# Implementing Effective Data Practices Reading List

From the [Implementing Effective Data Practices Toolkit](https://www.arl.org/implementing-effective-data-practices/), Association of Research Libraries

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[Dear Colleague Letter: Effective Practices for Data](https://www.nsf.gov/pubs/2019/nsf19069/nsf19069.jsp), National Science Foundation. May 20, 2019.

[Data Citation Principles Glossary](https://www.force11.org/node/4770), FORCE11.

[Ten principles for machine-actionable data management plans](https://doi.org/10.1371/journal.pcbi.1006750), Tomasz Miksa, Stephanie Simms, Daniel Mietchen, Sarah Jones. PLoS Comput Biol 15(3): e1006750.

[Final NIH Policy for Data Management and Sharing](https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-013.html) (effective January 25, 2023).

[Identifiers for the 21st century](https://doi.org/10.1371/journal.pbio.2001414): How to design, provision, and reuse persistent identifiers to maximize utility and impact of life science data. McMurry JA, Juty N, Blomberg N, Burdett T, Conlin T, Conte N, et al. (2017) PLoS Biol 15(6): e2001414.

[Credit Data Generators for Data Reuse](https://www.nature.com/articles/d41586-019-01715-4), Nature Comment: Pierce, H.H., Dev, A., Statham, E., Bierer, B.E. Nature. 2019 June; 570 (7759): 30–32.

[The Beijing Declaration on Research Data](http://www.codata.org/uploads/Beijing%20Declaration-19-11-07-FINAL.pdf), CODATA, November 8, 2019.

Federal Research: Additional Actions Needed to Improve Public Access to Research Results, GAO, <https://www.gao.gov/assets/710/702847.pdf>, November 2019.

[Request for Information on the American Research Environment](https://www.federalregister.gov/documents/2019/11/26/2019-25604/request-for-information-on-the-american-research-environment), A Notice by the Science and Technology Policy Office, 11/26/2019.

[Common standards and PIDs for machine-actionable DMPs](https://blog.dmptool.org/2018/11/01/common-standards-and-pids-for-machine-actionable-dmps/), DMPTool Blog, November 1, 2018, Stephanie Simms.

[Defining requirements for machine-actionable Data Management Plans](https://zenodo.org/record/1266211#.XcR8PJJKh0s), Tomasz Miksa, Peter Neish, Paul Walk, & Andreas Rauber (2018), Zenodo. <http://doi.org/10.5281/zenodo.1266211>.

[Current Best Practice for Research Data Management Policies](https://zenodo.org/record/27872#.XcR9YpJKh0s), Hodson, S., & Molloy, L. (2015, August 13), Zenodo, <http://doi.org/10.5281/zenodo.27872>.

[Engaging Researchers with Data Management: The Cookbook](https://www.openbookpublishers.com/product/1080), Connie Clare, Maria Cruz, Elli Papadopoulou, James Savage, Marta Teperek, Yan Wang, Iza Witkowska, and Joanne Yeomans, October 2019.

[Open Science, Business Analytics, and FAIR Digital Objects](http://doi.org/10.23728/b2share.6ceeed13eb6340fcb132bcb5b5e3d69a), G. Strawn, Feb. 2019.

[FAIR Reading](https://mpsfair.crc.nd.edu/index.php/references), resources collected as part of the NSF-sponsored FAIR Hackathon for Mathematical and Physical Sciences Research Communities, Feb 2018.