



Community software projects for Open Science - Bridging the gap between EGU and OSGeo

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The paradigm of Open Science is based on the three tiers Open Access, Open Data and (Free) Open Source Software. There are well established communities established for each tier. However, the interconnections between the tiers remain to be improved. This is a critical factor to enable open science. We report on status, challenges and opportunities for the interface between Open Science as part of EGU and the geospatial open source software communities, federated under the Open Source Geospatial Foundation (OSGeo). OSGeo is a non-profit non-governmental organisation, with the mission to support and promote the collaborative development of open geospatial technologies and data since 2006. The continuing absence of a well established interface between the OSGeo software communities and the European Geoscience Union (EGU) has created a challenging situation: Many desiderata for open scientists are already common practice within OSGeo, yet at the same time, OSGeo members still publish their scientific results within EGU without being aware of each other. This presentation showcases lessons learned since 2011 and options to overcome this situation by the permanent installation of bidirectional communication forums on the social level, augmented by citation/query mechanisms based on persistent identifiers on the technical level for code, data, documentation and video.