

Grey Literature, E-Repositories and Evaluation of Academic & Research Institutes. The case study of BPI e-repository

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14th International Conference on Grey Literature

29 & 30 November 2012- Rome, Italy



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Benaki Phytopathological Institute (BPI)

history- organizational structure- scientific departments- hppj


 *Established in 1929*

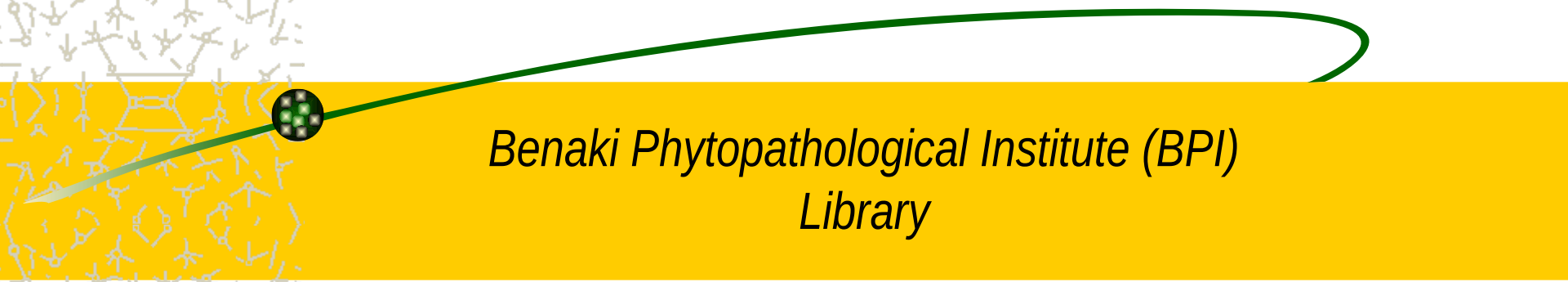
 *BPI was the first Greek research institute to have a broad scientific basis in plant health, plant protection, risk assessment and safe usage of agricultural chemicals with regards to the protection of human health and that of the environment more generally*

 *BPI performs analytical work and mandated checks to ensure the safety of foodstuffs and other agricultural products*

 *Scientific Departments*

- Dept. of Phytopathology*
- Dept. Entomology & Agricultural Zoology*
- Dept. Pesticides Control and Phytopharmacy*

 *Since January 2008, BPI has been publishing the semi-annual scientific journal, the Hellenic Plant Protection Journal (HPPJ), formerly Annals of Benaki Phytopathological Institute*



Benaki Phytopathological Institute (BPI) Library

- ✦ The Library of BPI has been in operation since 1930*

- ✦ It is a specialized scientific library, dedicated to the subject of agriculture, intended to support and enhance the research activities of the BPI community*


- ✦ In particular, it covers the subjects of phytopathology, plant protection, plant health, entomology, phytopharmacy and weed science*

- ✦ Its collection consists of books, journals, grey literature, maps, digital and electronic media and databases*

- ✦ The material is arranged according to national and international standards such as AACR2, DDC,UDC, NLGSH (National Library of Greece Subject Headings) and LCSH (Library of Congress Subject Headings)*



Benaki Phytopathological Institute (BPI) Library

 *Procedures concerning cataloguing as well as loan services are automated, using Abekt 5.6, an integrated library system that has been developed by National Documentation Center and installed in more than 2,100 libraries in Greece*

 *Quality system implementation*

 *Provided Services*

- Loans*
- Articles e-delivery*
- User education*
- E- index of journals & separated articles*
- **E- repository***

E-repositories

☀ *E-repositories are internet databases, in which the intellectual property produced by an Educational Foundation or a Research Institute can be*

- *Gathered*
- *Classified*
- *Reserved*
- *Disseminated*

☀ *It is known that e-repositories are based on Open Access and Knowledge Dissemination concept, providing access to scientific information*

...but...

☀ *it is not known that e-repositories can be proved useful and usable “tools” for the **evaluation** of Universities and Research Institutes*



BPI e-repository

structure, material contained, technical characteristics 1/2

☀ BPI e-repository has been planned and structured so in order to achieve the aims of the evaluation simultaneously,

- in an “institution level”*
- in “scientific department level” (common intellectual responsibility)*
- in “researcher level” (individual intellectual responsibility)*

☀ The scientific material contained in it has been categorized so in order to respond to the organizational structure and function of BPI and, also, to highlight in the best way the research activities of the BPI scientific community members

BPI e-repository

structure, material contained, technical characteristics 2/2

- ☀ BOOKS
- ☀ BPI ANNUAL REPORTS
- ☀ BPI EDITIONS
- ☀ CONFERENCES
- ☀ FUNDED PROJECTS
- ☀ MEETINGS/ SEMINARS
- ☀ MONOGRAPHS
- ☀ MSc, Phd, Post Doc
- ☀ PATENTS
- ☀ PUBLICATIONS
- ☀ TECHNICAL REPORTS

☀ Characteristics

- DSpace 1.7.0
- OAI-*PHM* (Open Archives Initiative Protocol for Metadata Harvesting)
- Dublin Core Standard, that is suitable for the documents description

☀ Modifications

- Fields addition

BPI e-repository fields/ records

a record consists of the fields:

- author(s)*
- title*
- date of issue*
- publisher*
- citation*
- identifiers (ISSN, ISBN, DOI)*
- type*
- language*
- subjects*
- abstract*
- description*

... in numbers...

- ☀ 11 collections (1 more soon)*
- ☀ 32 sub- collections*
- ☀ 516 records*
- ☀ 650 authors*
- ☀ 1500 subjects*
- ☀ a few months*
- ☀ 1 librarian*
- ☀ 1 computer scientist*



BPI e-repository navigation, research, subject index

- ✦ *Navigation and search function in an user-friendly interface using five diverse ways, i.e. type of material, title, author, year and subject*

- ✦ *We note that we implement a simple bilingual subject standardization system*

- ✦ *The keywords used by the authors themselves in their papers or conferences proceedings make the subject standardization procedure and indexing difficult*

- ✦ *We are aiming at the implementation of an optimized bilingual subject index adopting and implementing standards such as NLGSH or/and LCSH*

- ✦ *<http://83.235.16.144:8080/jspuien/>*



Conclusion

The appropriate use and exploitation of the search results via e-repository – according to the experience having been acquired by this e-repository development process and function- can lead certainly to faithful conclusions concerning the evaluation of an Educational Foundation or a Research Institute



Thank you for your attention!