



3rd ENRESSH Training School 2019; Group 5

# Data use and data reuse in the context of national bibliographic databases

Anna Gnot  
Eduardo Fuentes  
Valerija Macan Lukavečki  
Jakaria Rahman  
Ewa A. Rozkosz

	Poland	Croatia	Czech Republic	Peru	Sweden
1. Data provider	institutions	researchers	institutions	institutions (in progress)	institutions / researchers
2. Retrieval	search engine (search, browse, filter)	search engine (search, browse, filter)	search engine (search, browse, filter)	in progress	search engine (search, browse, filter, SQL search)
3. Exchanging data	API, key needed	API, open	API, key needed	in progress	OAI-PMH, open
4. Format	XML, JSON, XLSX	XML, JSON, XLSX, Docx	XML, JSON	in progress	XML, JSON, CSV, TSV
5. Crawling	Not yet	Yes	No	in progress	No (Yes)
6. Transfer data (from local to national system)	import XML / API / manual	import in different formats / API / manual	import files in different formats	in progress	import files in different formats

# Countries vs approaches

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# Keep balance between needs of different users

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## Local level

- ❖ Visibility of research outputs
- ❖ Research evaluation
- ❖ Performance-based research funding/ allocation to dept or unit
- ❖ Performance analysis of researchers
- ❖ Export data to national CRIS

## National level

- ❖ Visibility of country research outputs
- ❖ Research evaluation
- ❖ Performance-based research funding to institutions
- ❖ Import data from local CRIS
- ❖ Accountability of funding

## International level

- ❖ What is not available in commercial databases are available here - greater coverage
- ❖ Comparative studies
- ❖ Finding next collaborator

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# Integration of data

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## Local level

- ❖ Using standardized identifiers (DOI, ORCID, ISBN, ISSN)
- ❖ Using unique identifiers for persons, document, research units, project
- ❖ Data import from subscribed or open databases e.g. Web of Science, Scopus, Crossref
- ❖ Ongoing and done project information

## National level

- ❖ Same
- ❖ Same
- ❖ Same
- ❖ Institutions identifier
- ❖ Excluding very local or specific local data

## International level

- ❖ Consider only the relevant data based on the purpose of information retrieval
- ❖ Create country identifier

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# Facilitate information retrieval

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## Local level

- ❖ Suited to the fields and institutional need (e.g. MeSH in medicine)
- ❖ Author keywords
- ❖ Allow folksonomy or social tagging
- ❖ Allow information retrieval and download without any barrier – OPEN

## National level

- ❖ Aggregating local CRIS metadata files
- ❖ Allow folksonomy or social tagging
- ❖ Allow information retrieval and download without any barrier - OPEN
- ❖ Allow users to be creative – SQL queries

## International level

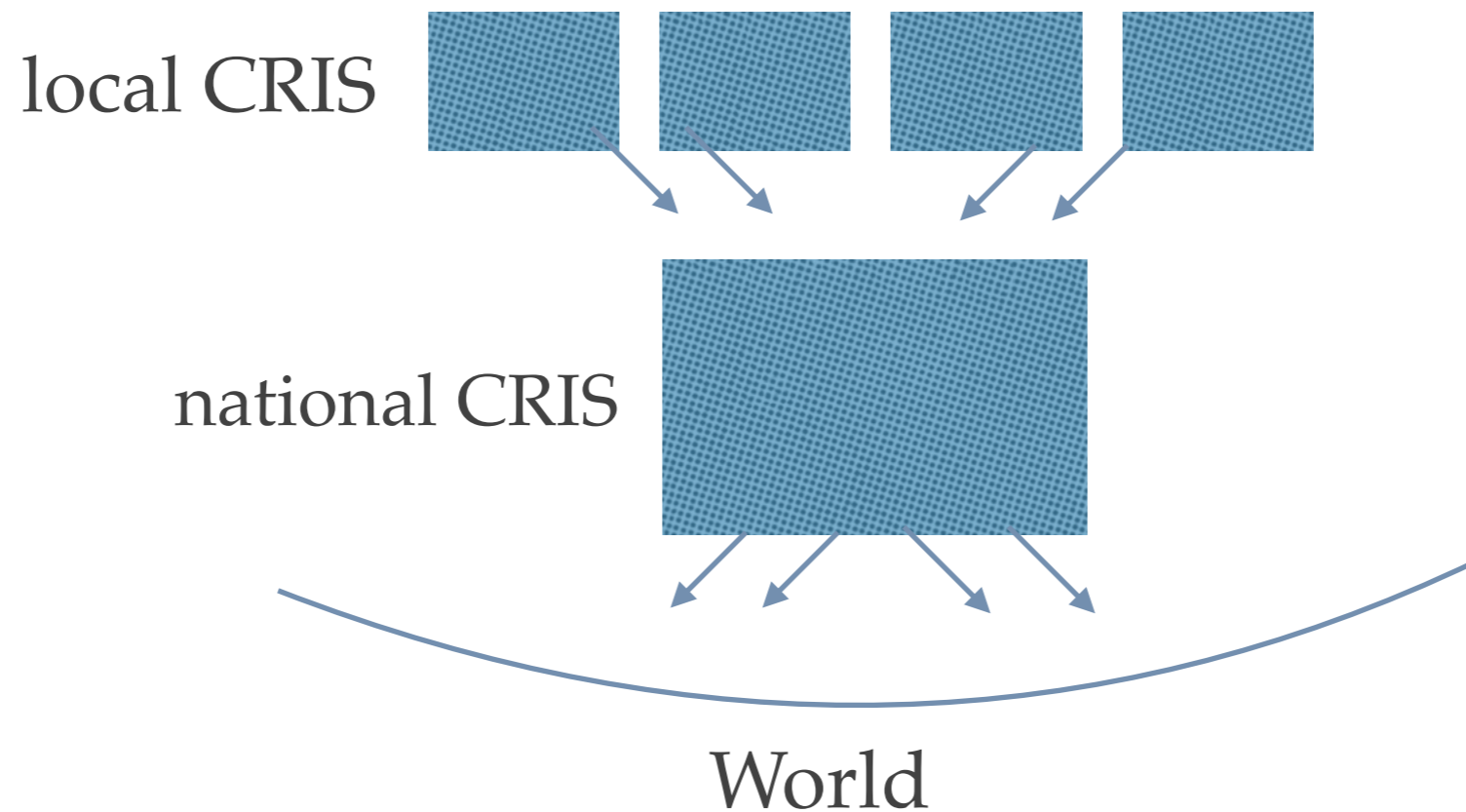
- ❖ Mapping of different indexes
- ❖ Data crawling – allow search engines e.g. Google, Google Scholar, Baidu, Yandex

Give the freedom for people

make it open

develop local CRIS

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Thank you!