národní
úložiště
šedé
literatury

Workflow pro propojování výzkumných dat a šedé literatury v repozitáři

Vompras, Johanna; Schirrwagen, Jochen
2015

Dostupný z http://www.nusl.cz/ntk/nusl-200839

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Datum stažení: 23.04.2024

Další dokumenty můžete najít prostřednictvím vyhledávacího rozhraní nusl.cz .

Repository Workflow For Interlinking Research Data With Grey Literature

8th Conference on Grey Literature and Repositories, 21-Oct-2015, Prague
Johanna Vompras, Jochen Schirrwagen | Bielefeld University, Germany

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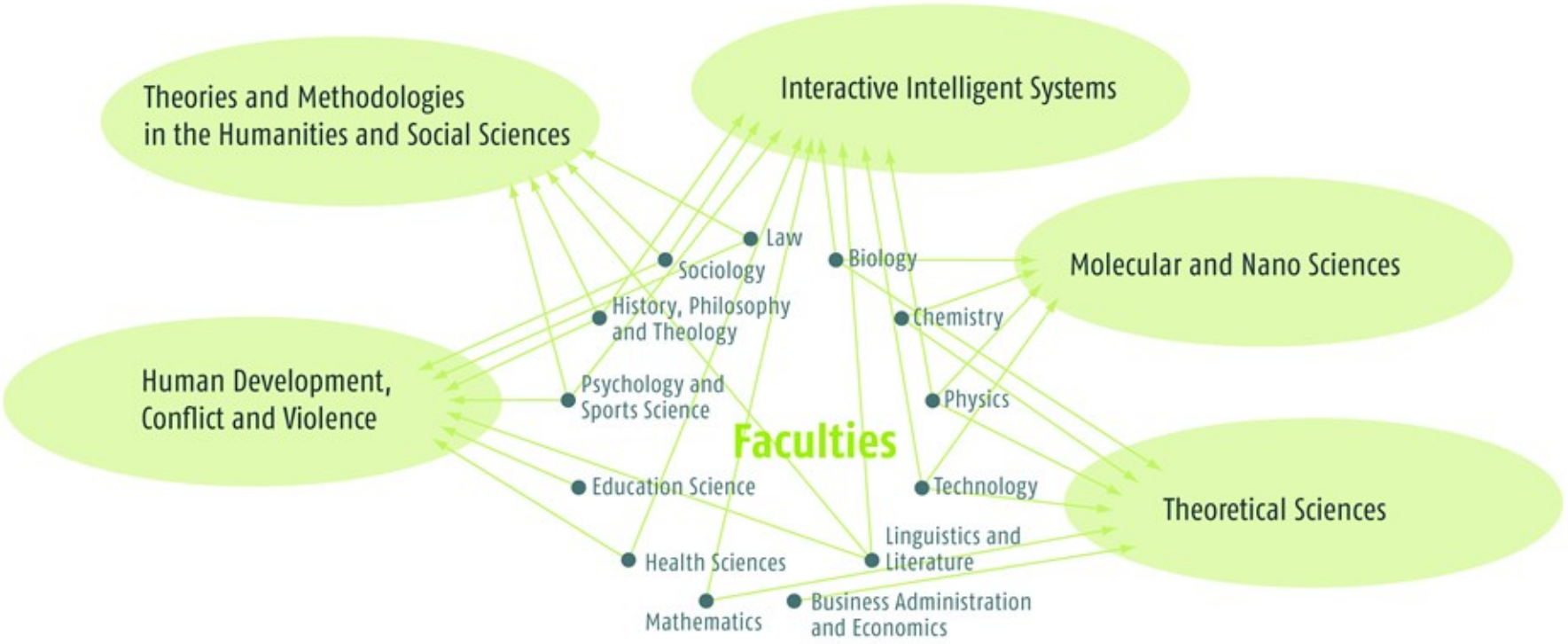
Research at Bielefeld University

Research Areas and Interdisciplinary Research Networking at Bielefeld University



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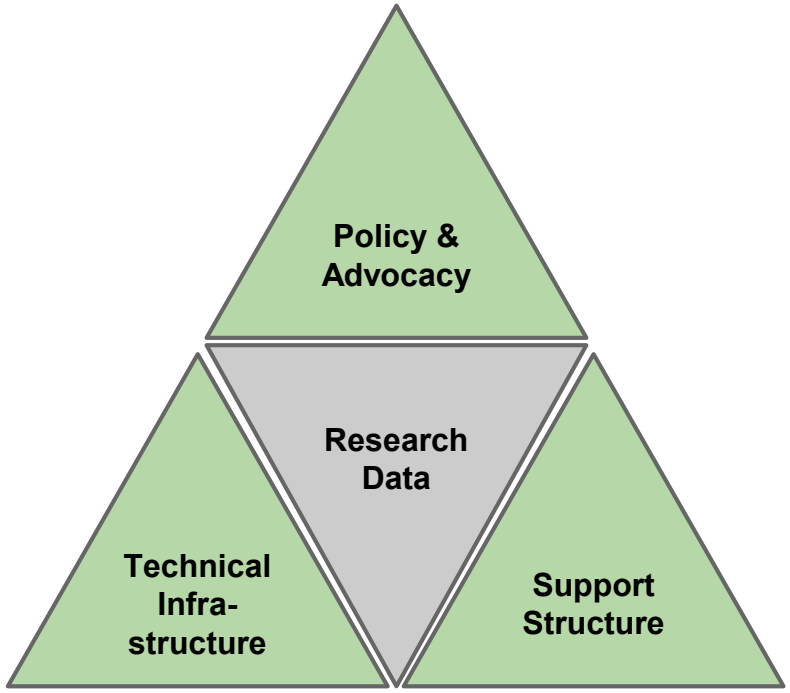
Policies, Infrastructure, Support



Synergy of policy, infrastructure and support

Research data requirements from funders and publishers

Implementation in institutional Research Data Policy

- Map to local conditions
- Align with institutional RDM services, roles, responsibilities
- Awareness and Guidance for researchers towards research data publication and sharing

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Milestones on RDM at Bielefeld University

2009
- Start of pilot project INFORMIUM (Dec. 2009)

2011
- Principles on handling research data and set up of coordination centre
- http://data.uni-bielefeld.de

2012
- DOI Publication Agent
- Participation in pilot projects (CRC882, CITEC, OA-Task Force)

2013
- Resolution on Research Data Management
- Data Management Planning Tool (inhouse)
- Integrated research data repository

2015
- Guidelines for complying with OA and Open Data requirements in Horizon2020

Institutional Repostitory PUB

Universität Bielefeld PUB – Publications at Bielefeld University

PUB

University| International | Information for University from A-Z

Home | Publications | Data Publications | Authors | PUB Theses | About PUB | Deutsch

PUB – The Publication Server at Bielefeld University

Search UniBi Publications | Go! | Fields | Operators | Help

Login to PUB

- 46414 **Publications**
- 3006 **Individual Author Pages**
- 76 **Data Publications**
- 8211 **Open Access Publications**
- 1674 **Theses**

Open Access at Bielefeld University

Research Data Management

Support Publication Services
Susanne Riedel
Phone: 0521/106-4058
publikationsdienste.ub@uni-bielefeld.de

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Introducing PUB

- access point to instit. research output
  - scientific literature and research data
- build with LibreCat
  - joint effort of Lund, Gent, Bielefeld libraries
- provides
  - author publication lists
  - mint of DOI / URN for permanent, reliable citation
  - interfaces (OAI, SRU, CQL)
  - formats (DC, MODS, DataCite, XMetaDissPlus)
  - linking of research data with literature
  - Partner in the SAFE Private LOCKSS Network

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Identified Challenges Regarding Research Data and Grey Literature

- Use of citation standards for research data
- Registration of research data
- Authoring tools supporting data citation
- Institutional policies covering grey literature and research data
- Cross-disciplinary generic RDM solutions
- Promote awareness about research data publication and sharing - a Libraries role

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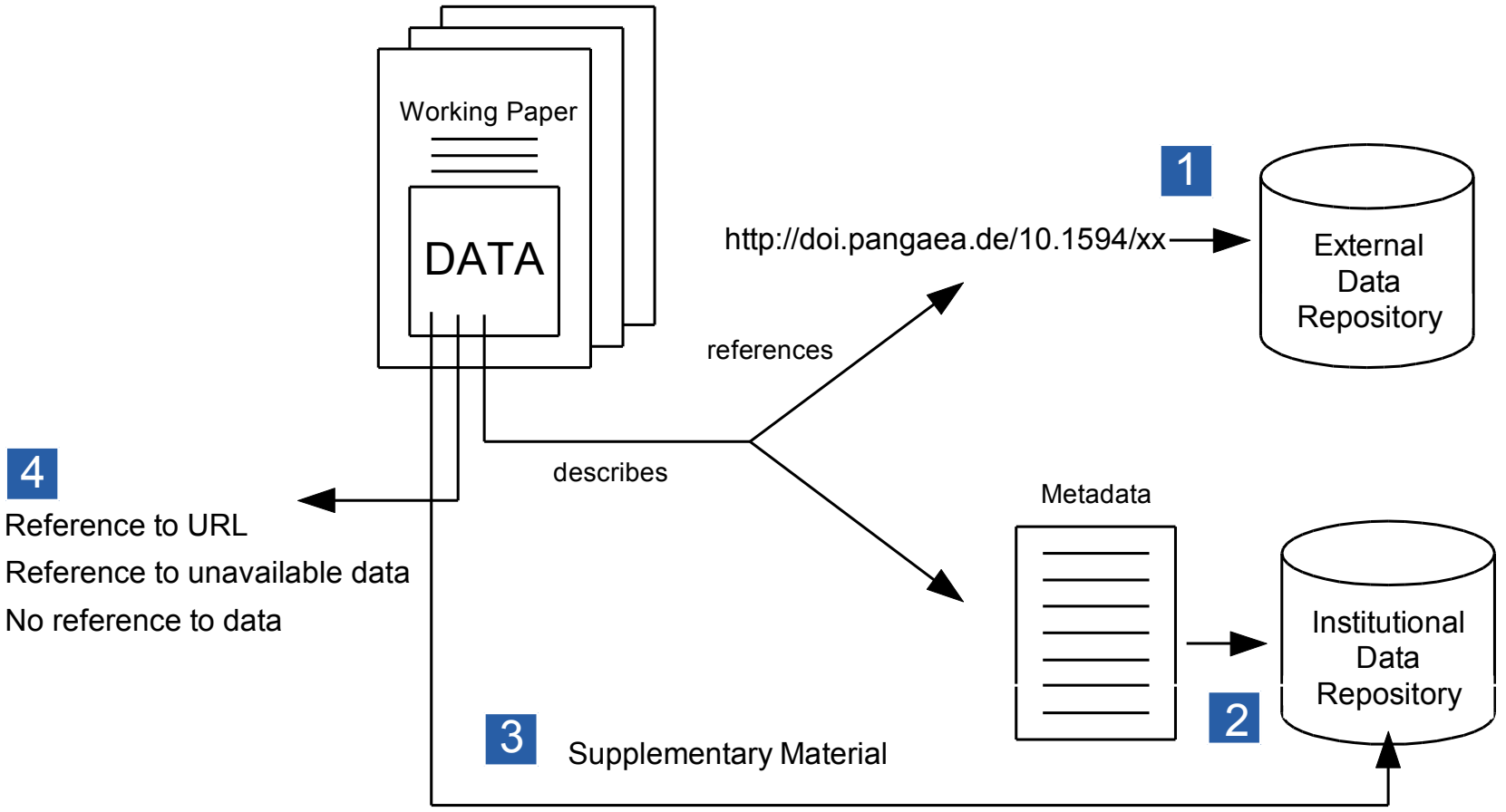
Linking Grey Literature with Research Data as Discrete Resources



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Examples Illustrating Variety of Publications with Associated Research Results

- *PhD thesis as Enhanced Publication (2011)*:
  - thesis in TU Delft inst. repository with datasets deposited in 3TU.Datacentrum (http://t1p.de/ep-dissertation-tudelft)
- *Working Paper in Economics and Management (2015)*:
  - metadata relate to source code and data publication
  - data publication also cited by other publications (http://pub.uni-bielefeld.de/publication/2723277)

Services Supporting Aggregation, Mining, discovery of Linked Research Results

- *Data Literature Interlinking service*:
  - collaboration of data centres, publishers, research organisations
  - provide “authoritative” links between datasets and research literature (http://dliservice.research-infrastructures.eu)
- *OpenAIRE*:
  - scholarly communication infrastructure supporting contextualization of research results
  - aggregation and knowledge extraction from literature and data repositories (https://www.openaire.eu)

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Working Paper Example in PUB

Methodological Report Employee and Partner Surveys of the Linked Employer-Employee Panel (LEEP-B3) in Project B3 "Interactions Between Capabilities in Work and Private Life: A Study of Employees in Different Work Organizations"

Abendroth A, Melzer SM, Jacobebbinghaus P, Schlechter F (2014)

SFB 882 Technical Report Series, 12. Bielefeld: DFG Research Center (SFB) 882 From Heterogeneities to Inequalities.

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URN urn:nbn:de:0070-pub-27008660

Report | *English*

Mark

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Abendroth A, Melzer SM, Jacobebbinghaus P, Schlechter F. *Methodological Report Employee and Partner Surveys of the Linked Employer- Employee Panel (LEEP-B3) in Project B3 "Interactions Between Capabilities in Work and Private Life: A Study of Employees in Different Work Organizations"*. SFB 882 Technical Report Series. Vol 12. Bielefeld: DFG Research Center (SFB) 882 From Heterogeneities to Inequalities; 2014.

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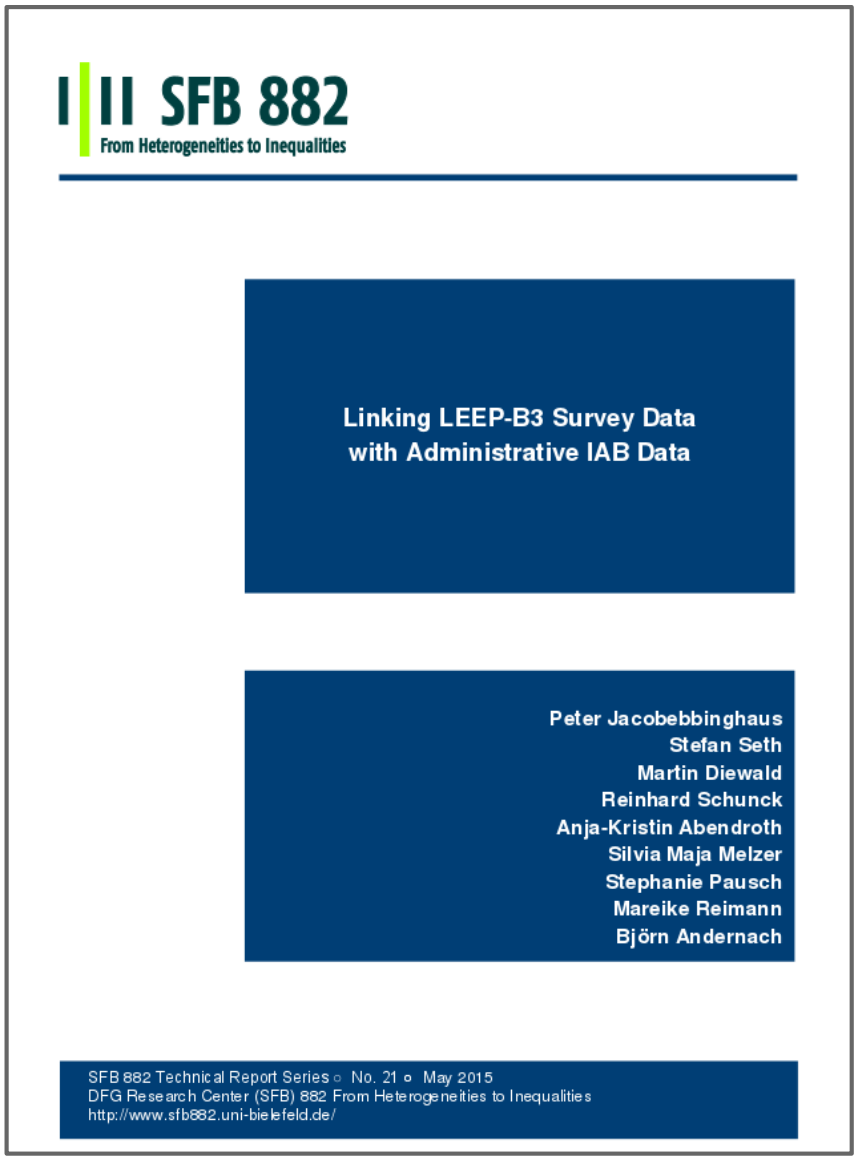

- Refereed scholarly paper
- Reviewed submissions
  two stages: internal and external
- For presenting technical work,
  e.g. data documentation, field reports
  questionnaires, data processing

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From Heterogeneities to Inequalities

Linking LEEP-B3 Survey Data with Administrative IAB Data

Peter Jacobebbinghaus
Stefan Seth
Martin Diewald
Reinhard Schunck
Anja-Kristin Abendroth
Silvia Maja Melzer
Stephanie Pausch
Mareike Reimann
Björn Andernach

SFB 882 Technical Report Series ○ No. 21 ○ May 2015
DFG Research Center (SFB) 882 From Heterogeneities to Inequalities
http://www.sfb882.uni-bielefeld.de/

Appendix 1: Employee Questionnaire

Part 0: Introduction and identity check

INT02: Hello, my name is <INT> from the SOKO-Institute for empirical social research and communication in Bielefeld. Do I speak with <NAME>? Some days ago we have sent you a letter with information about our current survey. In association with Bielefeld University we are surveying the achievement of goals in private and working life. Did you receive this letter?

Yes ..... ☐
No ..... ☐

INT: *If „no"*: This letter gave you basic information about the survey. Using telephone interviews we try to identify life goals in the private and work domain employees pursuit, and which conditions ease or hinder their achievement. For this survey employees had been chosen randomly from the central register of the "Federal Employment Agency" in Nuremberg, and you are one of them.

INT03: The survey will take around 40 minutes.

Your cooperation is voluntary. The SOKO Institute guarantees that all information will be processed strictly confidential and anonymously without using your name and address. Our staff is bounded to secrecy. The data will be used exclusively in terms of this research project. Do you have the time to take part in this survey, or would you like to make an appointment?

Appointment for the interview: _____
Start right now ..... ☐
Send the letter again. ..... ☐
Refusal of interview ..... ☐

INT: Which appointment has been made? Please check the correspondent box!

Notes: In the following text the categories „Don't know"and „Refusal" will only be shown, if they are related to the filtering of questions.

Q003A: **Please name your year of birth.**

Year: _____

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Code Scheme

R219: **How often do the following points happen to you? Please answer again according to the scale from 1 to 5. The 1 means „always“, 2 means „often“, 3 „sometimes“, 4 „rarely“ and 5 „never“.**

		always	often	sometimes	rarely	never
		1	2	3	4	5
R219A:	I often am already thinking about work-related problems when I wake up.	☐	☐	☐	☐	☐
R219B:	When I come home, it is very easy to switch off from thinking about work.	☐	☐	☐	☐	☐
R219C:	Those closest to me say I sacrifice myself too much for my career.	☐	☐	☐	☐	☐
R219D:	Work seldom lets go of me; it stays in my head all evening.	☐	☐	☐	☐	☐
R219E:	If I put off something that needs to be done that day, I can't sleep at night.	☐	☐	☐	☐	☐

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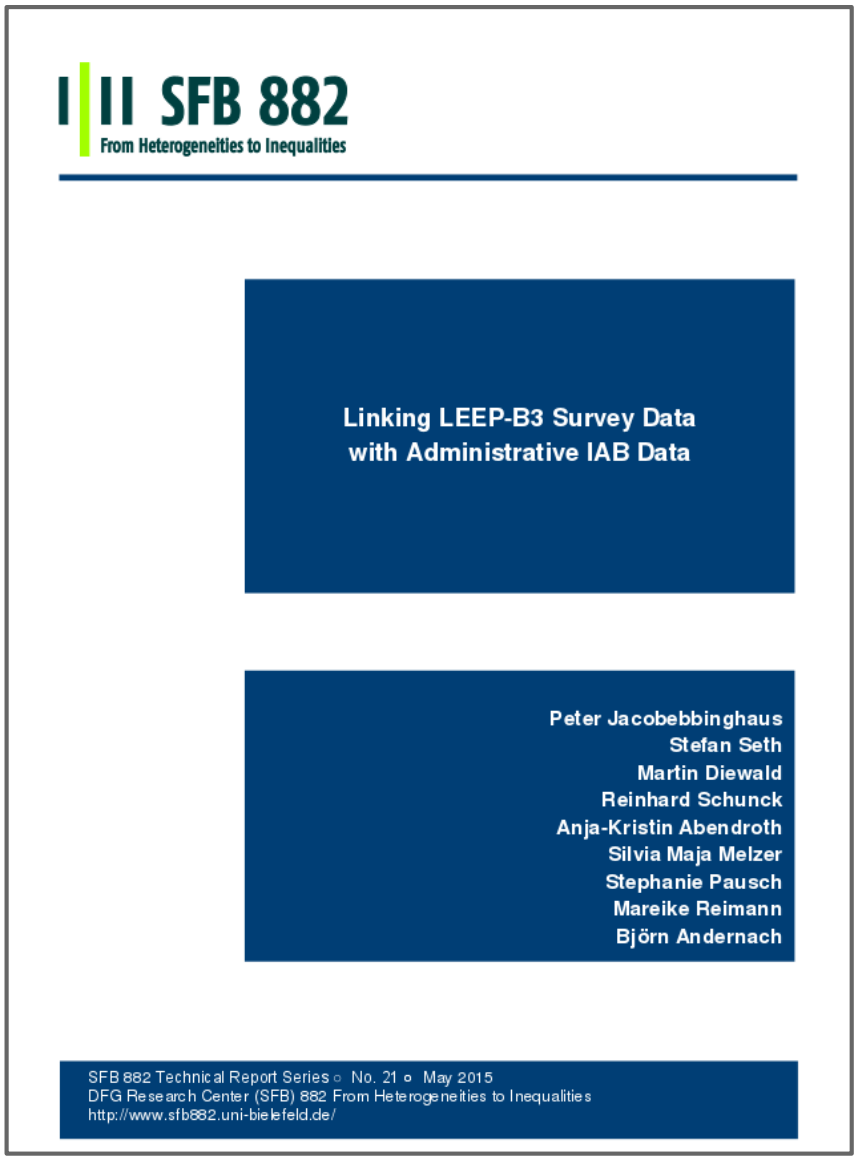

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From Heterogeneities to Inequalities

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http://www.sfb882.uni-bielefeld.de/

Description of data with DOI reference

10.4119/unibi/sfb882.2014.12

Suggested citation:
Diewald, Martin; Schunck, Reinhard; Abendroth, Anja-Kristin; Melzer, Silvia Maja; Reimann, Mareike; Pausch, Stephanie (2014): LEEP-B3. SFB 882. doi:10.4119/unibi/sfb882.2014.12

Creators:
Diewald, Martin
Schunck, Reinhard
Abendroth, Anja-Kristin
Melzer, Silvia Maja
Reimann, Mareike
Pausch, Stephanie

Title:
LEEP-B3

Publisher:
SFB 882

Year of publication:
2014

Subjects:
Sociology

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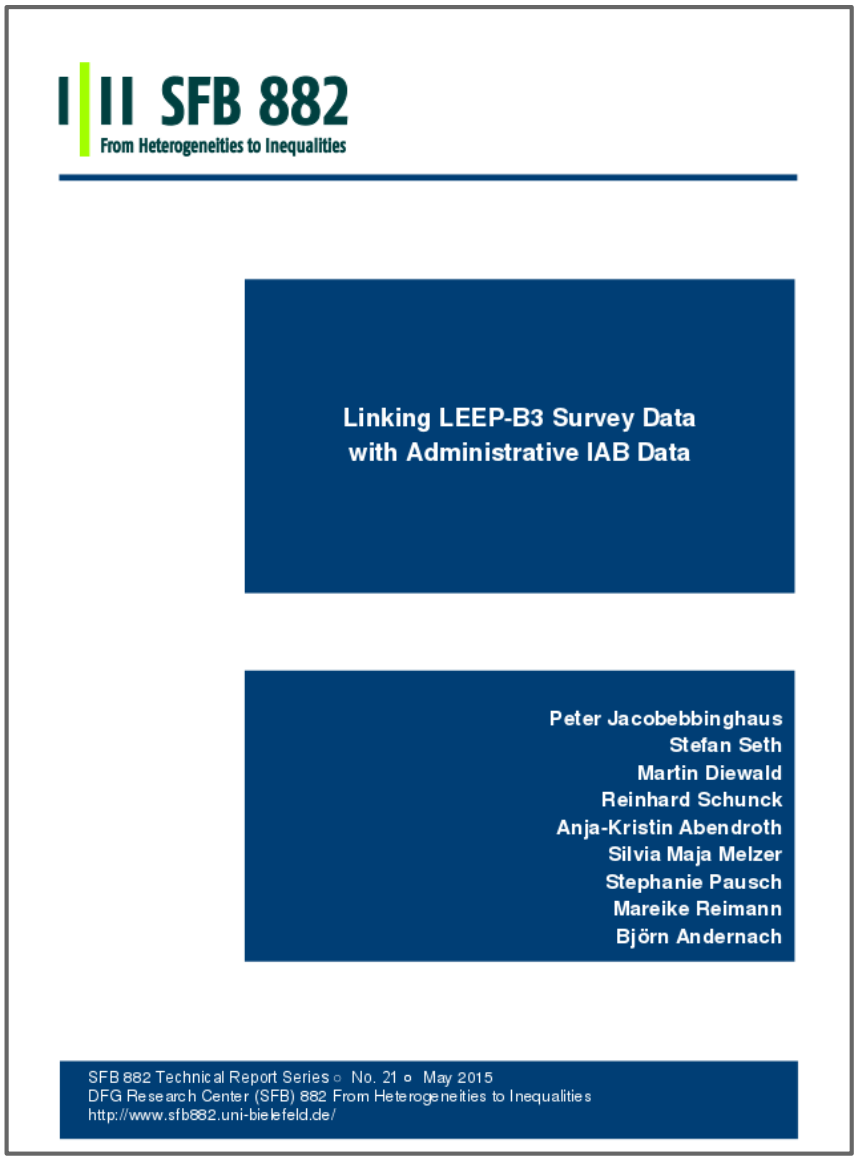
Working Paper Example in PUB



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/sfb882.2014.12

10.4119/unibi/sfb882

Suggested citation:
Diewald, Martin; Sch
Maja; Reimann, Mar
doi:10.4119/unibi/sfb

Creators:
Diewald, Martin
Schunck, Reinhard
Abendroth, Anja-Kris
Melzer, Silvia Maja
Reimann, Mareike
Pausch, Stephanie

Title:
LEEP-B3

Publisher:
SFB 882

Year of publication:
2014

Subjects:
Sociology

Resource type:
Dataset (Stata dataset)

Size:
10000 kb

Formats:
application/x-stata-dta

Version:
1.0

Rights (license):
Confidential data.

Abstract:
Der LEEP-B3 Datensatz wurde im Rahme
"Wechselwirkungen zwischen Verwirklich
Privatleben" erstellt. Mit Hilfe des Datens
Kontexte bei der Genese sozialer Ungleic
wechselseitiger Beeinflussung von Berufs
Neben der Befragung von Beschäftigten u
Verwirklichungschancen in beiden Lebens
Maßnahmen befragt, die Arbeitnehmern e
Berufs-, sondern auch im Privatleben erm
Betrieben als Verhandlungspartner und G
untersucht. Durch die Verknüpfung der Be
Arbeitnehmern entsteht ein Datensatz im

er, Silvia
B 882.

Concept for Linking Research Output

Principle:

- discipline-independent model for interlinking grey literature with data sets

Use Cases we consider:

A. Supplementary material attached to main manuscript
B. Discrete data publication in PUB
C. Linking to external data publications

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Implementation in PUB

- Advisory support for thesis publication
  - sensitizing PhD candidates for data publication & data citation used in their thesis publication
  - incorporate **data publication workflows** to thesis submisson process
- Submission and linking process in PUB
  - enter of basic bibliographic information
  - association with
    - registered data publication
    - external resources or
    - reference to software repository, e.g. on GitHub

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Linking Data to Grey Literature (taking thesis as example) Step 1: submission form

Add new Dissertation

Dissertation

Basic Fields | File Upload | Additional Information | Related Material

« Back | ✔ Save | ✖ Cancel | ⊕ Make Public | Next »

DOI e.g. 10.4119/unibi/2695161

Auth. First e.g. John + −

Auth. Last e.g. Appleseed + −

Dept. Universitätsbibliothek Select + −

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Related Material

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Link to other record

URL

Title

Description

Add

Related material is...

Software

Research Data

Fluorescence micrograph segmentation Algorithms

Test Data for KM and GC Segmentation

Save | Cancel | Return | Delete

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Landing Page of Linked Resources

Universität Bielefeld PUB – Publications at Bielefeld University Deutsch

Back vompras Logout

Towards increased efficiency and automation in fluorescence micrograph analysis based on hand-labeled data

Held CH (2013)

Bielefeld: Universität Bielefeld.

Download 130529_PhD_held_final.pdf

URN urn:nbn:de:hbz:361-26521679

Bielefeld Thesis | English

Details Files External Data Mark/Unmark publication

Author Held, Christian Hans

Supervisor Nattkemper, Tim Wilhelm ; Wittenberg, Thomas

Department Technische Fakultät
Biodata Mining

Abstract In the past decade, automation in fluorescence microscopy has strongly increased, particularly in regards to image acquisition and sample preparation, which results in a huge volume of data. The amount of time required for manual assessment of an experiment is hence mainly determined by the amount of time required for data analysis. In addition, manual data analysis is often a task with poor reproducibility and lack of objectivity. >> more

Keywords Watershed ; Graph Cut ; Fluorescene Microscopy ; Image Analysis ; Segmentation ; Fast Marching

Year 2013

Export

0 Marked Publications

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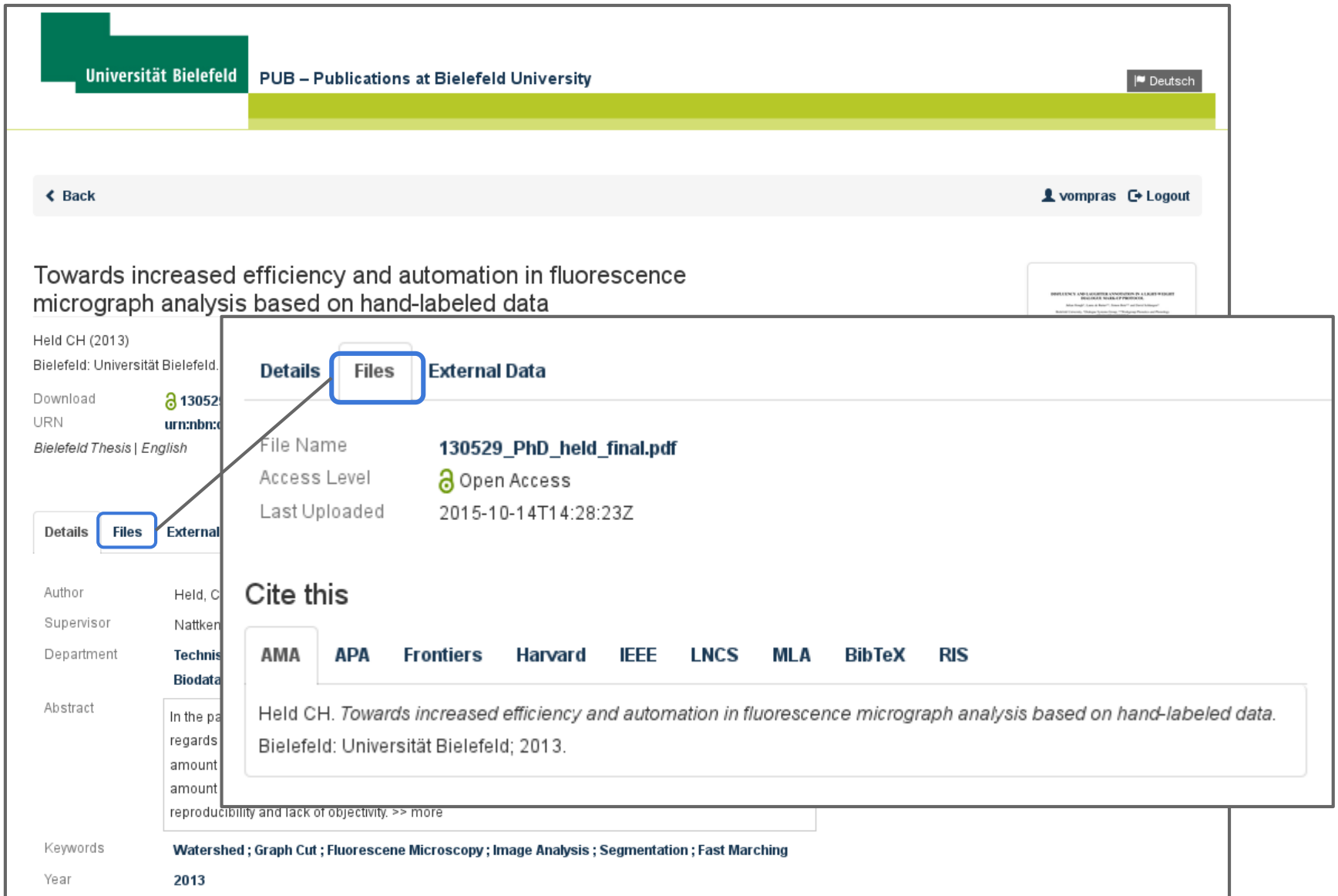

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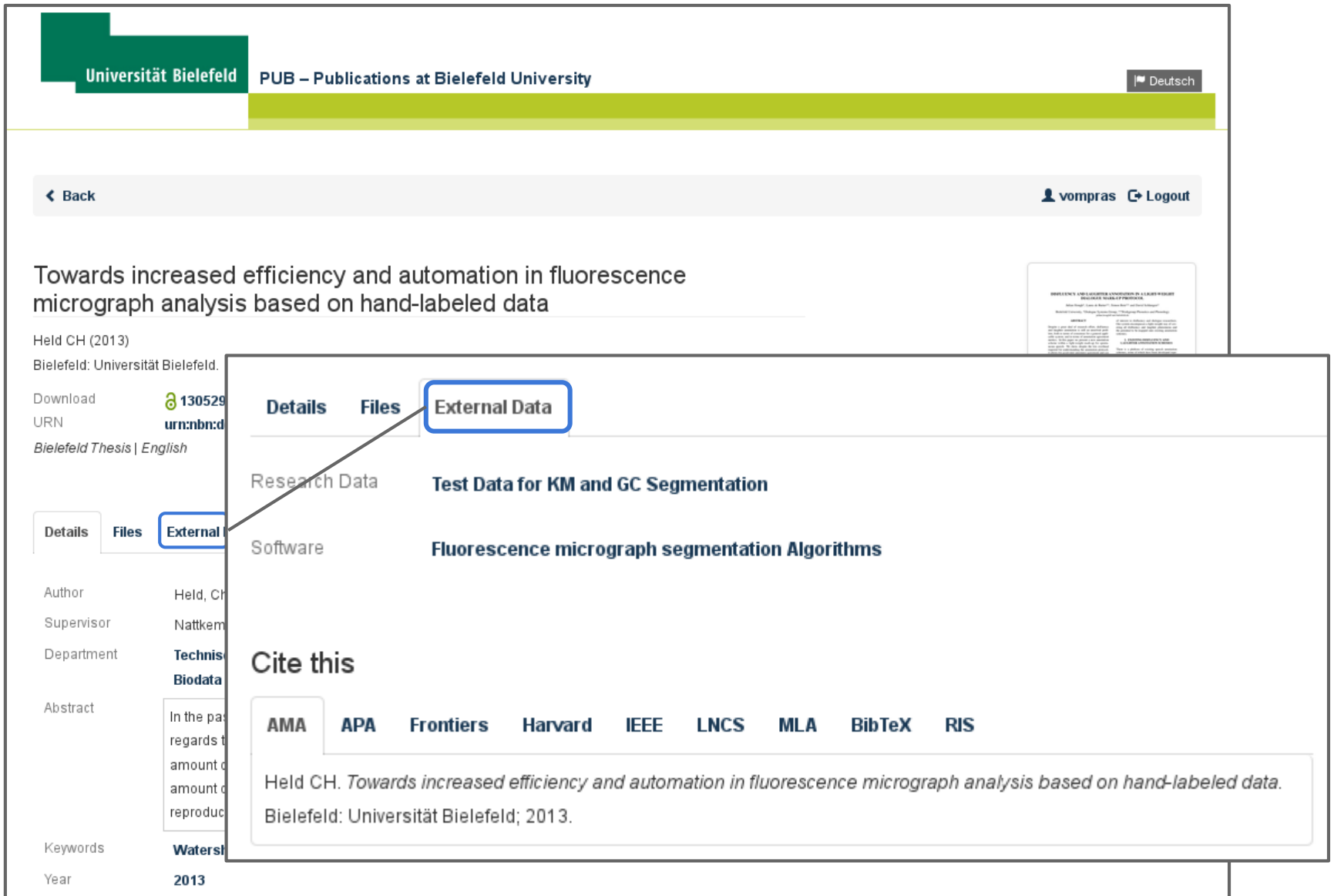

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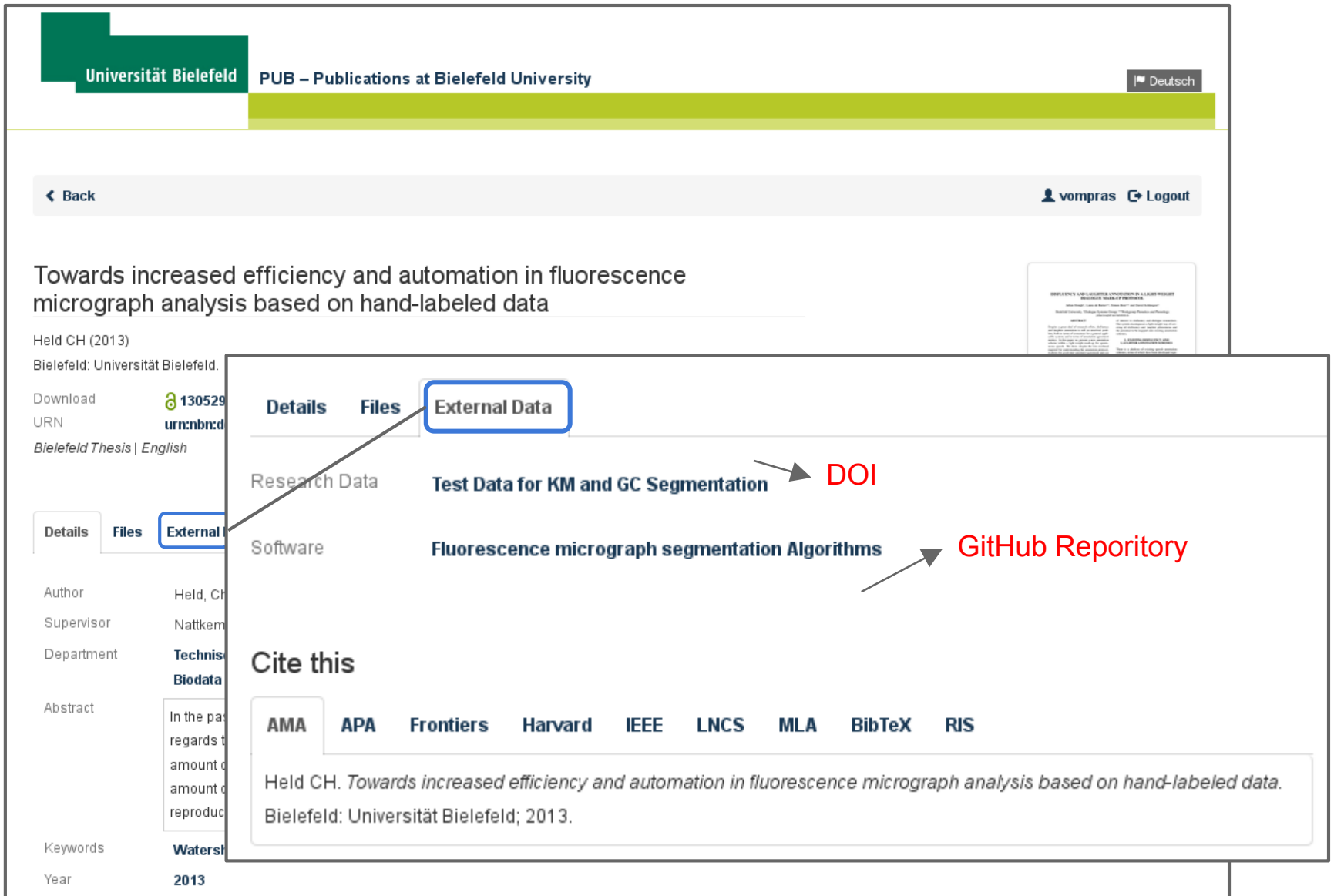

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Relations of a PhD Thesis to Associated Material

Resource	Relations	Identifier	Resource Type	Target Example
Related Material	suppl. material	PUB-ID, File-ID	any	any uploaded file
Publications in PUB	is-part-of, earlier-version, cites, is-cited-by...	PUB-ID	(data) publication	PUB landing page
External Data	is-part-of, earlier-version, cites, is-cited-by, uses...	DOI, URL	software, data sets	link to gitHub, thematic repositories

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Conclusion and Next Steps

- Alignment, implementation and promotion of institutional research data policy, technical infrastructure organizational support
- As next: DFG-funded CONQAIRE project:
  - exploring and implementing new methodologies for managing research
  - catalogue of criteria to verify formal data quality
  - enabling analytical reproducibility

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Thank You For Your Attention

Find out more about:

- Research Data Management at Bielefeld University
  https://data.uni-bielefeld.de/en
- Open Access at Bielefeld University
  http://oa.uni-bielefeld.de/en/index.html
- PUB - Publications at Bielefeld University
  http://pub.uni-bielefeld.de/

Contact: data@uni-bielefeld.de

Resolution on Research Data Management

(adopted by the Rektorat, 12 Nov 2013)

- to take advantage of university's **advisory services** for research data management
- to **publish** research data through registered research data repositories or through the university's research data repository;
  Publication should take the interests of persons and companies into account and be based on binding licensing conditions.