



European
University
Institute

LIBRARY

Integrating Data Collections with Open Data Resources: a communication-centered approach

Thomas Bourke

UNECE, 30 June 2017

European University Institute



- Founded in 1976
- Located near Florence
- 55 Professors & 30 Part-time Professors
- 100 post-doctoral Fellows
- 575 PhD candidates
- Economics, Law, Sociology, Political Science, History



Multiple Communities

- Official Statistics producers
- Data publishers (commercial)
- Data users
- Researchers as data creators
- Data repositories
- ICT community
- Library community



Research library priorities

- Centrality of data user
- Heterogeneous data resources
 - Relevance
 - Quality





Dissemination

- Research libraries re-disseminate
 - (i) official statistics (including micro)
 - (ii) commercially-subscribed data
 - (iii) open research data



Library perspective

Restricted – free

eg. micro data

Open – free

eg. official statistics

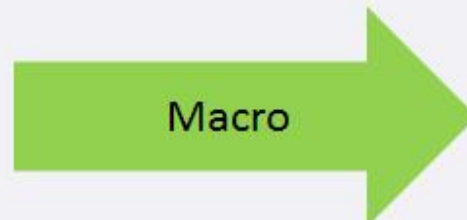
Restricted – paid

eg. financial data

Open – paid

eg. fremium

Restricted / Open





Financial & micro data

FINANCIAL TIMES

EUROPE Thursday September 18 2008

Global banks in crisis

Full coverage of the market turbulence: NEWS Pages 2-6 COMMENT Page 15
LEX Page 18 MARKETS Pages 34-36 ONLINE www.ft.com/crisis

Manager of the year World Business Navigator

Credit panic hits historic levels



News Briefing
EDF considers bid for Constellation Energy
 Electricite de France is considering a bid for US power generation company as it prepares to launch a revamped utility unit after an 18-month takeover of Constellation Energy. Page 10

EU chief duty plea
 Jean-Claude Juncker says he will not resign as EU chief executive against claims from Clinton and Sarkozy. Page 11

Rate talks on Britain
 Bank of England governor Mervyn King says he is unlikely to be asked by the Treasury to raise the base rate since the current rate, which is 5.75%, is already higher than the rate that would be needed to bring the economy to a halt. Page 12

Syrian Arafat hopes
 Syria's president Bashar al-Assad says he will not support Arafat's return to power. Page 13

Obama funds parole
 A bill to fund the parole of prisoners in the US has passed the House. Page 14

Market prelude: SPO
 Futures markets are up as investors bet on a recovery in the US. Page 15

Boards hit 16
 Sixteen companies have been hit by the crisis. Page 16

Elby urges probe
 The UK's Competition Commission is urged to probe the merger of British Airways and Virgin Atlantic. Page 17

US Treasury yields
 Lowest since 1941

Leading between banks grinds to halt

Morgan Stanley
 Shares were down 37 per cent by Monday in New York

Lehman Brothers
 Barclays polishes option with purchase of broker-dealer arm

The Short View
 Six things we have been asked to believe

The day in summary
 Dow ends 100-point decline

Global markets
 Three-month Treasury bill yield 0.05%
 FTSE 100 -2.25%
 S&P 500 -2.59%

IBOS
 Liquis T59 racing to rescue UK's largest mortgage lender

Oil prices
 Oil prices are down as investors bet on a recovery in the US.

Gold prices
 Gold prices are up as investors bet on a recovery in the US.

Commodity prices
 Commodity prices are up as investors bet on a recovery in the US.

Stock prices
 Stock prices are down as investors bet on a recovery in the US.

Bond prices
 Bond prices are up as investors bet on a recovery in the US.

Real estate prices
 Real estate prices are down as investors bet on a recovery in the US.

Art prices
 Art prices are down as investors bet on a recovery in the US.

Collectible prices
 Collectible prices are down as investors bet on a recovery in the US.

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 Commodity prices are up as investors bet on a recovery in the US.

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CRC eduLIFE

EE Elgar

Edited by Hans-Peter Blossfeld, Sandra Buchholz, Jan Skopek and Moris Triventi

Models of Secondary Education and Social Inequality

An International Comparison

eduLIFE Lifelong Learning

Six things we have been asked to believe

Integrating Library roles

- Universities are working to create synergies between traditional 'data collection' roles and newer 'data service' roles

Data 'collection' focus

Licensed data

Data deposit

ear

Data 'service' focus

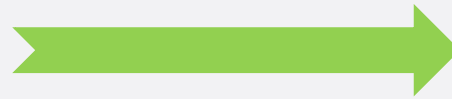
Research data management

Data repositories

tical



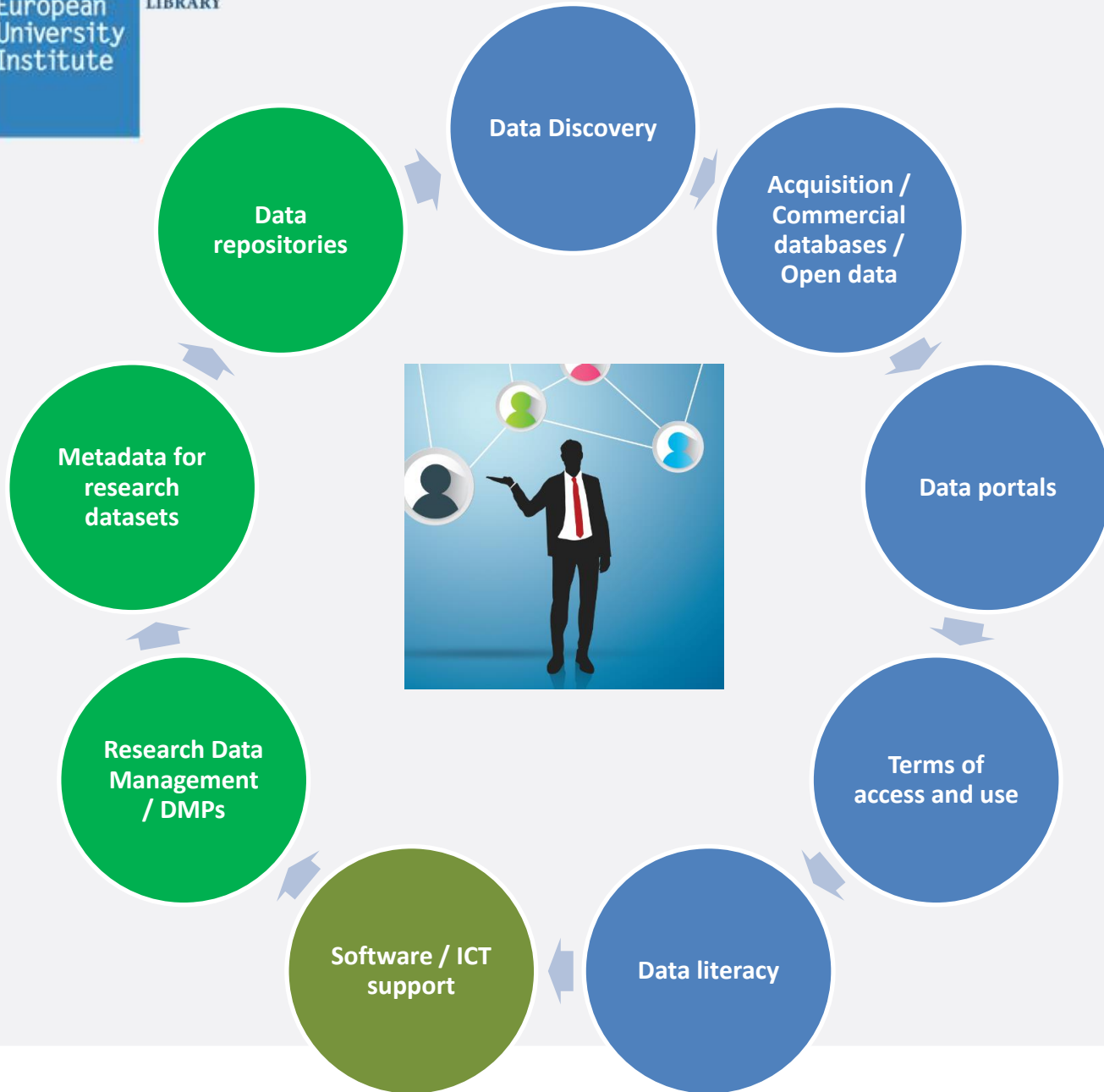
Traditional research library roles



Acquisition/ deposit	Serials maintenance	Paper / CDs DVD / Databases	Cataloguing/ classification	Terms & conditions of access and use	Reference support	Preservation
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New library roles

- ‘Mixed’ portals - paid and free resources
- Data literacy
- Recognising researchers as data creators
- Research data management / DMPs
- Metadata assistance
- Repositing / preserving



Economic and Data Information Services

▪ For information, contact Thomas Bourke: econlibrary@eui.eu

Economics

- Library Catalogue
- Economics Journals
- Economics Books
- Book Delivery Service
- Economics Working Papers
- Departmental Library Services
- Books & Data Manuals in Departmental Library

Global Financial Data



EUI members now have access to the [Global Financial Database](#) providing long-range financial data on stocks, bonds, bills and other instruments; covering approximately 200 countries from the medieval period to present. Full details are on the Library's [EUI GFD resource page](#).

Statistical Data

- Data Portal
- Macro Data
- Micro Data
- EU & Euro Area Data
- Data Services and EUI ResData
- Terms and Conditions of Use
- Library Welcome Page for 2017-18 Economists

Research Data Services

DATA SERVICES Research data services are introduced on [this Library page](#). The workflow for the (beta) [EUI ResData repository](#) for sharing and archiving EUI-generated datasets is now available [online](#). The 2017 edition of the [Library Research Data Guide](#) was published on 8 May. For weekly news about data resources, sign up for the [Data e-Bulletin](#). Databases are accessible via the [Library Data Portal](#).

- About the Library
- Catalogue
- New Acquisitions
- Collections
- Electronic Resources
- Research Guides**
 - **Economics**
 - Departmental Library
 - Statistical Data
 - Economics Books
 - Economics WPs
 - Data Support Services
 - Economic News
 - European Union Information
 - History & Civilization
 - Law
 - Political & Social Sciences
- Request Forms
- Services & Facilities
- Cadmus, EUI Repository
- Library Blog
- Library Twitter
- Virtual Journal Display
- FAQs
- People



Library Data Portal, Data Services and ResData Repository

For research data support please contact *Thomas Bourke*

DATA PORTAL

The EUI Library [Data Portal](#) provides access to Library-licensed macroeconomic, micro-socioeconomic and Europe-related databases. 76 resource guides provide information on data variables, coverage, user networks, online manuals and terms and conditions of use. The [Data Portal](#) also provides details about the Library's restricted micro data server.

DATA SERVICES

Click below for EUI Library data services including; research data management (RDM); data management plans (DMPs); data support for Horizon 2020 projects; metadata and data documentation; preservation and open data. For data support, please write to econlibrary@eui.eu or visit one of the two information desks: (BF-085) or (VLF-035).

EUI RESDATA

From May 2017, EUI members can submit their research datasets for inclusion in the EUI [ResData](#) repository - a solution for sharing and archiving EUI research data outputs. ResData is based on the DSpace infrastructure. Full details - and the online form for submitting details about a dataset for deposit - are on [this Library page](#).



1. EUI LIBRARY DATA PORTAL AND DATA DISCOVERY

The Library maintains an indexed [Data Portal](#) providing access to both (i) licensed data resources for EUI members and (ii) open data resources relevant to EUI research themes. There are three sub-directories: macroeconomic data; micro-socioeconomic data and Europe-related data.

- [Macroeconomic](#) databases provide statistics on national, regional and global economic and political-economic developments from international institutions and data publishers, including Thomson Reuters, ECB, Standard & Poor's; Eurostat, OECD, IMF and World Bank
- [Micro-socioeconomic](#) databases provide individual, family, household-level and company data observations. Major providers include GESIS, ICPSR, Bureau van Dijk, UKDS, Eurostat and DIW. Access to micro data on the EUI Library restricted data server requires additional registration.
- [European, EU and Euro Area](#) data resources provide macroeconomic, micro-socioeconomic and financial data for research on pan-European topics, EU states, European sub-state regions, the Euro area and Europe in global context.



Economic and Social Data Portal

• For support please contact [Thomas Bourke](#)

Macroeconomic data	Micro-socioeconomic data
Macro short descriptions	Micro short descriptions
Banking data - SNL Financial	Adult Education Survey - Eurostat
Central and Eastern European data	Amadeus European company data
ComExt: Intra- and Extra-EU trade	Competitiveness Research Network (CompNet) Europe
Comparative constitutions data	Consumer Expenditure Survey (USA)
Comparative Political Data Sets	Current Population Survey (USA)
Cross-National Time-Series	DNB Household Survey (Netherlands)
Data Repositories Registry - re3data.org	DReMM migration data
Datastream - Thomson Reuters	ECRI European household lending data
Demographic Yearbook - UN	EU-LFS: Labour Force Survey
Direction of Trade Statistics - IMF	EU-SILC: Statistics on Income & Living Conditions
Electoral and parliamentary data	EUDO data on European democracy
EUI open data registry	Eurobarometer surveys
European Capital Markets Institute (ECMI) data	EUROMOD tax and benefits simulator
European Central Bank data	European Community Household Panel
European Data Portal (EC)	European Social Survey
European regional (sub-state) data	European Values Study
Eurostat data	Eurostat Micro public use files
Eurostat Yearbook	German Socio-Economic Panel data

DATA PORTAL

Classification of data
Conditions of use
Data protection
Data repository (beta)
Data services
Data software manuals
Data news @ sign up
Economic research resources
EUI research data registry
European, EU & Euro Area data
Horizon 2020 data support
List of data resources (Excel)
Loading data for Windows
Macroeconomic data directory
Micro-socioeconomic data directory
One-stop guide
Open data
re3data repository registry
Registration for micro data



EUI ResData repository: archiving and sharing datasets

- ▶ EUI members can submit their research datasets for inclusion in the [EUI ResData repository](#) (launched 8 May 2017).
- ▶ The first step is to complete the form below. The Library will make an appointment for data transfer later.
- ▶ By submitting this form, EUI members acknowledge that the dataset for deposit is the output of original data collection and elaboration; or is the output of significant, value-added, elaboration of pre-existing sources.
- ▶ This form may also be used to submit a dataset for inclusion in the EUI's [Zenodo](#) data collection. The Library will provide case-by-case advice on which repository is suitable.

EUI *ResDATA*

GUIDELINES

Dataset Creator(s)

- ▶ Datasets presented for inclusion in the [EUI ResData repository](#) must be the output of research by a current EUI member or research team.
- ▶ The name of the Principal Investigator, researcher(s), and - if applicable - technical collaborator(s) who created the dataset, must be provided. EUI email contacts must be indicated.
- ▶ If the project is undertaken in the context of a consortium, the name of the Data Manager should be provided (if different from the Principal Investigator).

Dataset as original work and source(s) of data

- ▶ Dataset creators must certify that their work complies with the [Code of Ethics in Academic Research](#) of the European University Institute.
- ▶ Scholars will be required to sign a [declaration](#) that they are creators of the dataset being presented for deposit, and that the dataset is the output of original data collection and elaboration; or is the output of significant, value-added, elaboration of pre-existing sources.
- ▶ The source(s) of the data must be indicated. If the dataset is the output of original data collection and elaboration, details must be provided. If the dataset is derived from pre-existing sources, those sources must be clearly indicated (data creator, institutional source, publisher).

Permission to share dataset as open data

- ▶ [Classification of data](#)
- ▶ [Conditions of use](#)
- ▶ [Data Portal](#)
- ▶ [Data protection](#)
- ▶ [Data repository \(beta\)](#)
- ▶ [Data services](#)
- ▶ [Data software manuals](#)
- ▶ [Data news @ sign up](#)
- ▶ [Economic research resources](#)
- ▶ [EUI research data registry](#)
- ▶ [European statistical data](#)
- ▶ [Horizon 2020 data support](#)
- ▶ [List of data resources \(Excel\)](#)
- ▶ [Loading data for Windows](#)
- ▶ [Macroeconomic data](#)
- ▶ [Micro-socioeconomic data](#)
- ▶ [One-stop guide](#)
- ▶ [Open data](#)
- ▶ [re3data repository registry](#)
- ▶ [Registration for micro data](#)
- ▶ [Remote computing / Citrix](#)
- ▶ [ResData \(beta\)](#)
- ▶ [Research Data Guide 5.0](#)
- ▶ [Research software](#)
- ▶ [Research software manuals](#)
- ▶ [Research software support](#)
- ▶ [Restricted server: micro data](#)
- ▶ [Socioeconomic data](#)
- ▶ [Software manuals](#)
- ▶ [Terms and conditions of use](#)
- ▶ [Welcome!](#)



Dissemination, use, elaboration, new dataset outputs





Challenges

- Communication
- Dissemination
- Infrastructure

Quality

- Eurostat and the broader European Statistical System "see quality as the basis of our competitive advantage in a world experiencing a growing trend of instant information which often lacks the necessary proof or quality."

Walter Radermacher

Conference of European Statistics Stakeholders (CESS)

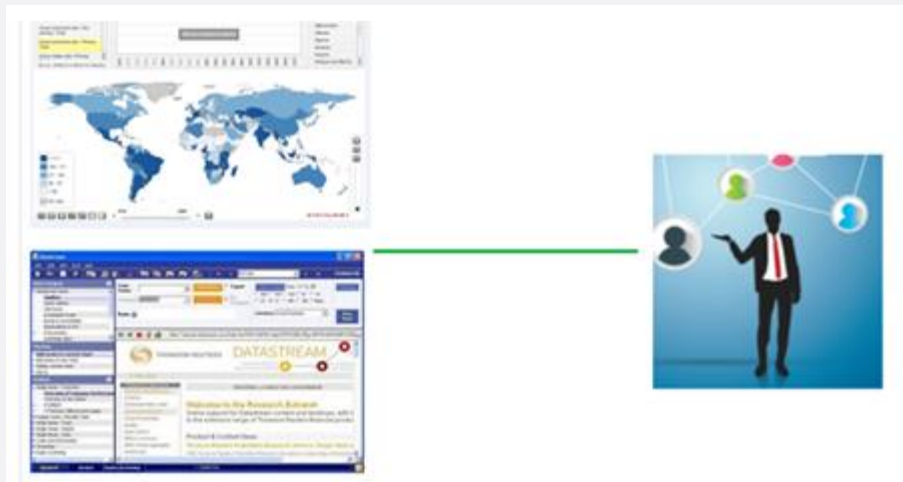
Budapest, 20 October 2016

Communication

- Strengthen the dialogue:
 - Official statistics producers (including micro)
 - Commercial data publishers
 - Research data / open data community

Dissemination

- Strengthen the relationship:
 - Official statistics agencies
 - Data publishers
 - Research repository community



Are official statisticians becoming data scientists?

In order to adapt to the evolving professional and technical demands, the necessary competences and skills can be acquired by **training** current personnel; by **collaborating** with universities and other networks; or **recruiting** individual data scientists.

Conference of European Statisticians (19–21 June 2017)



Infrastructure

- International registry / union catalogue?
 - Official statistics resources
 - Commercial data resources (abstracts)
 - Research data repositories
- Cross-indexing synergies:
 - Primary
 - Derivative files



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