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## The new emerging DOI biotope within and around the Open Source Geospatial Foundation (OSGeo)

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We report on the adoption of persistent identifiers by community-driven geospatial open source communities and their umbrella organisation OSGeo. After a ramp up process, which included the introduction and evaluation of Digital Object Identifiers (DOI) for OSGeo conference recordings, a growing number of OSGeo project communities have started to adopt DOI for their respective code bases (e.g. MOSS GIS <https://doi.org/10.5281/zenodo.5825144>, GRASS GIS <https://doi.org/10.5281/zenodo.5810537>), enabling scientific reference and citation for distinct versions of code and also the overall software project code base. In addition, the use of persistent IDs for persons is accelerating. This presentation provides an overview over the latest state of DOI use by projects, lessons learned, emerging challenges (e.g. DOI-based reference for software versions predating the DOI minting) and emerging opportunities for the OSGeo communities (e.g. integration of DOI for code, presentations, manuals and video) and beyond.