



# Grey literature: from hidden to visible

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# National Technical Library



# Outline

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- History and Present
- GreyNet, OpenGrey, NRGL
- Grey Literature Typology
- Tools for Grey Literature
- Enhanced Publications
- Grey Literature as Instrument for Changes



# Grey Literature - Definition

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Information produced at all levels of government, academics, business and industry in electronic and print formats not controlled by commercial publishing i.e. where publishing is not the primary activity of the producing body.

(Luxembourg, 1997 - Expanded in New York, 2004, available at [WWW<http://www.greynet.org/index.html](http://www.greynet.org/index.html))

# History

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- 1980 – 2005
- EAGLE (European Association for Grey Literature Exploitation)
- SIGLE (System for Information on Grey Literature in Europe)
- 7-15 European member organizations
- Hosts : STN International and Silverplatter/Ovid

- *GreyNet is dedicated to Research, Publication, Open Access and Education in field of Grey Literature"*
- International Conferences on Grey Literature GL1 – GL14 (2012 Rome)
- The Grey Journal
- News Letters, LinkedIn group
- <http://www.greynet.org/>

# OpenGrey

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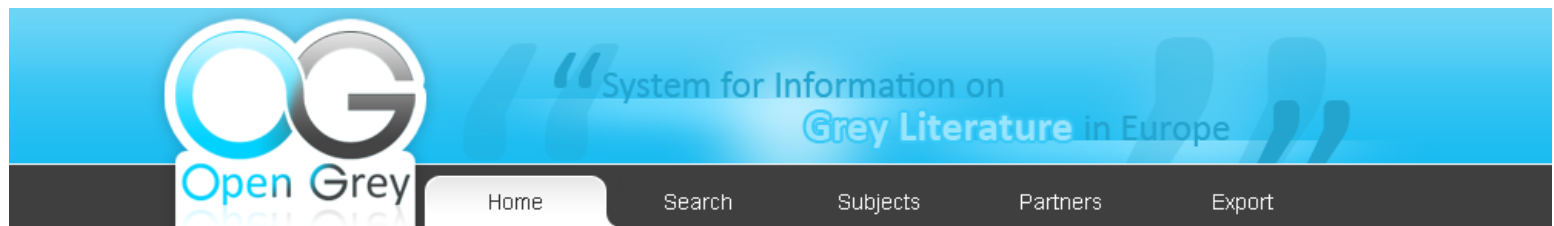


- European database of bibliographic records of grey literature
- 1980 → 2005 SIGLE
- 2007 → 05/2011 OpenSIGLE
- 17. 6. 2011 OpenGrey
- Content : Multidisciplinary
- Provider: INIST-CNRS
- 700,000 records
- Open Access platform

- User interface
  - Facetted search
  - Information on how to make the document more prominent
  - Possibility to export records in XML and Zotero
  - Export search results as an RSS file
  
- Content
  - Add records from 2005 onwards from current partners
  - Open the database to new European partners
  - Links to full text for existing records



# www.opengrey.eu - sample search



### OpenGrey

**System for Information on Grey Literature in Europe**, is your **open access** to **700.000 bibliographical references** of grey literature (paper) produced in Europe and allows you to **export records** and **locate the documents**.

Examples of grey (*gray*) literature include technical or **research reports**, **doctoral dissertations**, some **conference papers**, some official publications, and other types of grey literature.

OpenGrey covers Science, Technology, Biomedical Science, Economics, Social Science and Humanities.

The site includes **preprints** from the **GL conferences** ([GreyNet](#) International) in full text.

### News

**2012 03/20** Enhanced Publications Project : 205 [Pratt Institute](#) student commentaries in GL conferences

**2012 03/19** GL14, International Conference on Grey Literature, Rome, 29-30 Nov. 2012 [Call for papers](#)

**2011 11/17** Enhanced Publications Project - GreyNet requests research data linked to GL conference papers in OpenGrey, [info@greynet.org](mailto:info@greynet.org)

**2011 10/24** Text available online : 400 links to full-text documents

[More news](#)

### Focus

**Citations:**690341

**Documents :**253  
(total number of PDF: 545)

**Number of citations by Sciences:** 833,500

Social Science and Humanities: 325,000

Biomedical Science: 116,000

Science: 170,000

Technology: 222,500

**Partners:**14

# OpenGrey – cooperation conditions

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- Preference for cooperation with a national partner
- OAI-PMH set for data transfer or ftp
- format DublinCore or MARC XML - conversion table is necessary
- Mandatory fields
- Availability
- SIGLE subject headings
- Documents types

# What is Grey Literature?

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Theses

Leaflets      Conference materials

Minutes      Government reports

Course materials      E-mails

Corporate literature      Telephone calls

Preprints      Blogs

Social Networks      Reports

# Grey Literature Typology

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- Analysis of six existing GL typologies

<http://hdl.handle.net/10068/700013>

- Vocabulary of the GL Types

- International working group

- Google Code project

<http://code.google.com/p/grey-literature-typology/>



# Vocabulary of GL Types

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- Machine Readable Format for direct implementing in repositories
- RDF (Resource Description Framework)
- SKOS (Simple Knowledge Organization System)
- Version 1.0
- Continuing development

# Workout

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- Material: graphical scheme of the GL Vocabulary
- Work in groups max. 5 people
- Discuss strengths and limitations
- Record directly to the scheme recommended changes

- 1980 – 2005 EAGLE (SIGLE)
- 2007 – 2011 OpenSIGLE
- Since 2008 **National Repository on Grey Literature (NRGL)**
- Since 2010 GreyNet
- Since 2011 OpenGrey
- [www.techlib.cz](http://www.techlib.cz)

# NRGL Mission

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- Central access to grey literature and the results of research and development in the CR
- Support of science, research and education
- Systematic collection of metadata and digital documents
- Long-term archiving and preservation
- Cooperation with international repositories



# NRGL tools

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- User search portal [www.nusl.cz](http://www.nusl.cz)
- Repository <http://invenio.nusl.cz>
- Informative webpages  
<http://nrgl.techlib.cz/>
- Legal framework
- Partnership network
- Standards and recommendations
- Publication
- Workshops

# Legal framework

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- Legal expertise: Digital processing of the so-called grey literature for the NRGL
- Licensing contracts
- Rules for legal publishing of digital documents in the NRGL
- Each work is protected by copyright law
- Selective choice of a license

CreativeCommons

<http://www.creativecommons.cz/>

# Standards

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- Methodology processing, long-term preservation and access to grey literature in the case of the NRGL
  - Typology of grey literature
  - Metadata format NRGL 1.0
  - Templates for grey literature
  - Recommended formats

# Publication

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## Grey Literature Repositories

- 9 authors – 2 foreign
- First part – grey literature and systems
- Second part – building repository
- Czech and English versions
- Print and electronic version
- Publishing house VeRBuM

# Partnership Network

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- Academy of Sciences
- Libraries
- Universities
- Museums
- Public Research Organizations
- Individual authors
- Enterprise

# Workshop

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- 2008: 6 presentations
- 2009: 8 presentations – 2 foreign
- 2010: 11 presentations – 2 foreign, GL12
- 2011: 9 presentations – 2 foreign, Panel of Experts
- 2012: 8 presentations – 2 foreign, Panel of Experts

# International cooperation

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- DRIVER - Digital Repository Infrastructure Vision for European Research
- OpenGrey – former OpenSIGLE (SIGLE)
- ROAR – Registry of Open Access Repositories
- OpenDOAR - The Directory of Open Access Repository
- Indexed by Google

# R & D

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- National Research, Development and Innovation, in particular:
  - Objective 4: to improve cooperation between public and private sector
  - Objective 5: to improve integration into the international cooperation
- E-versions of project outputs according to the Seventh Framework Program EU



# www.nusl.cz – sample search

**NUŠL**

NÁRODNÍ ÚLOŽIŠTĚ ŠEDÉ LITERATURY

NÁPOVĚDA

Vysoké školy (48207) Ústavy AV ČR (22106) Knihovny (10002) Ostatní (21)

Počet nalezených dokumentů: 84697 1 2 3 4 5 6 Další

[Skrýt časovou osu](#) od 1971 do 2011 [Použít](#)

Period	Count
1970 - 1979	324
1980 - 1989	344
1990 - 1999	11709
2000 - 2009	58677
2010	

**Typ dokumentu**

- Vysokoškolské práce
- Konferenční materiály
- Zprávy
- Firemní literatura
- Ostatní
- Autorské práce

**Osoby**

Červenka, Jan (283)  
Charbuský, Miloš (274)  
Gullová, Soňa (268)  
Taušer, Josef (243)  
[zobrazit více ...](#)

**Klíčová slova**

marketing (788)  
czech republic (575)  
evropská unie (556)  
education (536)  
[zobrazit více ...](#)

**Formát**

text (16670)  
video (20)  
obraz (1)

**Jazyk**

český (64938)  
anglický (13221)  
slovenský (1411)  
francouzský (28)  
polský (2)

**Zahraniční báze**

- [WorldWideScience.org](#)
- [OpenSIGLE](#)
- [DRIVER](#)
- [PUMA](#)
- [Digitální repozitář Slovenské chemické knihovny](#)

**Výroční zpráva o činnosti a hospodaření ÚCHP AV ČR, v. v. i. za rok 2009**  
Linek, Jan; Církva, Vladimír  
Ústav chemických procesů 2210

**Výroční zpráva o činnosti a hospodaření ÚCHP AV ČR, v. v. i. za rok 2009**  
Církva, Vladimír;  
Ústav chemických procesů 2210

**Analýza vztahu genetických markerů a užitkových vlastností skotu.**  
JAŠKOVÁ, Iva;  
Jihočeská univerzita v Českých Budějovicích 2013

**Partnerská síť Národního úložiště šedé literatury (NUŠL)** Vznůstající potřeba přístupu ke sbírkám šedé literatury z oblasti vědy, výzkumu a vzdělávání vede ke koordinovanému sběru a budování sbírek na všech úrovních. Národní technická knihovna (NTK)...

Füřtová, Ivetta;  
Národní technická knihovna 2011

**Průmysl v české krajině na mapách 1:75 000. (Konec 19. počátek 20. století).** Téma: co je průmyslová krajina, jak se měnila od poloviny do konce 20. století a jakou stopu zanechaly tyto procesy v krajině dnešní.

Horčáková, Václava;  
Historický ústav 2011

**Průmyslová krajina jako kulturní dědictví. Program konference.**

Chodějovská, Eva;  
Historický ústav 2011

**Libeň - proměny průmyslové čtvrti.** Téma: co je průmyslová krajina, jak se měnila od poloviny do konce 20. století a jakou stopu zanechaly tyto procesy v krajině dnešní.

Římanová, Radka;  
Národní technická knihovna 2011

**Archív konsorcií z projektů NTK v režimu Posttermination Access**

Římanová, Radka;  
Národní technická knihovna 2011

**Průmyslová krajina jako kulturní dědictví. Program konference.**

Chodějovská, Eva;  
Historický ústav 2011

Počet nalezených dokumentů: 84697 1 2 3 4 5 6 Další



# Tools for grey literature

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- Electronic format
- Internet
- Repositories
- Open Access
- Free Licences – Creative Commons
- Enhanced publications

# Enhanced Publications

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- Definition from DRIVER-II:  
„A publication that is enhanced with three categories of information:
  - 1) Research data
  - 2) Extra materials
  - 3) Post-publication data“
- Included in repositories – [OpenGrey](#), [NRGL](#)
- Special repositories - [DANS](#)



# Enhanced Publications Project

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- Data exchange is becoming the standard in OA communities
- Research data should be preserved and accessible
- A data policy should be in place within research organizations
- Data should be recognized in references and citations

# Roles in Grey Literature

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	1 <sup>st</sup> level	2 <sup>nd</sup> level	3 <sup>rd</sup> level
Groups			
Role	Producers	Guarantors	Services
Participants	Research institutions Universities Grant agencies	National libraries Central libraries Other institutions with central functions	Libraries and information institutions Information brokers
Used tools	Repositories OpenAccess Free Licences Cooperation	Good practices / Methodologies Conferences / Workshops Information dissemination: <ul style="list-style-type: none"> <li>• Inf. Webpages</li> <li>• E-mail conferences</li> <li>• Social networking</li> </ul> Central repositories	Research lists Reviews Information gateways Discovery systems

# Workout - roles in Grey Literature

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- 3 groups:  
Producers/Guarantors/Services
- Every group creates a mind map containing all possibilities on how to improve the role in GL, describe environment, limitations, national or other differences, ...
- Eventually present it to the other groups

# Invitation

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Fourteenth International  
Conference on Grey Literature

## **Tracking Innovation through Grey Literature**

29-30 November 2012

National Research Council, CNR  
Rome, Italy



Invitation

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# **Fifth Seminar on Providing Access to Grey Literature**

23 October 2012

National Technical Library, Prague





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Join GreyNet group on LinkedIn  
Workshop Handout:  
<http://bit.ly/GLworkshop>

[petra.pejsova@techlib.cz](mailto:petra.pejsova@techlib.cz)

[www.techlib.cz](http://www.techlib.cz)