Wds online

compute resources; plus the metadata, vocabulary, and identification services that enable their discovery and use by humans and machines. The GORC IG is working on a set of deliverables to support coordination amongst organizations that are building commons, including a roadmap for global alignment to help set priorities for commons development and integration. In support of this roadmap, the GORC Benchmarking WG will develop and collect a set of benchmarks for organizations such that they can internally measure their user engagement and development, and gauge their maturity and compare features across commons. In the first case, the WG will collect information about how existing commons measure success, adoption, or use of the services within an organization, such as data downloads, contributed software, and similar Key Performance Indicators and access statistics. Secondly, we will also curate a set of benchmarks that will enable commons developers to compare features across science clouds. This WG is motivated by the broader goal of openly sharing data and related services across technologies, disciplines, and countries. Observable and measurable benchmarks will help create a tangible path for the development and support of strategic planning across science commons infrastructures and build a common that is globally interoperable. It will also support developers as they seek resources to build the GORC by helping them respond to funding agency requirements for measurable deliverables. WDS Members are a key component of this vision. These groups, and many others outside of RDA, will have recommendations that speak to functionality and features of various components of commons; for example, the re3data. We will review these and other related outputs to see if they have identified benchmarks that we feel will support our goals. We would love to talk to you! We would like to bring your attention the following article published on 18 December in Scientific American that we believe is of interest to the WDS community:. The article concludes with a paragraph that strongly resonates with the work of the World Data System:. There are hurdles to widespread adoption of open science practices, to be sure. Researchers need proper training on data management plans, reuse licensing and other good open science hygiene. Infrastructure must be developed and nurtured to preserve scientific data, curate it and render it actionable. And organizations must overcome their natural entropy, which makes tackling big, cross-cutting initiatives like open science challenging. While these obstacles are nontrivial, they are small in comparison to the scientific, economic, and societal benefits of open. In a moment of great peril, maintaining the status quo will ultimately prove more costly. In that piece, a salient issue that the authors emphasize is the need to properly cite data, since it is apparent that data citation behavior has not been adopted as a norm, yet, across the Earth Sciences. The authors have observed that data citation has increased during the past decade, but they also have higher expectations for community adoption of data citation practices and, in particular, proper data citation practices. A renewed effort to promote data citation practices is necessary to remind the research community about the need to properly cite data that are used during the preparation of a journal article, report, or other publication. It is gratifying to see that there has been progress in the adoption of data citation practices. However, when considering the slow adoption of data citation practices, we need to improve communication about the importance of data citation and the benefits that proper data citation offers to all stakeholders. For example, at the risk of oversimplifying such benefits, we might say that, as a result of proper data citation practices:. Some efforts have reinforced the importance of proper data citation along with techniques for how article authors can cite data. Data repositories display recommended data citations on data landing pages and in metadata and documentation. Journal editors have begun to require authors to cite the data that are used in the preparation of publications. But more must be done to inform colleagues about the importance of data citation so that the adoption of proper data citation practices becomes the norm when publishing research reports. Too often, data are not cited, or are cited without the necessary attribution information to enable the data to be accessed

2001 f350 diesel
n54 oil pan gasket diy
20 amp fuse car

. Furthermore, references to data are not always included in the bibliography section of a publication, or the data reference that is included in the bibliography is incorrect or incomplete. In many ways, citing data is similar to citing articles. Like articles, the bibliographic reference for data citations should include the following six elements to describe the data that have been used for a publication:. For those seeking recommendations on proper data citation, guidance materials are freely available online. Hopefully, the adoption of proper data citation practices will become more prevalent across the Earth science community, as well as within other research communities, as the research culture continues to evolve. Promoting and serving as exemplars for proper data citation practices could help to encourage others to properly cite