Data Publishing, Data Journals and Long-Term Preservation of the Scholarly Record:

Some experiences in The Netherlands

Peter Doorn, Director DANS

@dansknaw  @pkdoorn

Standing on the Digits of Giants: Research data, preservation and innovation, Tuesday 8 March, London
What is DANS?

Institute of Dutch Academy and Research Funding Organisation (KNAW & NWO) since 2005

Mission: promote and provide permanent access to digital research information

First predecessor dates back to 1964 (Steinmetz Foundation), Historical Data Archive 1989
DANS data services

EASY: long-term Electronic Archiving System for self-deposit

DataverseNL for short/intermediate term storage

NARCIS: Gateway to scholarly information in the Netherlands
Open if possible, protected if necessary

DANS promotes sustained access to digital research data files and encourages researchers to archive and reuse data.
History of our ideas about data publishing

1. “Data Marketing” project over 20 years ago
   – Standard metadata in the archive is boring
   – How to present data better?
2. Data presentation in the DANS EASY archive
   – How to highlight hidden data treasures?
   – Jump-off pages to advertise collections
3. Enhanced publications
   – Linking publications and data to other information
   – Veteran tapes (“enhanced book”)
   – JALC (Journal for Archaeology in the Low Countries)
4. CLARIAH project
   – Promote Data Availability Policies
   – Explore potential of data journals
   – Promote data sharing and citation of data
1: early 1990s
2: c. 2008
3: 2010 - 2011
4: 2013-2014
Enhanced Book: Veteran Tapes (oral history)

Sound fragment + transcript

Persistent link to sound file in archive

Data Archiving and Networked Services

DANS
Stimulate data depositors to publish data papers

Get exposure and credit for your data: write a data paper for the new peer reviewed, online-only open access Research Data Journal (published by Brill)

For more info: check brill.com/rdj

brill.com/rdj
Data Archive and Data Journal

Data Archive:
- Reuse
- Replication

What is the added value of a Data Journal?
**Added value of Data Journal:**

**Research Data Journal:**
- showcasing data sets
- quality control
- credits for data gathering

*through:*
- data papers
- data reviews
A data paper describes the research context of a data set, not the research question is the central problem.
Data paper refers to research data in Trusted Archive

Since the beginning of the twentieth century historians have argued either for or against the crucial role of these immigrant entrepreneurs in the rise of Amsterdam as the hub of world trade around 1600. Those who claim an important role for the immigrants have more or less repeated the ideas that were formulated at the beginning of the twentieth century. In their view, the new merchants were endowed with a capitalist spirit, large amounts of liquid capital, modern trading techniques, extensive commercial networks and a specialisation in specific, often high-value products.

Those who deny a crucial role to the immigrant merchants stress a number of earlier developments that favoured Amsterdam after 1680: the specialization of Dutch agriculture which made labour from the country side available to the cities, the leading role of the city in the Baltic trade and the large merchant fleet. One could add the excellent geographical position of Amsterdam between northern and southern Europe and the virtual independence of the Dutch Republic from the Habsburg Empire after 1590.

Data deposited in trusted archive
DOI: 10.17026/dans-zcd-mebh
Added functionality of RDJ

Variety of (interactive) data visualization,

... (animated) illustrations,

online data exploration
Device independent

RDJ: published for all devices

desktop

smartphones

Tablets

...serving a generation of ‘digital natives’

and perhaps later push notifications on a smartwatch
From DANS Data Journal to RDJ for the Humanities and Social sciences

- To an international editorial board
  - IISG
  - UK Data Archive
  - ...

- DANS to pay for the Article Processing Charges in startup phase

- Thematic subjects to grow organically

- Collaboration with renowned international publisher Brill
Research Data Journal for the Humanities and Social Sciences

Edited by Peter Doorn, Data Archiving and Networked Services (DANS) and Leen Breure, SciMedia

NOW AVAILABLE - Online submission: Articles for publication in Research Data Journal for the Humanities and Social Sciences can be submitted online through Editorial Manager, please click here.

Research Data Journal for the Humanities and Social Sciences (RDJ) is a peer reviewed e-only open access journal, which is designed to comprehensively document and publish deposited data sets and to facilitate their online exploration. In this way it wants to contribute to transparency of research, accelerate dissemination and foster reuse. The journal concentrates on the Humanities and Social Sciences, covering history, archaeology, language and literature in particular. The publication languages are English and Dutch. The RDJ contains data papers: scholarly publications of medium length (with a maximum of 2500 words) containing a non-technical description of a data set and putting the data in a research context. A data paper gets a persistent identifier and provides publication credits to the author, who is usually (but not necessarily) also the data depositor. Research Data Journal for the Humanities and Social Sciences is published in collaboration with Data Archiving and Networked Services (DANS).

http://www.brill.com/rdj
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http://dx.doi.org/10.17632/xpysvdr78h3

Archive

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peter.doorn@dans.knaw.nl

Some slides prepared by Leen Breure