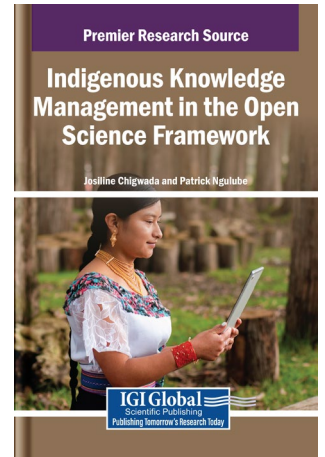


# Indigenous Knowledge Management in the Open Science Framework

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## Description:

As global scientific communities embrace traditional principles, there is a growing recognition of Indigenous knowledge systems. These knowledge traditions, rooted in generations of experience and traditions to land, culture, and community. However, integrating Indigenous knowledge into open science requires ethical frameworks that respect sovereignty, data governance, cultural protocols, and intellectual property rights. By exploring how open science can be reimagined to support Indigenous self-determination in knowledge sharing, researchers can foster equitable collaborations that honor both scientific and Indigenous epistemologies.

**Indigenous Knowledge Management in the Open Science Framework** explores valuable insights into how traditional systems of knowledge can be sustained in this modern world by integrating ethical principles. This book encourages collaboration between Indigenous communities and the scientific community, promoting ethical practices in data sharing and governance. Covering topics such as knowledge systems, Indigenous studies, and science frameworks, this book is an excellent resource for academicians, researchers, educators, and more.

**ISBN:** 9798337302041 **Pages:** 464 **Copyright:** 2026 **Release Date:** 7/18/2025

**Hardcover:** \$160 **Softcover:** \$120 **E-Book:** \$160 **Hardcover + E-Book:** \$155

## Topics Covered:

- Artificial Intelligence
- Computer Vision
- Cultural Heritage
- Digital Divide
- Digital Environment
- Digital Literacy
- Digital Preservation
- Digital Repository
- Ethical Accessibility
- Indigenous Knowledge
- Medicinal Knowledge
- Science Framework

**Subject:** Social Sciences and Humanities

**Readership Level:** Advanced-Academic Level (Research Recommended)

**Classification:** Edited Reference

**Research Suitable For:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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