



Long-term Data Preservation in Social Science Research in Bosnia and Herzegovina

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Data Archive for Social Sciences in Bosnia and Herzegovina – DASS-BiH

On-line event, 23 June 2021

Outline

- Long-term preservation and FAIR practices
- Benefits of long-term preservation
- Practices of data preservation in social science research in Bosnia and Herzegovina
- DASS-BiH
- How open data is changing social science funding rulebook?

Long-term preservation and FAIR



Findable

To aid automatic discovery of relevant datasets, (meta)data should be easy to find by both humans and machines and be assigned a persistent identifier.

Accessible

Limitations on the use of data, and protocols for querying or copying data are made explicit for both humans and machines.

Interoperable

(Meta)data should use standardised terms (controlled vocabularies), have references to other (meta)data and be machine actionable.

Reusable

(Meta)data are sufficiently well described for both humans and computers to be able to understand them and have a clear and accessible data usage license.

Benefits of long-term preservation

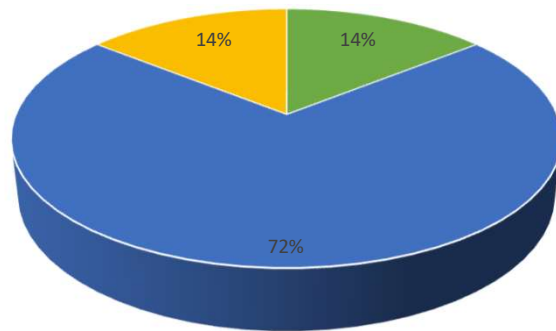
Direct Benefits	Indirect Benefits (Costs Avoided)
<p>Time and resource savings for researchers and teachers</p> <p>Verification of research through increased data citation thanks to relevant citation information and tools</p> <p>Access to data provides new research opportunities by increasing use of data within collections thanks to proper Collections Development Policy</p> <p>Re-purposing and re-use of data maximizes the value of data holdings when the data is available for third parties</p> <p>Increasing research productivity</p> <p>Assisting in provision of a skills base</p> <p>Customer service ethos of data archive staff</p>	<p>No re-creation of data</p> <p>Lower future archiving costs increase the likelihood of data being available, earlier in the lifecycle</p> <p>Re-purposing data for new audiences</p> <p>Use by new audiences</p> <p>Protecting returns on earlier investments</p> <p>Reduces potential duplication of effort</p> <p>Data management at scale can lead to cost efficiencies</p>
Near Term Benefits	Long-Term Benefits
<p>Value to current researcher and students</p> <p>Single point of access</p> <p>Increasing speed of access to data</p> <p>Ease of access for researchers and students</p> <p>Quality of documentation and contextual information, and resources for teaching</p> <p>No data lost from post-doc turnover thanks to a reliable preservation system</p> <p>Secure storage for data intensive research</p> <p>Availability of data underpinning journal articles</p> <p>Research data integrity since data is of high quality</p>	<p>Data preserved for the long-run</p> <p>Secures value of data for future researchers and students</p> <p>Data management by domain experts who can add value</p> <p>Value added over time as collection grows and develops</p> <p>Enables international comparisons, visibility, and use of national research data</p> <p>Input for future research by maximizing use across data user community (i.e. Including students)</p> <p>Impact on wider profession as a center of excellence</p> <p>Promotes teaching of quantitative methods and skills</p> <p>Fostering innovation in research and data management</p>
Private Benefits	Public Benefits
<p>Benefits to sponsor of research</p> <p>Benefits to sponsor of data service provider</p> <p>Benefits to researcher</p> <p>Fulfill grant obligations</p> <p>Increased visibility/citation</p> <p>Aggregator of data for data providers – providing them with one point of access to all customers</p> <p>Higher usage (and profile) of their data for depositors</p> <p>Removes user burden from depositors</p>	<p>Source of high-quality and often unique data</p> <p>Motivating new research</p> <p>Enables research that otherwise could not be undertaken</p> <p>Research integrity since others can check the outcomes of research</p> <p>Service targeted at academic and research community and supports their needs</p> <p>Fostering transferable skills in data analysis</p> <p>Articulating user needs to data providers</p>

Illustration of the Benefits Summary for a Data Archive worksheet

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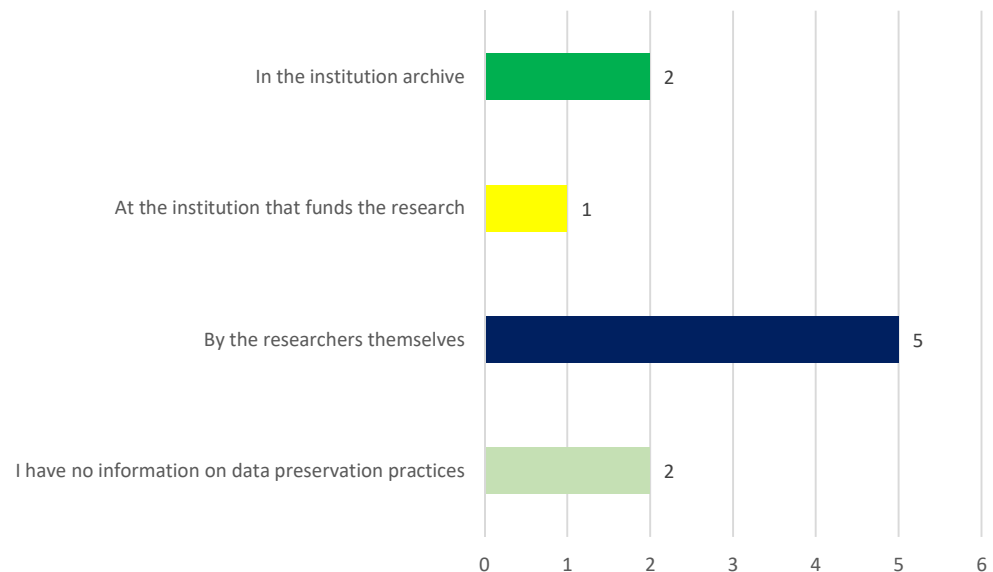
Practices of data preservation in social science research in Bosnia and Herzegovina

Do you collect data as part of social science research and do you provide / plan to provide data for long-term preservation?



- No, we do not collect data as part of this research
- Yes, we collect data but we do not deposit it
- Yes, we collect data and deposit it in our own archive

Data from previous research in the social sciences are usually kept:



DASS-BiH

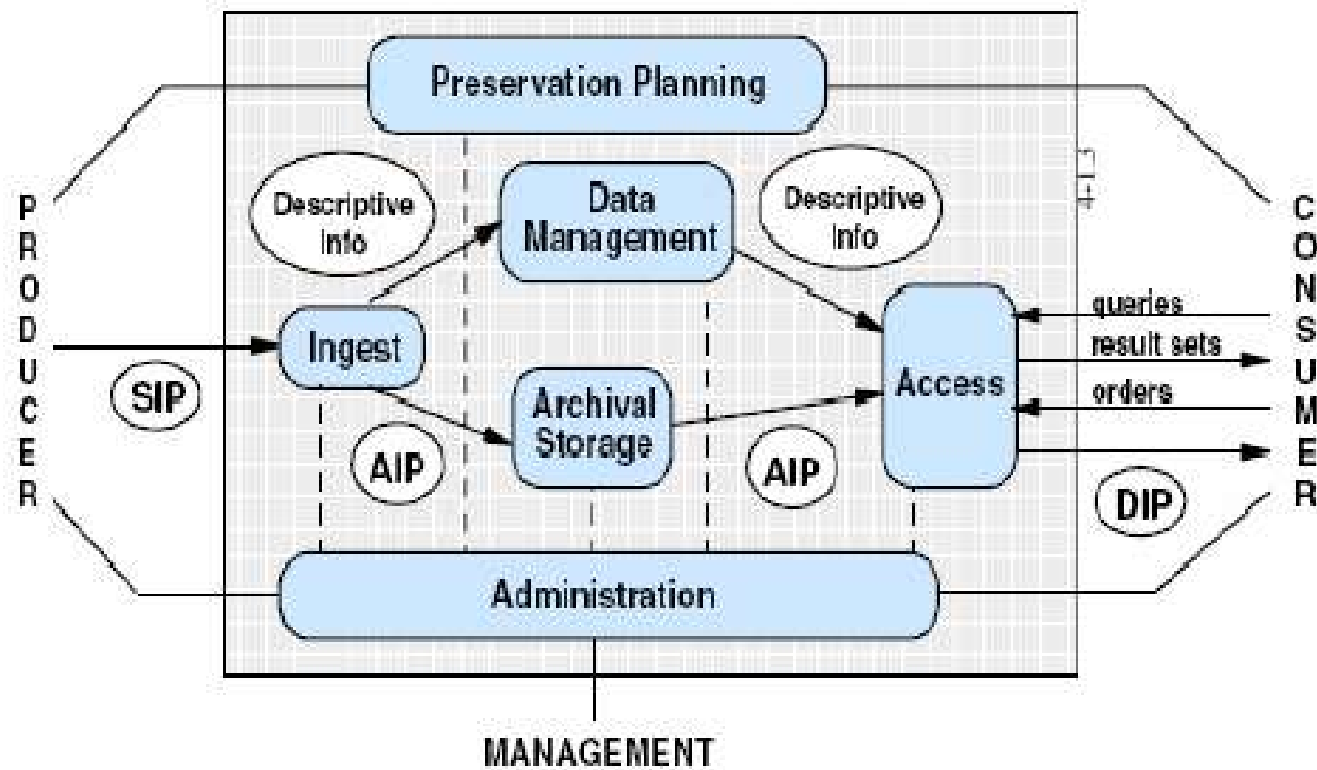


- DASS-BiH (Data Archive for Social Sciences in Bosnia and Herzegovina) is the national service whose role is to ensure long-term preservation and dissemination of social science research data.
- Over 50 datasets available for usage, including data about BiH citizens, but also from other Western Balkans countries
- Data catalogue can be accessed: <https://dass.credi.ba/data-catalogue/>
- Provides data under the FAIR principles
- Partner institution of CESSDA-ERIC as representative of BiH

DASS-BiH mission and services

- The purpose of the data archive is to provide a vital research data resource for researchers, teachers, students, and all other interested users.
- DASS-BiH is entitled to provide following services for its depositors and users:
 - collection, validation, data conversion, distribution of data collections;
 - administration of network/system specialized in collecting, storing, and distributing data;
 - assuring quality and safety of data collections within data management activities;
 - permanent monitoring of international standards in data management systems and improving infrastructure when needed;
 - mediation between the demand of data users and supply of data providers (contracts for deposit and distribution of data, admission requirements, testing, etc.);
 - customer support;
 - activities related to web portal development and maintenance;
 - providing of services to third parties and user training.

DASS-BiH operations under OAIS reference model



DASS-BiH Workflow



CoreTrustSeal certificate

- DASS-BiH is currently in the process of acquiring the CoreTrustSeal certificate, which means reaching the level of trustworthiness in the provision of its services to end-users. In this way, DASS-BiH wants to ensure that the procedures for depositing and long-term storage of data are in line with the standards applied in this area in the world. The evaluation and certification process is expected to last until the end of 2021.

- For more information: <https://www.coretrustseal.org/>





Thank you for your attention!

For more information, please contact:

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