

Initiatives for data preservation dissemination integration and sharing

CONICET

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PILOT PROJECT ON DATA MANAGEMENT

Actions	Responsible	Date Expected
Law 26.899	MINCYT	Issued
Regulatory decree	MINCYT	Mid 2016
Institution guidelines	CONICET	Mid 2016
Metadata system	MINCYT	Pilot early 2016 (*1)
Data Management Plan	CONICET /UNLP	Mid 2016 (*1)
Software selection	CONICET	Mid 2016 (*1)
Implementation	CONICET /UNLP	Late 2016 (*2)

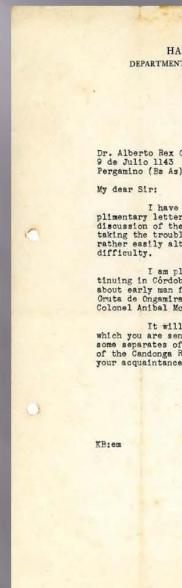
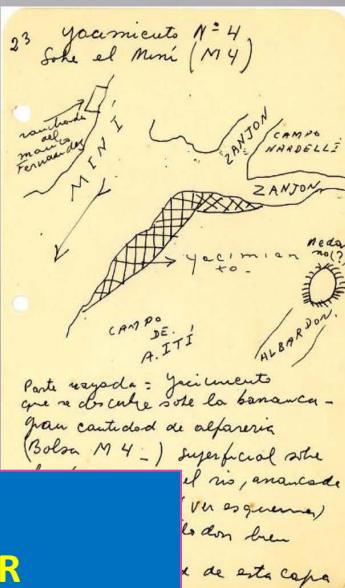
*1 National Observatory on Land Degradation and Desertification

*2 CONICET/UNLP/CIC Environment Observatory

Case : Biological data information system of Argentina

- Data from natural history museums. Funding for digitalization : MINCYT
- Metadata : DARWIN Core (international consensus)
- Data Management Plan : Mincyt
- Data distribution (nodes, museums, collections)
- Software : GBIF (under revision)

Rescuing information



Alberto Rex González archeology archive

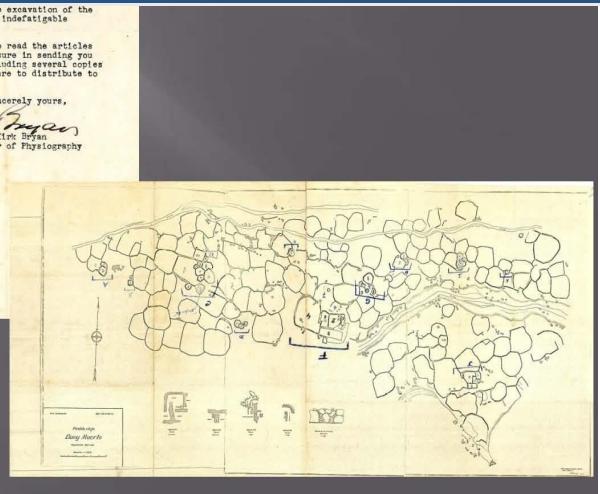
Documents 21 lineal mts

Maps and drawings 1300 units

Slides, negatives & prints 17400 units

Audios & videos 104 hs

Repository CAICYT Project DILA



ANIBAL MONTES archive

Anthropology Museum—IDACOR

16200 DIGITALS OBJETCTS

2000 PDF FILES

Repository : University of Cordoba

CONICET and Bunge & Born Foundation Joint funding for digitalization of collections

Gabriel Bernardello	Vascular Plants Univ Cordoba	50000
Andrea I. Romero	Fungi ceparium UNiv Buenos Aires	50000
Martín J. Ramírez	Herpetology, Invertebrates, Mammals , Entomology and frozen tissues Museo Ntl Cs Naturales	50000
Mónica Berón	Etnografic collection M. Ambrosetti UNiv Buenos Aires	50000
Mónica Salemme	Archaelogic & Paleonthological CADIC Ushuaia	50000
Carlos Angiorama	Archaelogic & Paleonthological Universidad Nacional de Tucumán.	50000

Information in general repositories

- Primary data available and secured
- Quality standards for data and databases
- Consensus on metadata system
- **Information in thematic repositories needs additional effort in**
- Constant Data monitoring
- Interoperable Databases
- Georeferenced data
- Data quality control

DATA LAYERS

Demographics

Cadaster

Geographic

Communication

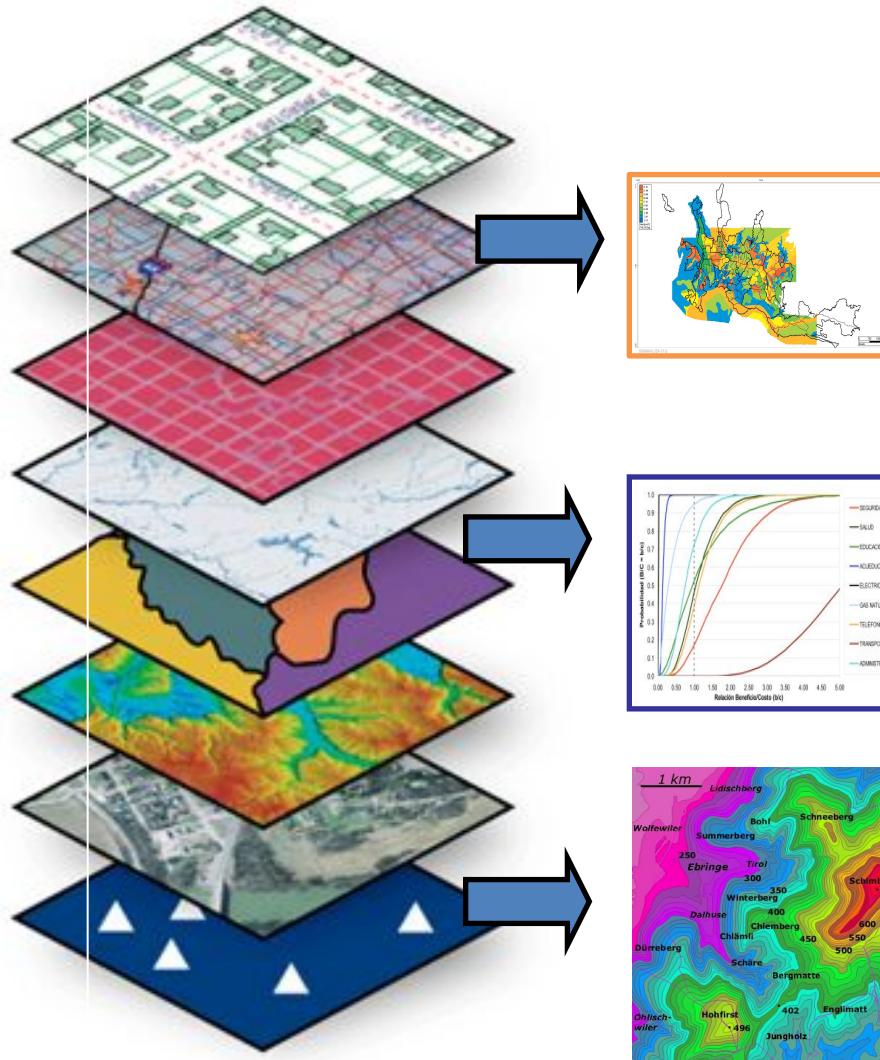
Institutional

Economic

Climate registers

Environment

Disciplinar
Scientific
Technical data



PRODUCTS

Risk map
Cost/Benefit

Analysis
On time damage & loss estimations

Land Use Planning tool

Climate Impact Scenarios

Analytic models

DATA INTEGRATION

INTERDISCIPLINE

Thematic repositories projects

**Natl Observatory on Land Degradationd and Desertification
SAYDS , CONICET , INTA and univesities. 2013**

Observatory CONICET CIC UNLP flooding risk 2015

**Risk evaluation and management (volcanic eruption , flooding ,
fires , seismics , space weather) Gov Agencies 2014**

**Spatial Data Infrastructure Provincial States descentralized system
2013**

**Environmental Observatories on agrochemicals CONICET Natl
Universities (project)**

Need for overall catalogs

PLIICS Information Platform for Research in social Sciences

Thematic repositories

A new tool for scientific data publication?

“*ex ante*” review : peer review admission of data?

“*ex post*” review : follow up of download and citation for data use mechanism?



Thematic Repository Prestige