



RESEARCH DATA ACCESS AND MANAGEMENT INITIATIVES IN ARGENTINA

PAOLA BONGIOVANI – UNR

IASSIST 2012 - 38TH ANNUAL CONFERENCE -
WASHINGTON - DC - JUNE 4 - 8, 2012

Outline

- **Ministry of Science, Technology and Innovation (MINCyT) – National Large Instruments and Databases Program**
 - National System of Digital Repositories (SNRD)
 - Proposed Legislation (SNRD – MINCyT)
- **National Scientific and Technological Research Council (CONICET)**
 - Interactive Platform for Social Sciences Research (PLIICS)
- **National University of Rosario - UNR**

MINCyT – Database National Systems

- Systems are a joint initiative of the Ministry of Science, Technology and Innovation (MINCyT) and the Interagency Council on Science and Technology (CICYT)

Objectives:

- Availability of data and publications resulting from national research through interoperable national portals
- National and international visibility of the scientific and technological outputs

MINCyT – Database National Systems



National System of Biological Data

<http://www.datosbiologicos.mincyt.gov.ar/>



National System of Sea Data

<http://datosdelmar.mincyt.gob.ar/index.htm>



National System of Digital Repositories

<http://repositorios.mincyt.gob.ar/>

National System of Climate Data

National System of Digital Repositories (SNRD)

- Articulation and coordination
- Consensus and technical agreements
- Portal harvesting OA (Open Access) scientific outputs
- Funding
- Active participation in regional projects (IDB / BPR) and international (COAR)
- Dissemination and training programs
- OA Legislation

SNRD – OA Legislation

“National System of Science, Technology and Innovation (SNCTI). Creation of Institutional Open Access Repositories”

Approved by the House of Representatives



“Promote equity of access to information and data that result from scientific research funded by the National State”

- Agencies and public institutions part of National System of Science, Technology and Innovation (SNCTI) that receive State funding
- Researchers, technologists, faculty, postdoctoral fellows and master’s and doctoral students

SNRD – OA Legislation

“National System of Science,
Technology and Innovation (SNCTI).
Creation of Institutional Open Access
Repositories”



- Policies for public access to research outputs and primary research data
- Institutional repositories - Database National Systems
- Grants or funding
 - Data management plan according to the specificities of the subject area
 - Plan to ensure public availability of results

SNRD – OA Legislation

“National System of Science,
Technology and Innovation (SNCTI).
Creation of Institutional Open Access
Repositories”



- Publicly available
 - Final version of scientific and/or technological outputs – no later than 6 Months
 - Primary research data – no later than 5 years five years
- Exemptions
- Sanctions

CONICET - Interactive Platform for Social Sciences Research



The purpose of PLIICS is:

- To provide researchers and policy-makers access to scientific data**
- To create an appropriate environment for data exchange that will strengthen and expand the interdisciplinary approaches and the understanding of complex problems**
- To integrate different areas within Social Sciences and Humanities in order to improve their decision making process**

CONICET - PLIICS

Survey to learn current practice



Answers from 730 social science researchers:

- **70% stated that their research was based on its own generation of primary data.**
- **62% have already digitized primary data generated in their research but the standards used are diverse and they do not allow broad access to them.**
 - **Of the 62 percent, 43% have digital files catalogued using diverse metadata standards.**

CONICET - PLIICS

- **Quantitative Database**
- **Multimedia Archive**



Pilot projects:

- **Chaco Languages Documentation - DILA-CAICyT-CONICET**
- **Dr. Alberto Rex González's Collection - DILA-CAICyT-CONICET**
- **Social Map of Greater Buenos Aires - PROEG-UNLU**
- **Museum of Anthropology – National University of Córdoba**
- **Geohistorical Research Institute Collections – CONICET-UNNE**

CONICET - Interactive Platform for Social Sciences Research



Expected results:

- **Digitization and cataloging of data from Centers/Institutions**
- **Data sharing (except for sensitive data)**
- **Digitization of historical collections**
- **Integration and linking of datasets (georeferencing, temporal correlation)**

National University of Rosario (UNR) Research



Objectives:

- To contribute to the knowledge of current organizational, social and technological practices
- To optimize the strategies and policies related to the institutional repository
 - Survey research data management needs

Links

- Ministry of Science, Technology and Innovation - Database National Systems <http://www.mincyt.gov.ar/dnrecursosfisicos@mincyt.gov.ar>
- Interagency Council on Science and Technology (CICYT) <http://www.cicyt.mincyt.gob.ar/>
- Interactive Platform for Social Sciences Research (CONICET) National Scientific and Technological Research Council <http://www.conicet.gov.ar/web/conicet.trabajar.investigacion/programa-ciencias-sociales/plataformacsoc@conicet.gov.ar>
- National University of Rosario <http://www.unr.edu.ar/rephip@unr.edu.ar>

Acknowledgements

- Bongiovani, P.; Nakano, S. (2011). Acceso Abierto en Argentina: La experiencia de articulación y coordinación institucional de los repositorios digitales en ciencia y tecnología E-Colabora: Revista De Ciencia, Educación, Innovación y Cultura, 1(2).
<http://publicaciones.renata.edu.co/index.php/RCEC/article/view/56>
- Presentations - Taller de Repositorios y Sistemas de Datos. CONICET. Marzo de 2012
http://www.conicet.gov.ar/new_noticias/noticias.php?id_noticia=8369&tipo=6¬a_completa=yes
- Image on Flickr – Parque Nacional Los Glaciares por Carlos - CC BY-NC-ND 2.0 -
<http://www.flickr.com/photos/clneira/2190406980/>
- Images from MINCYT website http://www.mincyt.gov.ar/programas/index.php?Id_programa=3
- Images on Flickr - Cuesta de Lipán, Jujuy, Argentina, Las Tres Figuras, PN Talampaya, La Rioja, Argentina , Río de Oro, La Rioja, Argentina by rodoluca99 - CC BY-NC-SA 2.0 -
<http://www.flickr.com/photos/rodoluca/5506157760/>
<http://www.flickr.com/photos/rodoluca/5512644384>
<http://www.flickr.com/photos/rodoluca/5520269583/>
- Image on Flickr – Villa Traful by Néstor Galina - CC BY 2.0 -
<http://www.flickr.com/photos/nestorgalina/7056527629/>
- Image on Flickr – Parque Nacional Iguazú by Rodrigo Yoshioka - CC BY-NC-ND 2.0 -
<http://www.flickr.com/photos/rodrigoyoshioka/4440655403/>
- Image on Flickr - Río Paraná Frente a la ciudad de Rosario by Humberto Terenziani - CC BY-NC-SA 2.0 -
<http://www.flickr.com/photos/salonesbuenayre/4264020505/>
- Image from Nasa website http://www2.jpl.nasa.gov/srtm/argentina_radar_images.html



THANK YOU!
PAOLA BONGIOVANI
UNIVERSIDAD NACIONAL DE ROSARIO
pbongio@unr.edu.ar