



The GEO CitSci Pilot Initiative: Future directions and opportunities for citizen science in GEO

Joan Maso

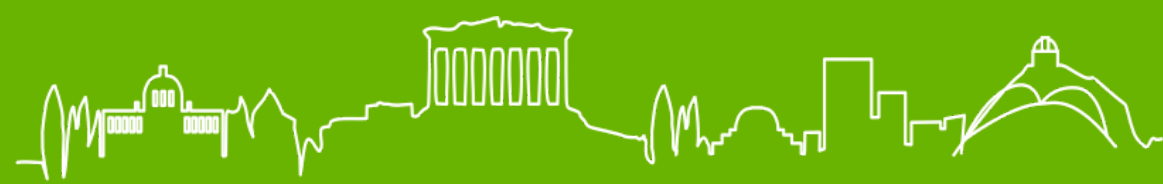
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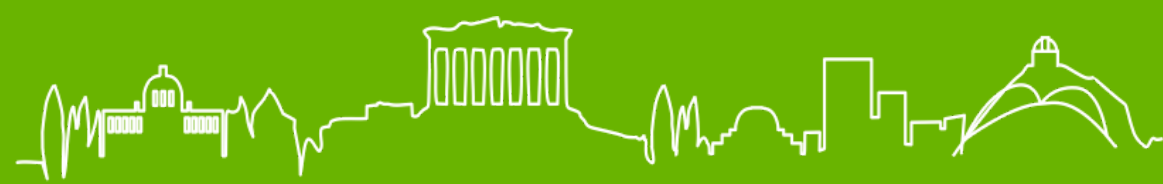
Citizens Science

- Challenges
 - fragmentation, interoperability, and coordination.
- Goals
 - Demonstrate the value of citizen science data
 - Facilitate the creation of a linked ecosystem under the GEOSS Data Management Principles;
 - Increase the use of citizen science in GEO
- Why
 - Citizen science observations, data, and information can complement official and traditional insitu and remote sensing Earth observation data sources



Contributors

- GEO Members: Australia, Austria, European Commission, Greece, European Commission, Norway, Spain, United Kingdom, and United States
- GEO Participating Organizations: IHE Delft Institute for Water Education (IHE), International Institute for Applied Systems Analysis (IIASA), Secure World Foundation (SWF), Regional Centre for Mapping of Resources for Development (RCMRD) and Center for Ecological Research and Forestry Applications (CREAF)
- Points of Contact
 - Joan Maso joan.maso@uab.cat
 - Preetam Heeramun psheeramun@gmail.com



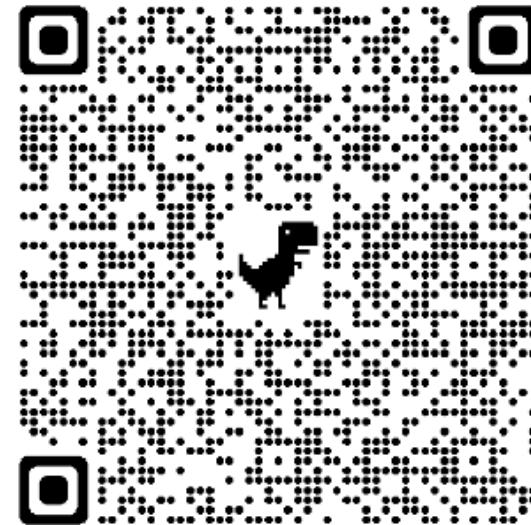
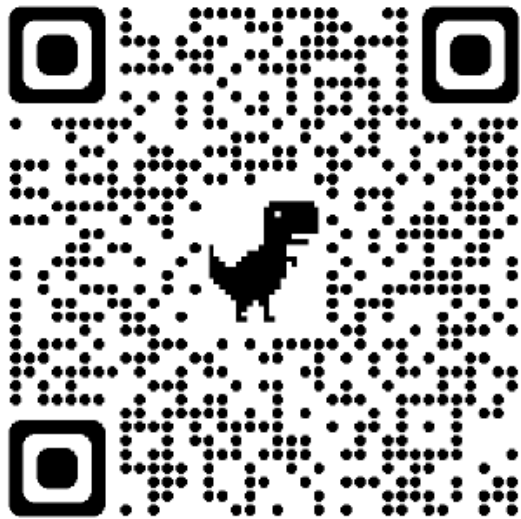
Outputs

Output	Status	Users
Portfolio of exemplary citizen science projects that can support GEOSS, particularly if citizen science data are combined with EOs	Planned	GEO insitu community
A technical demonstration on the integration of Citizen Science, Internet of Things and in-situ data	In development	GEO insitu community
Sensor Things API plus best practice document	Occasionally updated	Standards communitiy
Workshop (side event) on the benefits of Citizens Science in GEOSS and the Benefits that GEOSS provides to Citizen Science	Planned	GEO insitu.
User engagement plan	Planned	GEO insitu community



References

- [A Roadmap for Citizen Science in GEO - The essence of the Lisbon Declaration](#). WeObserve policy brief
- [OGC Best Practice for using SensorThings API with Citizen Science](#) OGC 21-068





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