Data Archiving and Networked Services

NARCIS and OpenAIREplus

Aggregating and linking contextual research information in the Netherlands and Europe

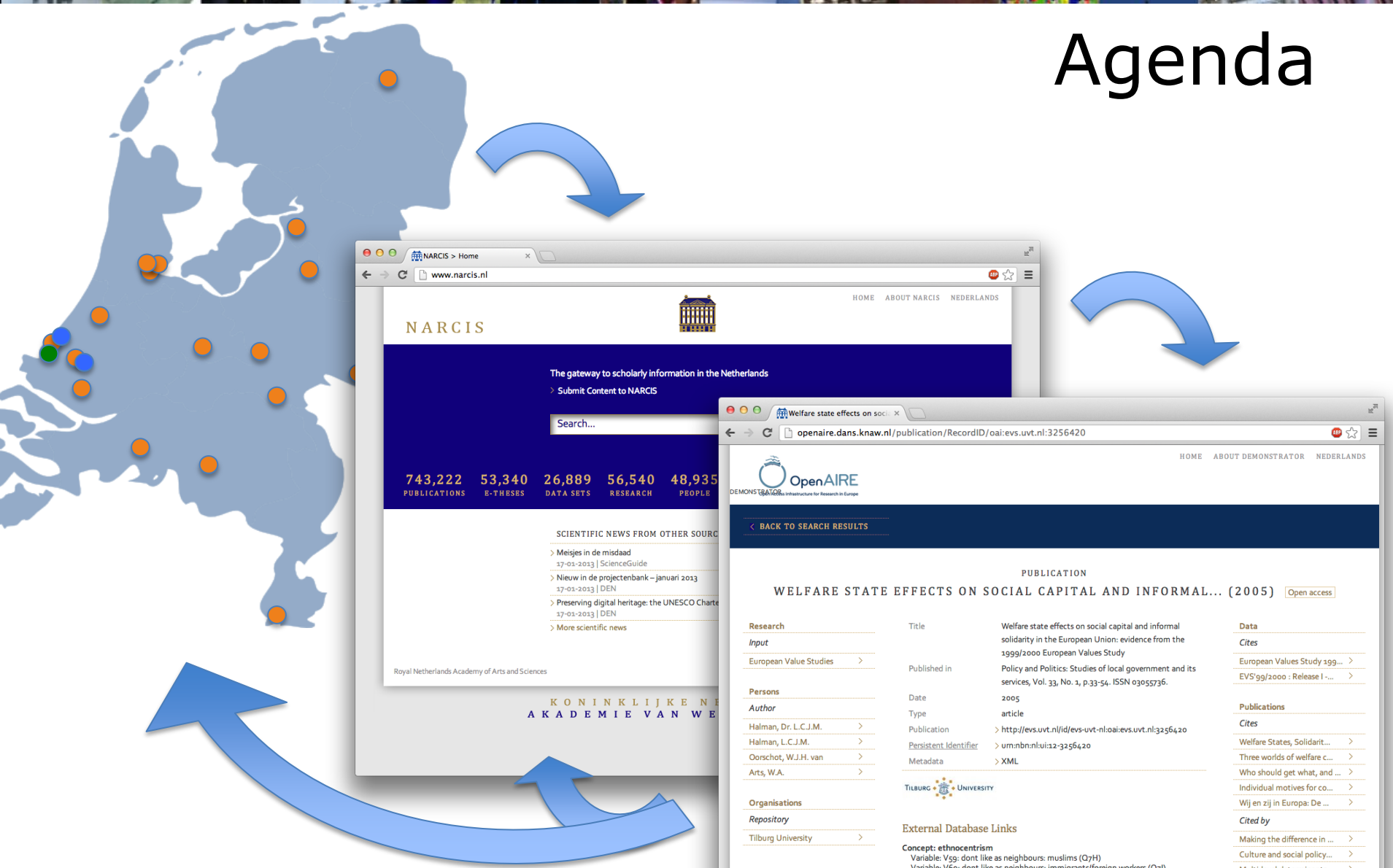
Maarten Hoogerwerf

DINI workshop
21 January 2013, Bielefeld

DANS is an institute of KNAW en NWO

OpenAIRE
Open Access Infrastructure for Research in Europe

Agenda



NARCIS > Home
www.narcis.nl
HOME ABOUT NARCIS NEDERLANDS
NARCIS
The gateway to scholarly information in the Netherlands
Submit Content to NARCIS
Search...
743,222 PUBLICATIONS
53,340 E-THESES
26,889 DATA SETS
56,540 RESEARCH
48,935 PEOPLE
SCIENTIFIC NEWS FROM OTHER SOURC
Meisjes in de misdaad
17-01-2013 | ScienceGuide
Nieuw in de projectenbank – januari 2013
17-01-2013 | DEN
Preserving digital heritage: the UNESCO Charte
17-01-2013 | DEN
More scientific news
Royal Netherlands Academy of Arts and Sciences
Welfare state effects on soci
openaire.dans.knaw.nl/publication/RecordID/oai:evs.uvt.nl:3256420
HOME ABOUT DEMONSTRATOR NEDERLANDS
OpenAIRE
DEMONSTRATOR
BACK TO SEARCH RESULTS
PUBLICATION
WELFARE STATE EFFECTS ON SOCIAL CAPITAL AND INFORMAL... (2005)
Open access
Research
Input
European Value Studies
Persons
Author
Halman, Dr. L.C.J.M.
Halman, L.C.J.M.
Oorschot, W.J.H. van
Arts, W.A.
Organisations
Repository
Tilburg University
Title
Welfare state effects on social capital and informal solidarity in the European Union: evidence from the 1999/2000 European Values Study
Published in
Policy and Politics: Studies of local government and its services, Vol. 33, No. 1, p.33-54. ISSN 03055736.
Date
2005
Type
article
Publication
http://evs.uvt.nl/id/evs-uvt-nl:oai:evs.uvt.nl:3256420
Persistent Identifier
urn:nbn:nl:ui:12-3256420
Metadata
XML
Tilburg University
External Database Links
Concept: ethnocentrism
Variable: V59: dont like as neighbours: muslims (Q7H)
Variable: V60: dont like as neighbours: immigrants/foreign workers (Q7I)
Variable: V64: dont like as neighbours: jews (Q7M)
Variable: V65: dont like as neighbours: gypsies (Q7N)
Concept: informal social solidarity
Variable: V272: are you concerned with: eldery people (Q80A)
Variable: V273: are you concerned with: unemployed people (Q80B)
Data
Cites
European Values Study 199...
EVS'99/2000 : Release I -...
Publications
Cites
Welfare States, Solidarit...
Three worlds of welfare c...
Who should get what, and ...
Individual motives for co...
Wij en zij in Europa: De ...
Cited by
Making the difference in ...
Culture and social policy...
Multi-level determinants ...
Welfare spending and the ...
The institutional embedde...

DANS

Situation before 2004

- No repositories but library website, faculty website, …
- No transparent access

DARE → SURFshare programme

- Goals
  - Setup repository infrastructure
  - Setup added-value services
  - Deposit contents

- Results
  - >25 repositories for publications
  - ~~2~~ 4 repositories for data
  - NARCIS portal, eDepot for long term preservation, persistent identifier facility
  - NARCIS integrated with Dutch Research Databank
  - Contents…

NARCIS

The gateway to scholarly information in the Netherlands

> Submit Content to NARCIS

Search... SEARCH

743,222	53,340	26,889	56,540	48,935	2,920	1,803 beta release
PUBLICATIONS	E-THESES	DATA SETS	RESEARCH	PEOPLE	ORGANISATIONS	ENHANCED PUBLICATIONS

SCIENTIFIC NEWS FROM OTHER SOURCES (DUTCH)

> Meisjes in de misdaad
17-01-2013 | ScienceGuide

> Nieuw in de projectenbank – januari 2013
17-01-2013 | DEN

> Preserving digital heritage: the UNESCO Charter and developments in the Netherlands
17-01-2013 | DEN

> More scientific news

743,222 PUBLICATIONS | 53,340 E-THESES | 26,889 DATA SETS | 56,540 RESEARCH | 48,935 PEOPLE | 2,920 ORGANISATIONS | 1,803 beta release ENHANCED PUBLICATIONS

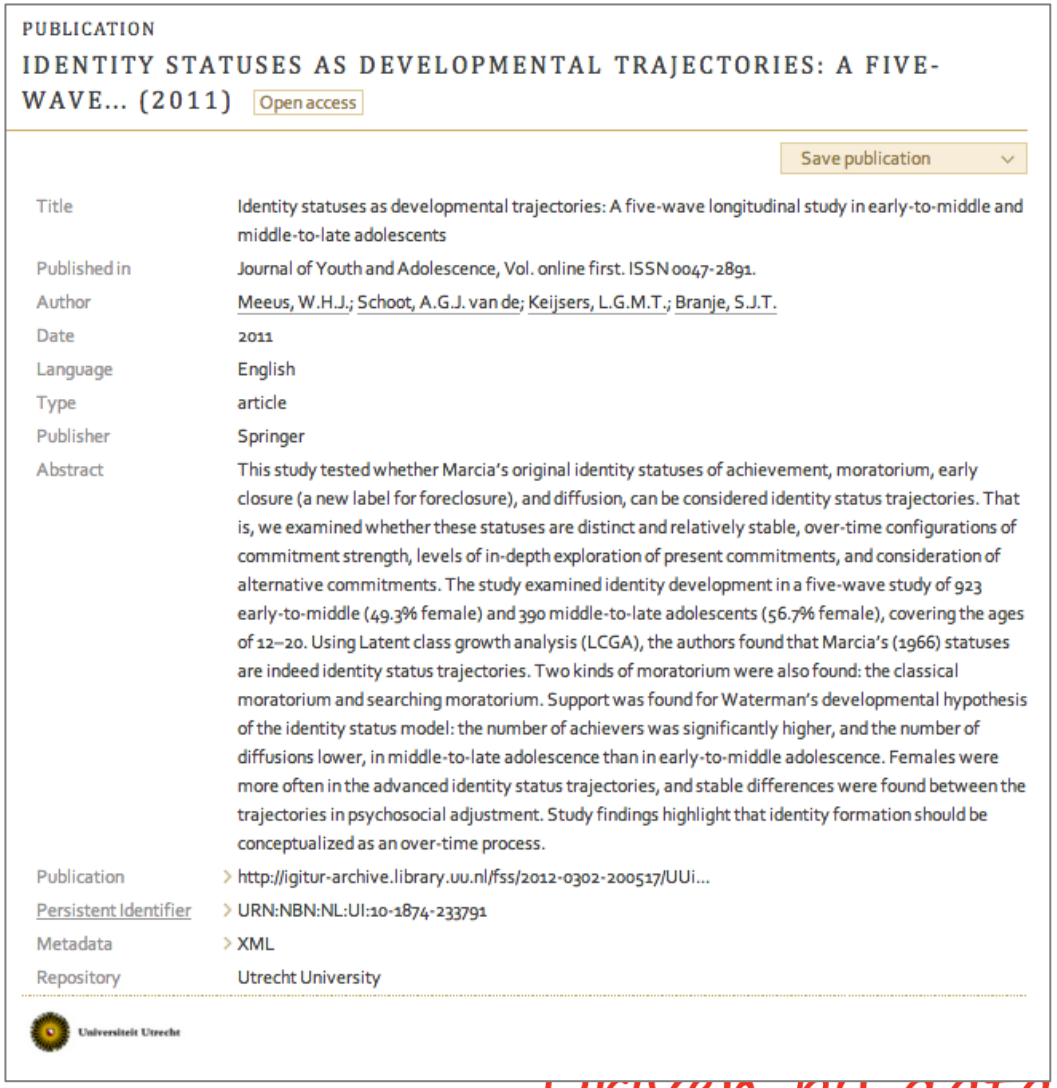
Publications, E-Theses and Data sets

Sources

- Repositories
  - Universities
  - NWO and KNAW
  - Research Institutes
  - Data Archives

Technology

- DIDL/MODS
- OAI-PMH



PUBLICATION

IDENTITY STATUSES AS DEVELOPMENTAL TRAJECTORIES: A FIVE-WAVE... (2011) Open access

Save publication

Title	Identity statuses as developmental trajectories: A five-wave longitudinal study in early-to-middle and middle-to-late adolescents
Published in	Journal of Youth and Adolescence, Vol. online first. ISSN 0047-2891.
Author	Meeus, W.H.J.; Schoot, A.G.J. van de; Keijsers, L.G.M.T.; Branje, S.J.T.
Date	2011
Language	English
Type	article
Publisher	Springer
Abstract	This study tested whether Marcia's original identity statuses of achievement, moratorium, early closure (a new label for foreclosure), and diffusion, can be considered identity status trajectories. That is, we examined whether these statuses are distinct and relatively stable, over-time configurations of commitment strength, levels of in-depth exploration of present commitments, and consideration of alternative commitments. The study examined identity development in a five-wave study of 923 early-to-middle (49.3% female) and 390 middle-to-late adolescents (56.7% female), covering the ages of 12–20. Using Latent class growth analysis (LCGA), the authors found that Marcia's (1966) statuses are indeed identity status trajectories. Two kinds of moratorium were also found: the classical moratorium and searching moratorium. Support was found for Waterman's developmental hypothesis of the identity status model: the number of achievers was significantly higher, and the number of diffusions lower, in middle-to-late adolescence than in early-to-middle adolescence. Females were more often in the advanced identity status trajectories, and stable differences were found between the trajectories in psychosocial adjustment. Study findings highlight that identity formation should be conceptualized as an over-time process.
Publication	http://igitur-archive.library.uu.nl/fss/2012-0302-200517/UUi...
Persistent Identifier	URN:NBN:NL:UI:10-1874-233791
Metadata	XML
Repository	Utrecht University

Universiteit Utrecht

DANS

Driven by data

743,222 PUBLICATIONS | 53,340 E-THESES | 26,889 DATA SETS | 56,540 RESEARCH | 48,935 PEOPLE | 2,920 ORGANISATIONS | 1,803 beta release ENHANCED PUBLICATIONS

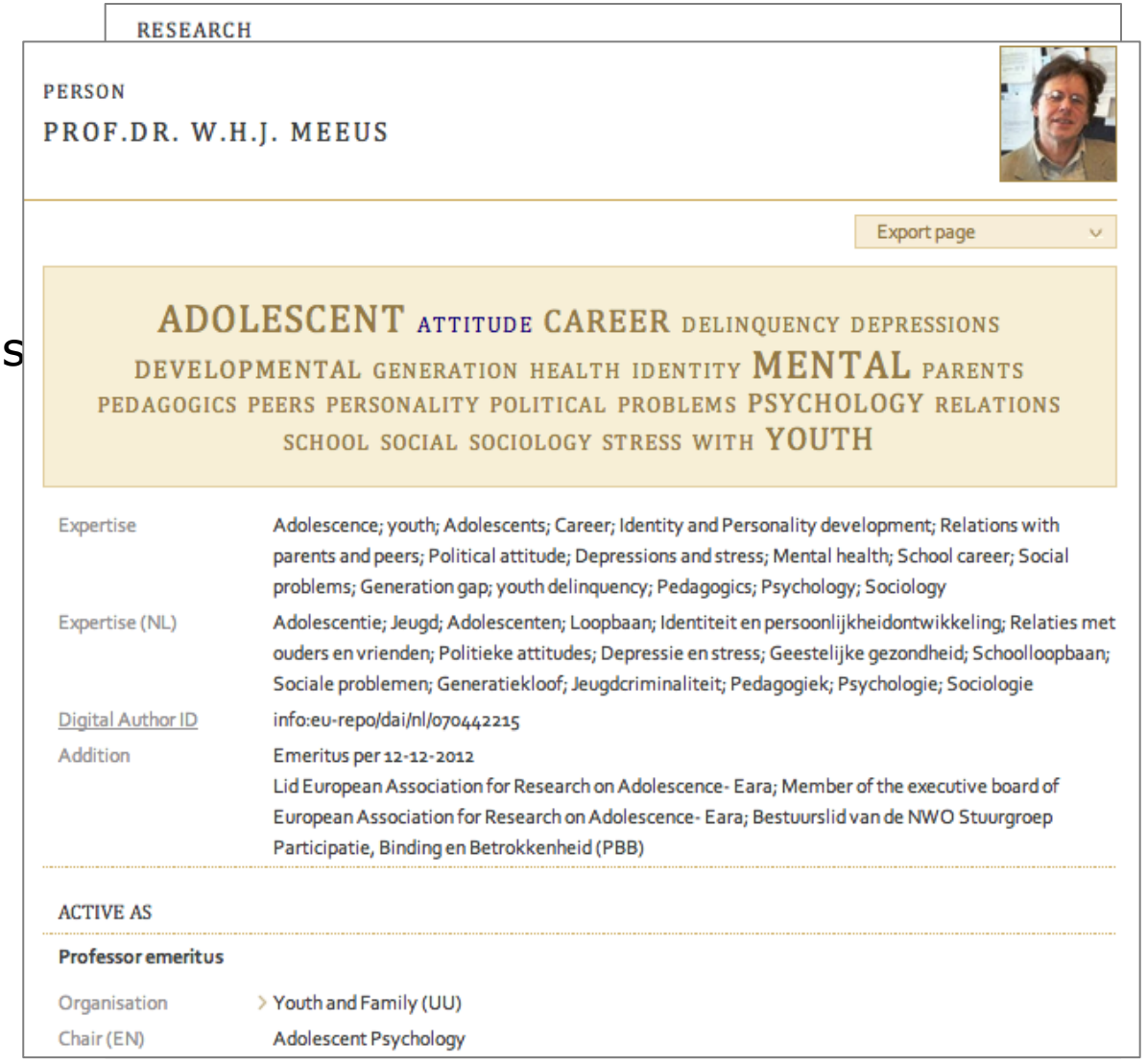
Research and People

Sources

- Administrations
  - Universities
  - NWO and KNAW
  - Research Institutes
  - Data Archives

Technology

- METIS (CRIS)
- DAI
- Export / import



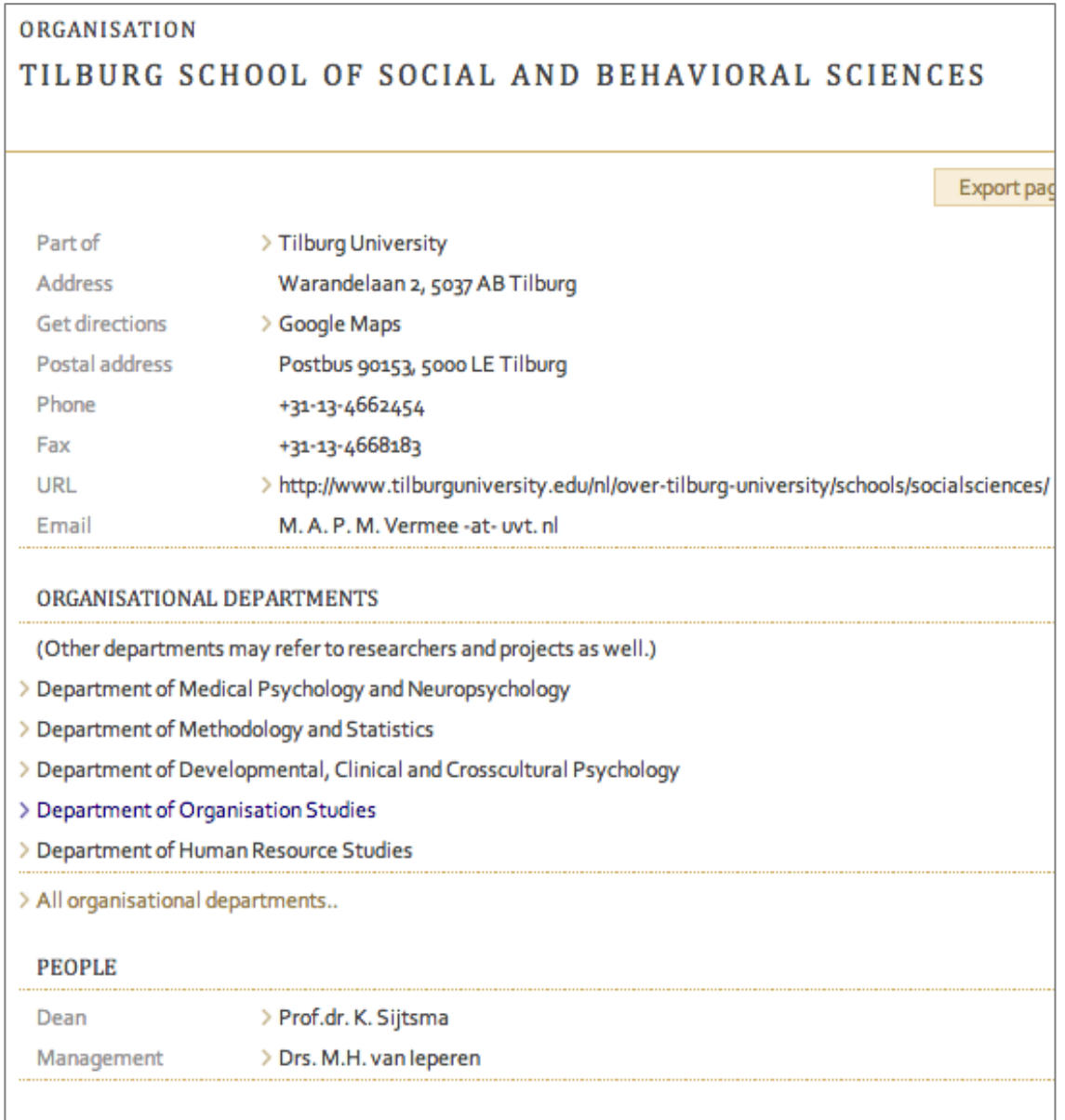
Organisations

Sources

- Organisations
  - Institutes
  - Other

Technology

- Annual survey
- **Editors**


ORGANISATION

TILBURG SCHOOL OF SOCIAL AND BEHAVIORAL SCIENCES

Export pag

Part of	Tilburg University
Address	Warandelaan 2, 5037 AB Tilburg
Get directions	Google Maps
Postal address	Postbus 90153, 5000 LE Tilburg
Phone	+31-13-4662454
Fax	+31-13-4668183
URL	http://www.tilburguniversity.edu/nl/over-tilburg-university/schools/socialsciences/
Email	M. A. P. M. Vermee -at- uvt. nl

ORGANISATIONAL DEPARTMENTS

(Other departments may refer to researchers and projects as well.)

- Department of Medical Psychology and Neuropsychology
- Department of Methodology and Statistics
- Department of Developmental, Clinical and Crosscultural Psychology
- Department of Organisation Studies
- Department of Human Resource Studies

All organisational departments..

PEOPLE

Dean	Prof.dr. K. Sijtsma
Management	Drs. M.H. van Ieperen

DANS

743,222 PUBLICATIONS | 53,340 E-THESES | 26,889 DATA SETS | 56,540 RESEARCH | 48,935 PEOPLE | 2,920 ORGANISATIONS | 1,803 beta release ENHANCED PUBLICATIONS

Enhanced Publications

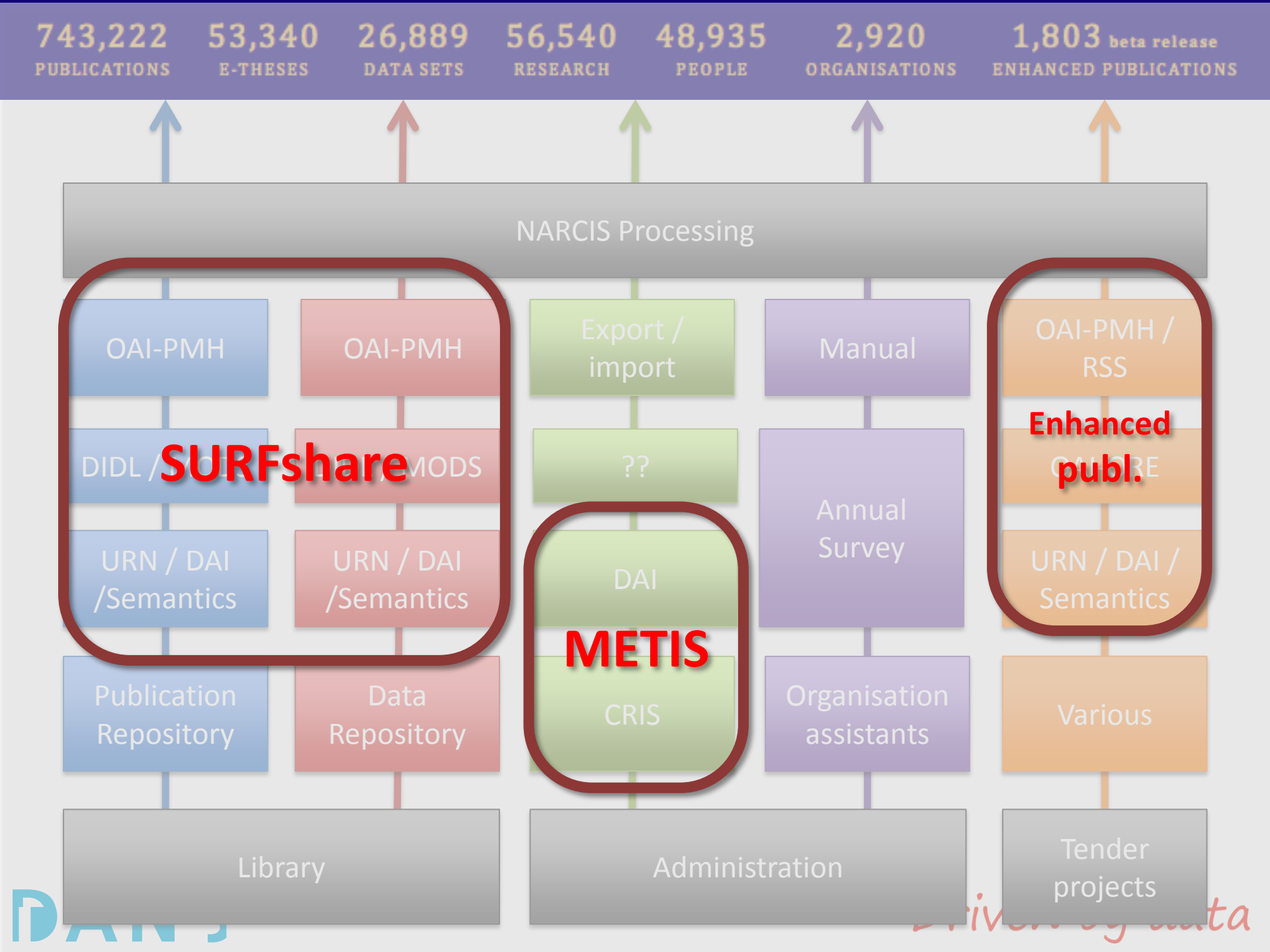
Sources

- Tender projects
  - DataPlus
  - Veteren Tapes VP
  - My Research Portal
  - …

Technology

- OAI-ORE Aggregations (RDF Resource Maps)
- URI, URN, DAI

DANS


743,222 PUBLICATIONS
53,340 E-THESES
26,889 DATA SETS
56,540 RESEARCH
48,935 PEOPLE
2,920 ORGANISATIONS
1,803 beta release ENHANCED PUBLICATIONS
NARCIS Processing
OAI-PMH
OAI-PMH
Export / import
Manual
OAI-PMH / RSS
SURFshare
Enhanced publ.
DIDL / MODS
??
Annual Survey
URN / DAI /Semantics
URN / DAI /Semantics
DAI
METIS
URN / DAI / Semantics
Publication Repository
Data Repository
CRIS
Organisation assistants
Various
Library
Administration
Tender projects

SURFshare

- Organisation
  - Coordination by SURFfoundation, operation by representatives from institutions (BIK: Policy/Innovation, WISH: Implementation Managers, WRM: Repository Managers)
  - End of SURFshare programme

- Current state
  - No perfect implementation of standards → complex services
  - Frequent reharvests, unknown deletes, duplicates
  - Machine use of information: heterogeneous identification and semantics

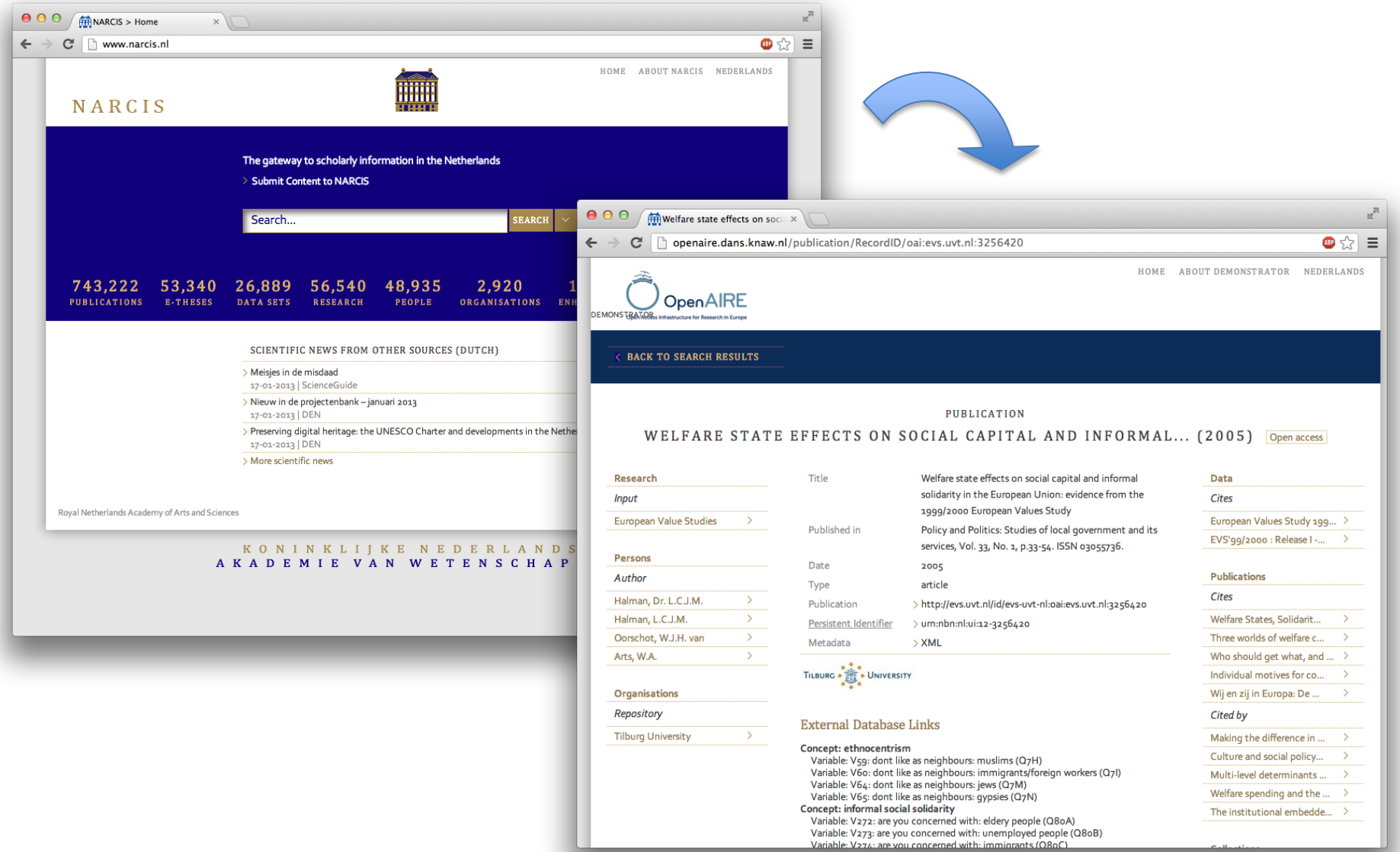
- Current activities
  - Review standards and secure them at EduStandaard
  - Common harvester for NARCIS, eDepot, NBN-Resolver & intermediate for DRIVER and OpenAIRE
  - Integrating repositories and METIS
  - Enhanced publications, deduplication, author disambiguation
  - Statistics

METIS

- Organization
  - User group, 3-monthly meetings
  - Coordination by SURF, development by UCI Nijmegen
- Current state
  - Common software METIS
  - Local implementations: different workflows, granularity, author-lists, journal-lists, …
  - No consensus on solution
- Current/Recent activities
  - Public tender for new version: expensive
  - New governance structure: little commitment
  - Incidental merging of METIS with repositories

Enhanced Publications

- Organization
  - Initiated by SURFshare
  - Various explorative projects
- Current state
  - Standards for describing aggregations using “OAI-ORE” Resource Maps and semantics
  - Heterogeneous resources, lack of granular identification, lack of durability or responsibility
  - Different levels: embedded enhancements vs metadata enhancements
- Current activities
  - Information In Context
  - What is a sustainable definition, model, implementation?
  - OpenAIREplus demonstrator



DANS

Driven by data

OpenAIREplus demonstrators

How can OpenAIRE facilitate linking of publications, data and contextual information across different disciplines?

- Latest vision of NARCIS: Information In Context
  - Transparent network of research information
  - Different perspectives: funder, data user, discovery, …
- Existing sources of discipline specific enhancements
  - Social Science: DataPlus, publications with survey variables
  - *Humanities: Veteran Tapes, publication with interview fragments*
  - *Life Sciences: Enrich publications with references from Europe PMC*

Input: Information In Context

Project In Context

Projects

Peop

Org

Metadata

……

Dataset In Context

Publications

Datasets

Publication In Context

Projects

People

Org's

Metadata about the publication

……

……

……

……

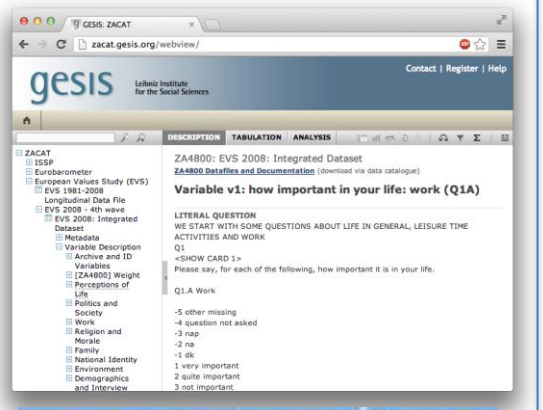
Publications

Datasets

DANS

Driven by data

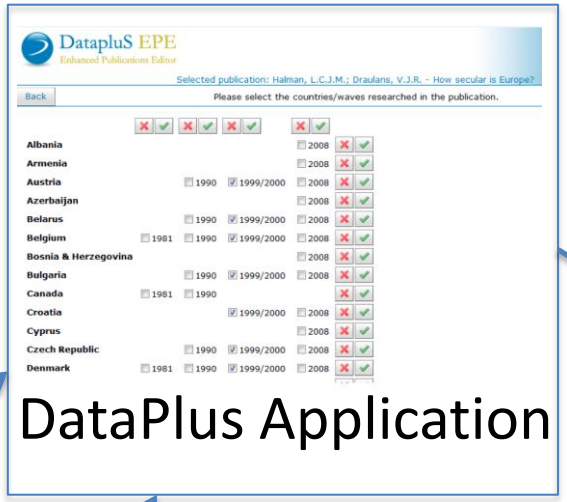
Input: DataPlus



nesstar

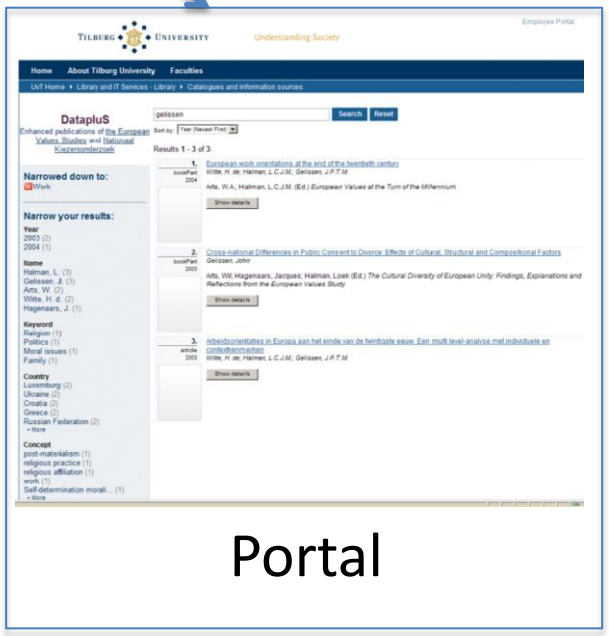
Survey concepts, variables, …

DDI3



DataPlus Application

DDI3
OAI-ORE RM



Portal

European *Values* Study

Publications

OAI-identifier
URN

DANS

Driven by data

NARCIS to OpenAIRE demonstrator

Publication In Context

Projects

People

Org's

PUBLICATION

IDENTITY STATUSES AS DEVELOPMENTAL TRAJECTORIES: WAVE... (2011) Open access

Title	Identity statuses as developmental trajectories: A five-wave longitudinal stu middle-to-late adolescents
Published in	Journal of Youth and Adolescence, Vol. online first. ISSN 0047-2891.
Author	Meeus, W.H.J.; Schoot, A.G.J. van de; Keijsers, L.G.M.T.; Branje, S.J.T.
Date	2011
Language	English
Type	article
Publisher	Springer
Abstract	This study tested whether Marcia's original identity statuses of achievement closure (a new label for foreclosure), and diffusion, can be considered identity is, we examined whether these statuses are distinct and relatively stable, over commitment strength, levels of in-depth exploration of present commitments, and consideration of alternative commitments. The study examined identity development in a five-wave study of 923 early-to-middle (49.3% female) and 390 middle-to-late adolescents (56.7% female), covering the ages of 12–20. Using Latent class growth analysis (LCGA), the authors found that Marcia's (1966) statuses are indeed identity status trajectories. Two kinds of moratorium were also found: the classical

External Database Links

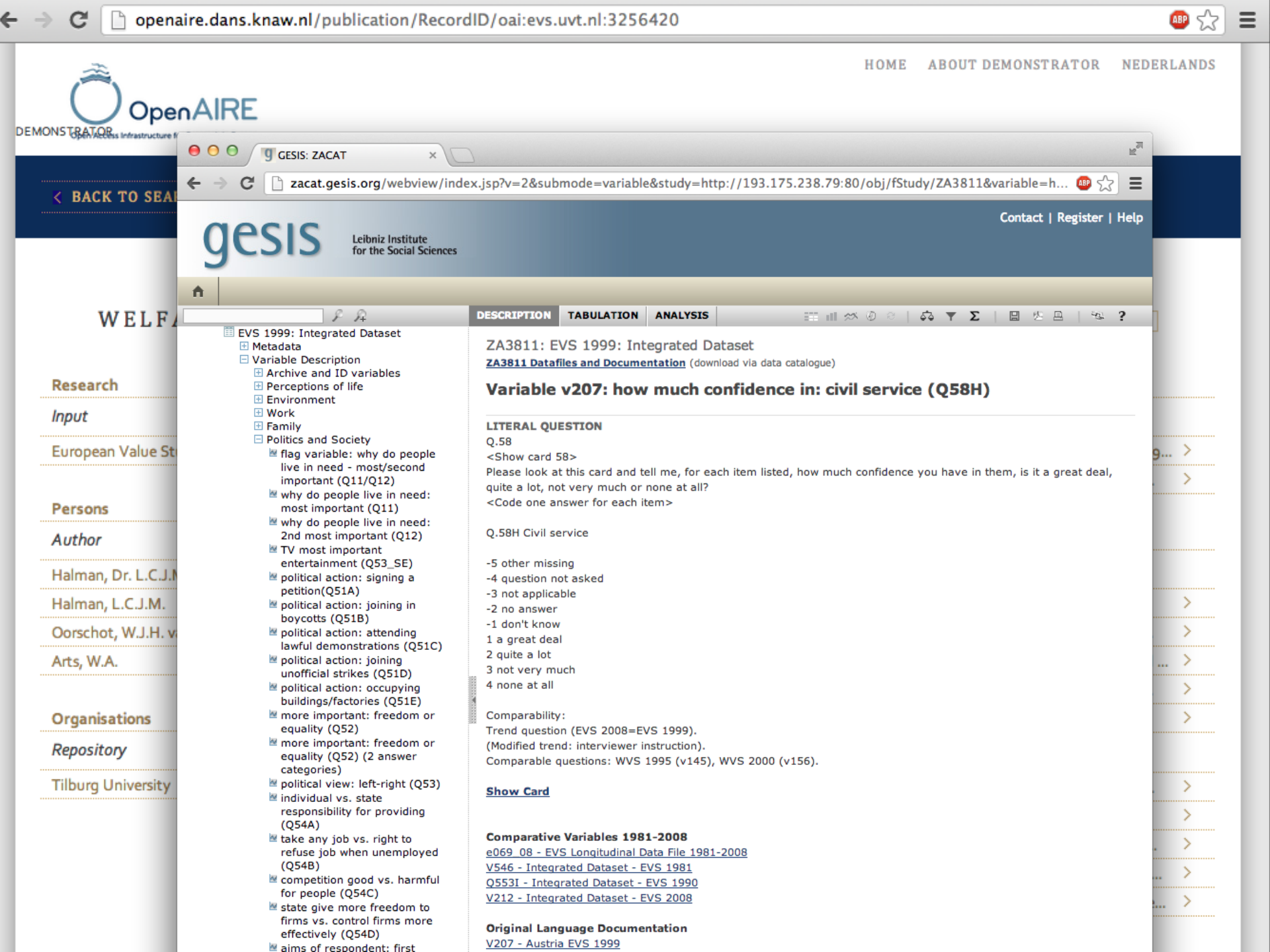
Concept: ethnocentrism
- Variable: V59: dont like as neighbours: muslims (Q7H)
- Variable: V60: dont like as neighbours: immigrants/foreign workers (Q7I)
- Variable: V64: dont like as neighbours: jews (Q7M)
- Variable: V65: dont like as neighbours: gypsies (Q7N)

Concept: informal social solidarity
- Variable: V272: are you concerned with: eldery people (Q80A)
- Variable: V273: are you concerned with: unemployed people (Q80B)

```
<http://www.narcis.nl/publication/RecordID/oai:
      a                  type:publication ;
      doap:title         "Welfare state effects
      doap:author        dai:072623896 ;
      doap:author        dai:073176346 ;
      doap:author        dai:DUMMY0004 ;
      doap:project       project:OND1236147 ; #E
      doap:legal         "Legal information coul
      doap:provenance    "Data collected for the
      doap:provenance    <http://www.centerdata.
      doap:provenance    "all relations between
      doap:dataset       <http://www.narcis.nl/d
      doap:specific      <http://evs.place.pukur
      doap:cites         <http://www.narcis.nl/p
RecordID/oai:wo.uvt.nl:84519>, <http://www.narc
      doap:cited_by      <http://www.narcis.nl/p
oai:wo.uvt.nl:358855>, <http://www.narcis.nl/pu
```

DANS

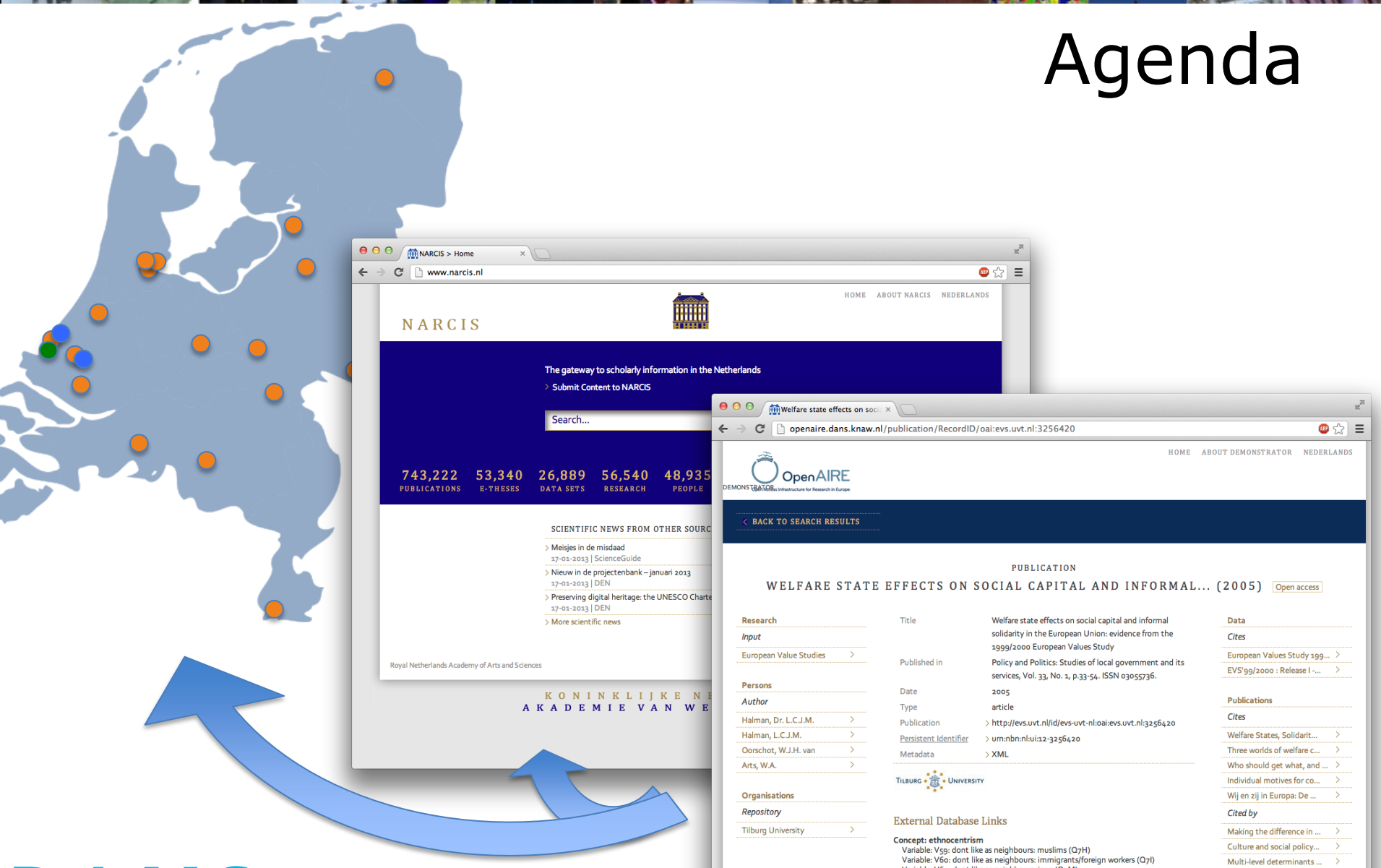
riven by data


openaire.dans.knaw.nl/publication/RecordID/oai:evs.uvt.nl:3256420
HOME
ABOUT DEMONSTRATOR
NEDERLANDS
OpenAIRE
DEMONSTRATOR
BACK TO SEA
WELFA
Research
Input
European Value St
Persons
Author
Halman, Dr. L.C.J.M
Halman, L.C.J.M.
Oorschot, W.J.H. v
Arts, W.A.
Organisations
Repository
Tilburg University
GESIS: ZACAT
zacat.gesis.org/webview/index.jsp?v=2&submode=variable&study=http://193.175.238.79:80/obj/fStudy/ZA3811&variable=h...
gesis
Leibniz Institute
for the Social Sciences
Contact | Register | Help
DESCRIPTION
TABULATION
ANALYSIS
EVS 1999: Integrated Dataset
Metadata
Variable Description
Archive and ID variables
Perceptions of life
Environment
Work
Family
Politics and Society
flag variable: why do people live in need - most/second important (Q11/Q12)
why do people live in need: most important (Q11)
why do people live in need: 2nd most important (Q12)
TV most important entertainment (Q53_SE)
political action: signing a petition(Q51A)
political action: joining in boycotts (Q51B)
political action: attending lawful demonstrations (Q51C)
political action: joining unofficial strikes (Q51D)
political action: occupying buildings/factories (Q51E)
more important: freedom or equality (Q52)
more important: freedom or equality (Q52) (2 answer categories)
political view: left-right (Q53)
individual vs. state responsibility for providing (Q54A)
take any job vs. right to refuse job when unemployed (Q54B)
competition good vs. harmful for people (Q54C)
state give more freedom to firms vs. control firms more effectively (Q54D)
aims of respondent: first
ZA3811: EVS 1999: Integrated Dataset
ZA3811 Datafiles and Documentation (download via data catalogue)
Variable v207: how much confidence in: civil service (Q58H)
LITERAL QUESTION
Q.58
<Show card 58>
Please look at this card and tell me, for each item listed, how much confidence you have in them, is it a great deal, quite a lot, not very much or none at all?
<Code one answer for each item>
Q.58H Civil service
-5 other missing
-4 question not asked
-3 not applicable
-2 no answer
-1 don't know
1 a great deal
2 quite a lot
3 not very much
4 none at all
Comparability:
Trend question (EVS 2008=EVS 1999).
(Modified trend: interviewer instruction).
Comparable questions: WVS 1995 (v145), WVS 2000 (v156).
Show Card
Comparative Variables 1981-2008
e069_08 - EVS Longitudinal Data File 1981-2008
V546 - Integrated Dataset - EVS 1981
Q553I - Integrated Dataset - EVS 1990
V212 - Integrated Dataset - EVS 2008
Original Language Documentation
V207 - Austria EVS 1999

Lessons Learned OpenAIREplus demonstrator

- Confusion on abstract terms
- Disciplines are heterogeneous
- Disciplines share web infrastructure
- Shared information, shared responsibilities

Agenda


NARCIS > Home
www.narcis.nl
HOME ABOUT NARCIS NEDERLANDS
NARCIS
The gateway to scholarly information in the Netherlands
Submit Content to NARCIS
Search...
743,222 PUBLICATIONS
53,340 E-THESES
26,889 DATA SETS
56,540 RESEARCH
48,935 PEOPLE
SCIENTIFIC NEWS FROM OTHER SOURCES
Meisjes in de misdaad
17-01-2013 | ScienceGuide
Nieuw in de projectenbank – januari 2013
17-01-2013 | DEN
Preserving digital heritage: the UNESCO Charter
17-01-2013 | DEN
More scientific news
Royal Netherlands Academy of Arts and Sciences
openaire.dans.knaw.nl/publication/RecordID/oai:evs.uvt.nl:3256420
HOME ABOUT DEMONSTRATOR NEDERLANDS
OpenAIRE
DEMONSTRATOR
BACK TO SEARCH RESULTS
PUBLICATION
WELFARE STATE EFFECTS ON SOCIAL CAPITAL AND INFORMAL... (2005)
Open access
Research
Input
European Value Studies
Persons
Author
Halman, Dr. L.C.J.M.
Halman, L.C.J.M.
Oorschot, W.J.H. van
Arts, W.A.
Organisations
Repository
Tilburg University
Title
Welfare state effects on social capital and informal solidarity in the European Union: evidence from the 1999/2000 European Values Study
Published in
Policy and Politics: Studies of local government and its services, Vol. 33, No. 1, p.33-54. ISSN 03055736.
Date
2005
Type
article
Publication
http://evs.uvt.nl/id/evs-uvt-nl:oai:evs.uvt.nl:3256420
Persistent Identifier
urn:nbn:nl:ui:12-3256420
Metadata
XML
Tilburg University
External Database Links
Concept: ethnocentrism
Variable: V59: dont like as neighbours: muslims (Q7H)
Variable: V60: dont like as neighbours: immigrants/foreign workers (Q7I)
Variable: V64: dont like as neighbours: jews (Q7M)
Variable: V65: dont like as neighbours: gypsies (Q7N)
Concept: informal social solidarity
Variable: V272: are you concerned with: eldery people (Q80A)
Variable: V273: are you concerned with: unemployed people (Q80B)
Data
Cites
European Values Study 199...
EVS'99/2000 : Release I -...
Publications
Cites
Welfare States, Solidarit...
Three worlds of welfare c...
Who should get what, and ...
Individual motives for co...
Wij en zij in Europa: De ...
Cited by
Making the difference in ...
Culture and social policy...
Multi-level determinants ...
Welfare spending and the ...
The institutional embedde...

DANS

Lessons for community

- Funders want output deposited
- Organizations want to be acknowledged
- Authors need to be identified
- Enhancements or data citation?
- Disciplines are organizing themselves

Conclusions

- Many opportunities
- Commitment and agreement is the challenge
- Technology is the enabler

Disclaimer: This is an attempt for a more structured approach to integrate research information. Results and conclusions are based on single demonstrators. They should be tested, discussed and adapted for different disciplines and different stakeholders.

Thank you

Questions?

maarten.hoogerwerf@dans.knaw.nl

http://openaire.dans.knaw.nl (user/pass: openaire/openaire, go to “about” page)

http://129.70.12.31/oademonstrator/