# Indigenous Data Sovereignty and Governance Resources

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## **Indigenous Data Sovereignty Networks**

[Global Indigenous Data Alliance](https://www.gida-global.org/)

US Indigenous Data Sovereignty Network

[Te Mana Raraunga – The Māori Data Sovereignty Network](https://www.temanararaunga.maori.nz/)

[The Maiam nayri Wingara Indigenous Data Sovereignty Collective](https://www.maiamnayriwingara.org/)

[Pacific Data Sovereignty](https://pacificdatasovereignty.com/)

[First Nations Information Governance Centre](https://fnigc.ca/)

[The International Indigenous Data Sovereignty Interest Group](https://www.rd-alliance.org/groups/international-indigenous-data-sovereignty-ig) at the Research Data Alliance

## **Research and Outreach Entities**

[Collaboratory for Indigenous Data Governance](http://indigenousdatalab.org)

[ENRICH Equity for Indigenous Research and Innovation Coordinating Hub](https://www.enrich-hub.org/)

[Native Biodata Consortium](https://nativebio.org/)

## **Trainings and Courses**

## **Books and Collections (free to download)**

Hudson, M., Carroll, S.R., [Technologies to Operationalize Indigenous Data Sovereignty.](https://elsihub.org/collection/technologies-operationalize-indigenous-data-sovereignty)

Kukutai, T., Taylor J., eds. (2016). [Indigenous Data Sovereignty: Toward an Agenda](https://library.oapen.org/bitstream/handle/20.500.12657/31875/624262.pdf?sequence=1).

McMurren, J., Kalkar, U., Mitsuda, Y., Zahuranec, A. (2020/10). [Updated and Expanded Selected Readings on Indigenous Data Sovereignty](https://blog.thegovlab.org/post/selected-readings-on-indigenous-data-sovereignty).

Walter, M., Kukutai, T., Carroll, S.R., Rodriguez-Lonebear, D., eds. (2021). [Indigenous Data Sovereignty and Policy.](https://www.taylorfrancis.com/books/indigenous-data-sovereignty-policy-maggie-walter-tahu-kukutai-stephanie-russo-carroll-desi-rodriguez-lonebear/e/10.4324/9780429273957)

Oldham, P., Kindness, J., Hardison, P. (undated). [Indigenous Peoples and Digital Sequence Information: A set of resources for Indigenous Peoples on Digital Sequence Information (DSI)](https://poldham.github.io/dsi/).

## **Manuscripts and Blogs**

Carroll, S.R. et al. (2022). [Extending the CARE Principles from tribal research policies to benefit sharing in genomic research](https://www.frontiersin.org/articles/10.3389/fgene.2022.1052620/full).

Carroll, S.R. et al. (2022). [Using Indigenous Standards to implement the CARE Principles: Setting Expectations through Tribal Research Codes.](https://www.frontiersin.org/articles/10.3389/fgene.2022.823309/full)

Carroll, S.R. et al. (2021). [Operationalizing the CARE and FAIR Principles for Indigenous data futures.](https://www.nature.com/articles/s41597-021-00892-0)

**Carroll, S.R. et al. (2020).** [**CARE Principles for Indigenous Data Governance**](https://datascience.codata.org/articles/10.5334/dsj-2020-043/). – Pre-reading

Carroll, S.R. et al. (2020). [Working with the CARE Principles: Operationalizing Indigenous Data Governance.](https://www.adalovelaceinstitute.org/blog/care-principles-operationalising-indigenous-data-governance/)

David-Chavez, D., Gavin, M. (2018). [A global assessment of Indigenous community involvement in climate research](https://iopscience.iop.org/article/10.1088/1748-9326/aaf300/meta).

David-Chavez, D., Ferguson, D. B., Curley, A., Lane, T., Yazzie, S., Leroy, S., & Russo Carroll, S. (2019). [Policy brief: Supporting tribal data governance for Indigenous community climate resilience.](https://indigenousdatalab.org/policy-briefs/)

Hudson, M., Garrison, N.A, Sterling, R. et al. (2020). [Rights, interests and expectations: Indigenous perspectives on unrestricted access to genomic data](https://www.nature.com/articles/s41576-020-0228-x).

NCAR Rising Voices Center for Indigenous and Earth Sciences (2022). [Workshop Report.](https://risingvoices.ucar.edu/events/workshops/2021)

O'Brien, M.C, Downs, R.R Stall, S. Duerr R., Tarrant, P.E. & Antognoli E. (2021). [FAIR-TRUST-CARE Principles for Environmental Data Repositories](https://agu2021fallmeeting-agu.ipostersessions.com/?s=12-6D-34-0F-5F-FB-01-13-B7-9B-B7-DC-D5-90-29-2B) (poster).

FNIGC. (2020). [First Nations Data Governance Strategy](https://fnigc.ca/wp-content/uploads/2020/09/FNIGC_FNDGS_report_EN_FINAL.pdf).

McCartney, A.M., Anderson, J., Liggins, L. et al. (2022). [Balancing openness with Indigenous data sovereignty: An opportunity to leave no one behind in the journey to sequence all of life](https://www.pnas.org/doi/full/10.1073/pnas.2115860119). *The Proceedings of the National Academy of Sciences, 119*(4).doi: <https://doi.org/10.1073/pnas.2115860119>

Carroll, S.R. et al. (2020). [CARE Principles for Indigenous Data Governance: Supplemental materials](https://www.cambridge.org/core/journals/advances-in-archaeological-practice/article/care-principles-and-the-reuse-sharing-and-curation-of-indigenous-data-in-canadian-archaeology/D94CDC00AC7FD5E365A28C668C2812AF#supplementary-materials).

Berkowitz H., & Delacour, H. [Opening Research Data: What Does It Mean for Social Sciences?](https://doi.org/10.37725/mgmt.v25.9123)

## **Videos**

NEON Science Seminar, Stephanie Carroll and Lydia Jenning: [Implementing the CARE Principles in open data repositories](https://www.neonscience.org/get-involved/events/science-seminar-implementing-care-principles-open-data-repositories)

OCLC Works in Progress Webinar, Stephanie Carroll and Jane Anderson: [Operationalizing the CARE Principles for Indigenous Data Governance](https://www.oclc.org/research/events/2020/081120-operationalizing-care-principles-for-indigenous-data-governance.html)

EarthCubeNSF Webinar: Jennings, Lydia. “[Be FAIR and CARE: The CARE Principles for Indigenous Data Governance](https://www.youtube.com/watch?v=AYaJLcckNCY&t=668s)”

GEO Indigenous Summit (scroll ¾ ways down): [Indigenous Data Sovereignty](https://www.earthobservations.org/indigenoussummit2020.php)

Local Contexts: [Traditional Knowledges and Biocultural Labels and Notices](https://vimeo.com/622861354)

## **CARE in Practice**

[Arctic Data Center](https://arcticdata.io/all/blog/2022/04/applying-care-documenting-ethical-data-procedures-and-sensitive-data-at-the-arctic-data-center/)

[Local Contexts](http://www.localcontexts.org)

[Mukurtu CMS](https://mukurtu.org/)

## **CARE in Policy**

[AIATSIS Code of Ethics](https://aiatsis.gov.au/research/ethical-research/code-ethics)

[UNESCO Recommendation on Open Science](https://en.unesco.org/science-sustainable-future/open-science/recommendation)

[Arctic Research Plan 2022-2026](https://www.iarpccollaborations.org/uploads/cms/documents/final-arp-2022-2026-20211214.pdf)

[Research Data Alliance COVID-19 Indigenous Data Guidelines](https://static1.squarespace.com/static/5d3799de845604000199cd24/t/5efd44b0d622956abbece710/1593656506639/GIDA-RDA%2BIndigenous%2BPeoples%2BCOVID-19%2BRecommendations%2Band%2BGuidelines%2C%2B30%2BJune%2B2020_Endorsed-Final_0.pdf)

[Aotearoa New Zealand Antarctic and Southern Ocean Research Directions and Priorities](https://www.mfat.govt.nz/en/environment/antarctica-and-the-southern-ocean/aotearoa-new-zealand-antarctic-research-directions-and-priorities/)

## **Local Contexts Examples**

[**Passamaquoddy/Library of Congress**](https://loc.gov/item/2015655578)

[Passamaquoddy People: At Home on the Ocean and Lakes](https://passamaquoddypeople.com/)

[Sq'éwlets](http://digitalsqewlets.ca/index-eng.php)

[Genomic Observatories Meta-Database (GEOME)](https://geome-db.org/)

[Center for Native American and Indigenous Research (CNAIR)](https://www.amphilsoc.org/library/CNAIR) (front and center)

[Guide to the Indigenous Material at the American Philsophoical Society](https://indigenousguide.amphilsoc.org/) (Indigenous focused)

[George and Joanne MacDonald Northwest Coast Image Archive](https://digital.lib.sfu.ca/bill-reid-collection)

[Lewis Henry Morgan Collection of Mid-Nineteenth Century Iroquois Objects](http://www.nysm.nysed.gov/native-american-ethnography/collections/lewis-henry-morgan-collection-mid-nineteenth-century)

[Native American Ethnography at the New York State Museum](http://www.nysm.nysed.gov/research-collections/ethnography)

[University of Maine Hudson Museum](https://umaine.edu/hudsonmuseum/)

[University of Maine Hudson Museum: Online Collections Database](https://hudsonmuseum.pastperfectonline.com/)

## **Ethics Statements**

Variant Bio: [Ethics & Community Engagement](https://www.variantbio.com/pdfs/vb_ethics_community_engagement.pdf)

## **Indigenous Data Sovereignty Statements**

[Local Indicators of Climate Change Impacts Observation Network](https://licci.eu/wp-content/uploads/2021/01/LICCION_Data-Sovereignty-Statement_Jan2021.pdf)