## Data Services, Data Archiving, and Research Data Management

| Certification | 14.09.2023 | **Certification for data archives and research data centers**  
*Jonas Recker, Kerstin Beck*

| Data Services | 28.09.2023 | **Data Services: An Overview**  
*Oliver Watteler*

| Community Data Collection | 12.10.2023 | **Community Data Collection**  
*Alexander Jedinger*

| Metadata & PIDs | 26.10.2023 | **Metadata and PIDs**  
*Wolfgang Zenk-Möltgen, Jan Schwalbach & Kokila Jamwal*

| DP-R|EX | 09.11.2023 | **An Introduction to Domain-Specific Data Infrastructures: DP-R|EX**  
*Alexander Jedinger, Marlene Hilgenstock & Pascal Kolkwitz-Anstötz*

| RDM & RDM Training | 23.11.2023 | **Research Data Management & RDM-Training**  
*Anja Perry & Sebastian Netscher*

| Risk & Sensitive Data | 07.12.2023 | **Secure Data Center: Secure Access to Sensitive Data**  
*Deborah Wiltshire & Jara Kampmann*

An introduction to domain-specific data infrastructures: DP-R|EX

Meet the Experts – GESIS online talks

Data Services, Data Archiving, and Research Data Management

Dr. Alexander Jedinger, Pascal Kolkwitz-Anstötz M.A., Marlene Hilgenstock M.A., November 9, 2023
Speakers

Dr. Alexander Jedinger

- Alexander Jedinger is a Senior Researcher at GESIS Leibniz Institute for the Social Sciences and deputy team leader of the team “Archiving.” As a political scientist with an interdisciplinary orientation, his research focuses in particular on political attitudes, ideologies, and intergroup relations.

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Pascal Kolkwitz-Anstötz M.A.

- Pascal Kolkwitz-Anstötz is a Research Associate at GESIS Leibniz Institute for the Social Sciences. He holds a Master's degree in political science from the university of Marburg. His research interests are in the fields of political sociology and psychology with a focus on intergroup relations in post-migrant societies.

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Marlene Hilgenstock M.A.

- Marlene Hilgenstock is a Research Associate at GESIS Leibniz Institute for the Social Sciences. She holds a Master's degree in Sociology from the London School of Economics and Political Science (LSE). Her research interests lie in the construction of social identities, exclusion, attitudes towards minorities and national integration policies.

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Outline

Introduction
• Domain-specific data infrastructures (DSDI) – what for?

The project – DP-R|EX
• Project background & genesis
• Core mission & main efforts
• Upcoming topic-related research data

Offers & services
• Data sharing & management
• Data search & metadata development
• Data search – use case

Q & A session
DSDI – what for?

Well-known and new challenges for…

Researchers
• Access to and re-use of research data in a specific domain
• Special requirements for domain-specific research data management & data sharing
• Hidden (small scale) studies

Research data centers
• Inter- and multidisciplinary projects & lack of domain-specific expertise
• Mixed methodological approaches & new data types
• Variation of resources, topical scope, standards and workflows

Both
• Legal insecurities in terms of copyright, privacy and data security issues
DSDI – what for?

Possible solution

- Establishing **federated infrastructures** for research data **offering support and services** to generate and manage data based on **common standards** for a **specific field** of research

- Making infrastructures **for open data and research more visible** and fostering a **culture of data sharing** in specific research domains
Project genesis

Background

• Cabinet committee’s list of measures for combating racism and right-wing extremism: focus on enhancing dedicated research data infrastructures in the domains

Development

• Initial application and announcement of the project as a consortium project under the BMBF funding guidelines in April 2021
• Pre-approval in July 2021 with a (positive) evaluation followed by a six-month exploratory phase starting in September 2021
• Official project start in March 2022 (GESIS) and September 2022 (project partners)
• Overall project duration: September 1, 2021, to August 31, 2026
  Total budget: approximately 1.5 million €

Project partners
**Data FAIRness**
*(Wilkinson et al. 2016)*

**Key findings of data review**

- 20+ national organizations and research institutes have been inspected (Jan-Feb/2022)
- The data landscape in the research fields is highly fragmented
- Strong interdisciplinarity and diverse methodological approaches
- Data findability and especially accessibility leave room for improvement
DSDI in Germany – the big picture

Demands for information and support from scientific communities
Data explorer

- **Search-widget** with pre-selected research data
- Tailored data descriptions (metadata) using domain-specific terminology

Data sharing

- **Guided data submission** via the web portal
- Cost-neutral archiving of suitable research data with re-use potential

Data management

- **Consulting** in data collecting and archiving by institutes with topic-related and methodological expertise
- Supply of information materials and guides

Hate speech corpus

- Annotated dataset for hate speech and crime on the internet
- Use-case for the publication of a sensitive social media corpus

Data trustee VrAN

- Infrastructural solutions to share and maintain online registers of racist or far-right actors and networks across research projects
Upcoming research data in the catalogue

Stock data
- Topic-related research data which is already archived or will be archived by the federated RDCs (GESIS, Qualiservice, DeZIM.fdz)

Data from cooperating RDCs with topic-related data
- Exchange of study descriptions (metadata), e.g. with the RDC of the Research Institute Social Cohesion (RISC)

Data originating from current research funded by the BMBF
- Current and historical dynamics of right-wing extremism and racism
- Current dynamics and challenges of Anti-Semitism
- Social causes and effects of radical Islam in Germany and Europe
Offers & services

• Data sharing & management
• Data search & metadata development
• Data search – use case
Research data sharing

Archiving & Publication

• Cost-neutral data archiving for researchers
  ➔ Prerequisite: Alignment with collection guidelines and compliance with data protection and research ethics requirements

• Data preparation, curation & documentation
  ➔ (Long-term) archiving and provision for scholarly reuse

• Online data submission via www.datenportal-rechtsextremismus.de
Research data management (RDM)

- To avoid limitations in later data usage it is advisable to consider data archiving questions early in the research process
- Consultation services, for instance, on data collection itself, quality assurance, or data preparation for archiving

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Key values:
- Coverage
- Critical documentation practice
- Transparency
- Accessibility

Phase 1
Reviewing the field

Phase 2
Building own data collection

Phase 3
Publication of curated data

Data portal for racism and right-wing extremism research

- Literature review
- Community-partners
- Project-group

Collaborative development of controlled vocabulary

Data-holder

Metadata harvesting

DP-R|EX
Data collection

Publication of metadata

DP-R|EX
Data registry

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Data search – use case

R|EX-specific Concepts

Differentiation factors
Data search – use case

Individual search option

R|EX-specific Concepts

Differentiation factors

The data portal for racism and right-wing extremism research

Labour Migration, Market Competition and Ethnocentrism: Guest workers in Israel and Germany

Schmidt, Peter Heyder, Ariibert

Date(s) of Data Collection: 1996 - 1999

Abstract

Concepts: Antisemitism, Assimilation, Discriminatory behaviour, Discrimination, Ethnocentrism, Integration, Intergroup relations/conflicts, Marginalisation, Migrant policies, Multiple integration, Nationalism, Patriotism, Perceptions of racism, Xenophobia

Groups: Herkunft, Naher Osten, Religions-Zugehörigkeit

Methodology
Data search – use case

Antisemitism

Filter
Delete all Filters
Antisemitism
Assimilation
Discriminatory behaviour
Ethnocentrism
Integration

Labour Migration, Market Competition and Ethnocentrism: Guest workers in Israel and Germany

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Concepts

Antisemitism
Assimilation
Threat perceptions
Discriminatory behaviour
Discriminatory
Ethnocentrism
Integration
Intergroup relations/conflicts
Marginalisation
Migrant
Multiple integration
Nationalism
Patrolism
Perceptions of racism
Xenophobia

Groups

Herkunft
 Naher Osten
 Religiöse Zugehörigkeit

Methodology

Mode of Data Collection
Sampling Procedure
Temporal Research Design
Universe
Geographic coverage: DE|IL
Expert contact & GESIS consulting

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