

Title	: Usage of grey literature in open archives: State of the art and empirical results
Author(s)	: Joachim Schöpfel and C. Boukacem-Zeghmouri, University of Lille 3, France Helene Prost, INIST-CNRS, France

Objective: The purpose of our communication is to present results from a new study (March 2009 – December 2009) on usage of open archives in France. The objective of the study is to gain empirical insight in usage patterns of freely available scientific items deposited in open archives, especially of non-commercial material, e.g. grey literature, mostly not distributed through other channels.

Method: Our method combines four different approaches:

1. A state of the art of published empirical data, standardization, research projects etc.
2. A survey on the development and the usage of French open archives¹, based on open source methods (web, publications...) and investigation.
3. A case study on usage statistics of the institutional repository of the university of Lille 1, IRIS² (the former Grisemine website, the first "grey" archive in France and presented at the Nancy conference³), in order to illustrate the state of the art and the survey results.
4. Qualitative survey results from interviews on digital resources usage with a sample of scientists.

Originality: The usage of grey literature in open archives is a recent field of professional and scientific interest. So far, little has been published on usage of open archives, and even less, on usage of deposited grey literature. Nevertheless, there are some promising new initiatives and projects and first empirical data. Our communication will combine review, quantitative and qualitative survey data and case study in order to provide a realistic insight into this emerging field.

Expected results: Empirical data allowing for first comparison between different archives and document types. Awareness on the scientific but also professional and economic interest of these data. A contribution to standardization (recommendations on data production, delivery and analysis).

Costs: The research project is entirely funded by the university of Lille 3. Total with VAT 6469 €. The funding covers staff costs (two students), travel and meeting costs (technical meetings, two conferences), documentation and IT investment.

¹ As a follow-up to our 2008 study, cf. Schöpfel J., Stock C.: Grey literature in French Digital Repositories: A Survey. *GL10 Conference Proceedings. Tenth International Conference on Grey Literature: Designing the Grey Grid for Information Society*. Amsterdam, 8-9 December 2008.

² Cf. <https://iris.univ-lille1.fr/dspace/>

³ Cf. Claerebout M.F.: Grisemine, a digital library of grey university literature. *GL5 Conference Proceedings. Fifth International Conference on Grey Literature: Grey Matters in the World of Networked Information*. Amsterdam, 4-5 December 2003.