



Scientific Data Repository-related Policies: Paraguay

Version 1



**International
Science Council**

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About the World Data System:

Founded in 2008, the [World Data System](#) (WDS) is an affiliated body of the International Science Council (ISC). Its mission is to enhance the capabilities, impact, and sustainability of its member repositories and data services by fostering trusted communities of scientific data repositories. The WDS also aims to strengthen the entire lifecycle of data management, ensuring that high-quality data supports first-class research output. Additionally, it advocates for accessible data along with transparent and reproducible science.

About the WDS series on Scientific Data Repository-related Policies:

The World Data System (WDS) [Policy Series](#) reviews country-specific policies related to the governance of scientific data repositories at the national level. Documenting these policies comprehensively is critical to fostering global collaborations and advancing science for the common good.

To this end, WDS is committed to maintaining and continually updating a list of national Open Science policies pertaining to data repositories. Additionally, WDS will host periodic webinars featuring experts from multiple countries to discuss their unique perspectives on Open Science Policies and how they impact data repositories. These sessions aim to inform researchers and policymakers on how to navigate international policy landscapes effectively.

In developing this Open Science Policy Series, WDS's goal is to create avenues for sharing knowledge and enhancing global scientific collaboration efforts. Ultimately, we hope this approach will promote transparency and ensure that science continues to work towards the common good by leveraging diverse international expertise. Note that the papers in this series will continually be updated with new and emerging information as it becomes available. The World Data System welcomes your input on these documents, including textual updates, references, policy suggestions, and link corrections, by emailing wds-ipo@utk.edu.

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Acronyms

CONACYT	Consejo Nacional de Ciencia y Tecnología (National Council for Science and Technology)
RI-CONACYT	Repositorio Institucional del CONACYT (CONACYT Institutional Repository)
CTI	Ciencia, tecnología e innovación (Science, Technology, and Innovation)
PROCIENCIA	Programa Paraguayo para el Desarrollo de la Ciencia y Tecnología (Paraguayan Program for the Development of Science and Technology)
PROINNOVA	Programa de Innovación en Empresas Paraguayas (Innovation Program for Paraguayan Enterprises)

Introduction

Paraguay, a developing country in the heart of South America, has begun to take significant steps toward the modernization and transparency of scientific information management. In this context, the initiative of the National Council of Science and Technology (CONACYT) has been fundamental in implementing a scientific data repository policy aimed at expanding the dissemination of publicly funded projects.

By facilitating access to these data, Paraguay not only promotes the visibility of its researchers and their contributions but also aligns itself with global trends toward open scientific collaboration. This approach not only benefits the academic community but also seeks to generate a positive impact on the country's socioeconomic development, ensuring that knowledge generated with public resources is used for the common good.

With the World Data System's (WDS) commitment to continuously documenting these policies, it is expected that these efforts will be visible to other members of the scientific community, promote transparency, and strengthen international collaborations in the scientific field.

Scientific Data Repository-related Policies

Scientific data repository-related policies specific to Paraguay include:

Institutional Repository Policy of CONACYT

The RI-CONACYT policy was approved in April 2024 as the set of guidelines for the operation of the National Council for Science and Technology's Institutional Repository. This platform manages information and knowledge, and provides open access to the scientific output generated through the science, technology, and innovation (CTI) funding programs promoted by CONACYT.

The RI-CONACYT policy serves as the main online access point for consulting the results and knowledge derived from initiatives such as PROCIENCIA and PROINNOVA, which are aimed at the development of CTI in Paraguay. The objectives of RI-CONACYT include the storage, preservation, and dissemination of the country's scientific output, as well as increasing the visibility of researchers and enhancing the impact of national research. In addition, it seeks to promote open, free, and universal access to these results and to provide a space for the development of collaborative research projects.

The repository complies with interoperability, metadata, and cataloging standards, using the [OAI-PMH](#) protocol and the [Dublin Core](#) metadata schema. This ensures that Paraguayan scientific output funded with public resources is accessible through specialized search engines and other information platforms, maximizing its global visibility. For this reason, CONACYT encourages researchers, technologists, and professionals in the STI field to use this tool to store, preserve, and disseminate their scientific and technical work.

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