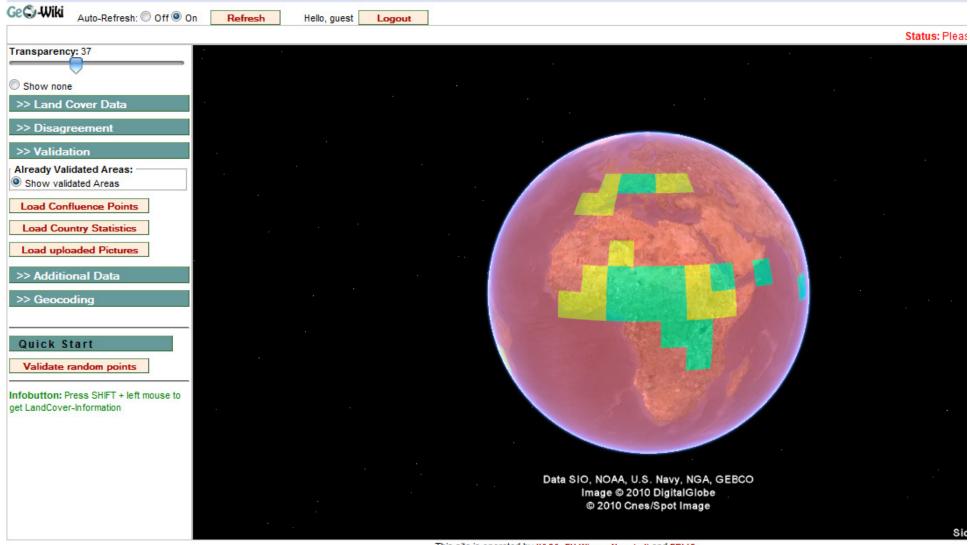


























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Conclusions

- Community remote sensing can help to gather important information on land cover
 - big potential for the future
- Community remote sensing can link with social networks such as facebook
- Tools such as Geo-wiki.org can help to engage the wilder public
- Issues of data quality need to be addressed
- Issues of land cover change need to be addressed

Thank you!

Contact

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