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# **Contribution of the digital repository DRUGG to higher information literacy in the field of civil engineering in Slovenia**

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# The Faculty of Civil and Geodetic Engineering in 2013

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University of Ljubljana  
Faculty of Civil and Geodetic Engineering

- 1.500 students
- 150 researchers, teachers
- 500 publications

The library:

- 66.000 units
- 9.000 theses, dissertations
- 4 librarians

**Institutional repository DRUGG**

# The Faculty of Civil and Geodetic Engineering, UL

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## Mission:

- ▶ undergraduate and postgraduate education according to the needs of the Slovenian civil engineering, geodetic engineering, water management and municipal engineering industries,
- ▶ faculty's researchers are actively involved in basic, applied and development research,
- ▶ the transfer of knowledge into practice and professional consulting.

# The initiatives on UL FGG

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2000-2011:

- ▶ many initiatives and requests came from professional public to allow open access to theses,
- ▶ as public institutes, faculties are required to allow the public to access complete texts of theses and results of research work financed from public funds,
- ▶ it is according to the OpenAIRE principle from 2008.



# Electronical archiving of documents

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In this connection the electronical archiving of documents became very important.

At the beginning of the 21.st century the first digital repositories were created.

Registry of Open Access Repository (ROAR) lists at the end of 2013 more then 3,500 digital repositories all around the world.

# Beginings of DRUGG 1

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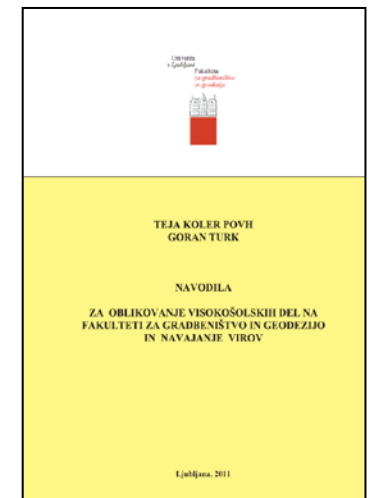
In 2005:

The UL FGG's rules for preparation of graduation theses.

They prescribed

- ▶ the delivery of scientific publications **in electronic form** to the library,
- ▶ including **the author's statement** allowing the work to be **posted in the faculty's IR**,
- ▶ including **the author's statement of similarity** of e- and printed version.

The instructions for their layout and referencing.



# Beginings of DRUGG 2

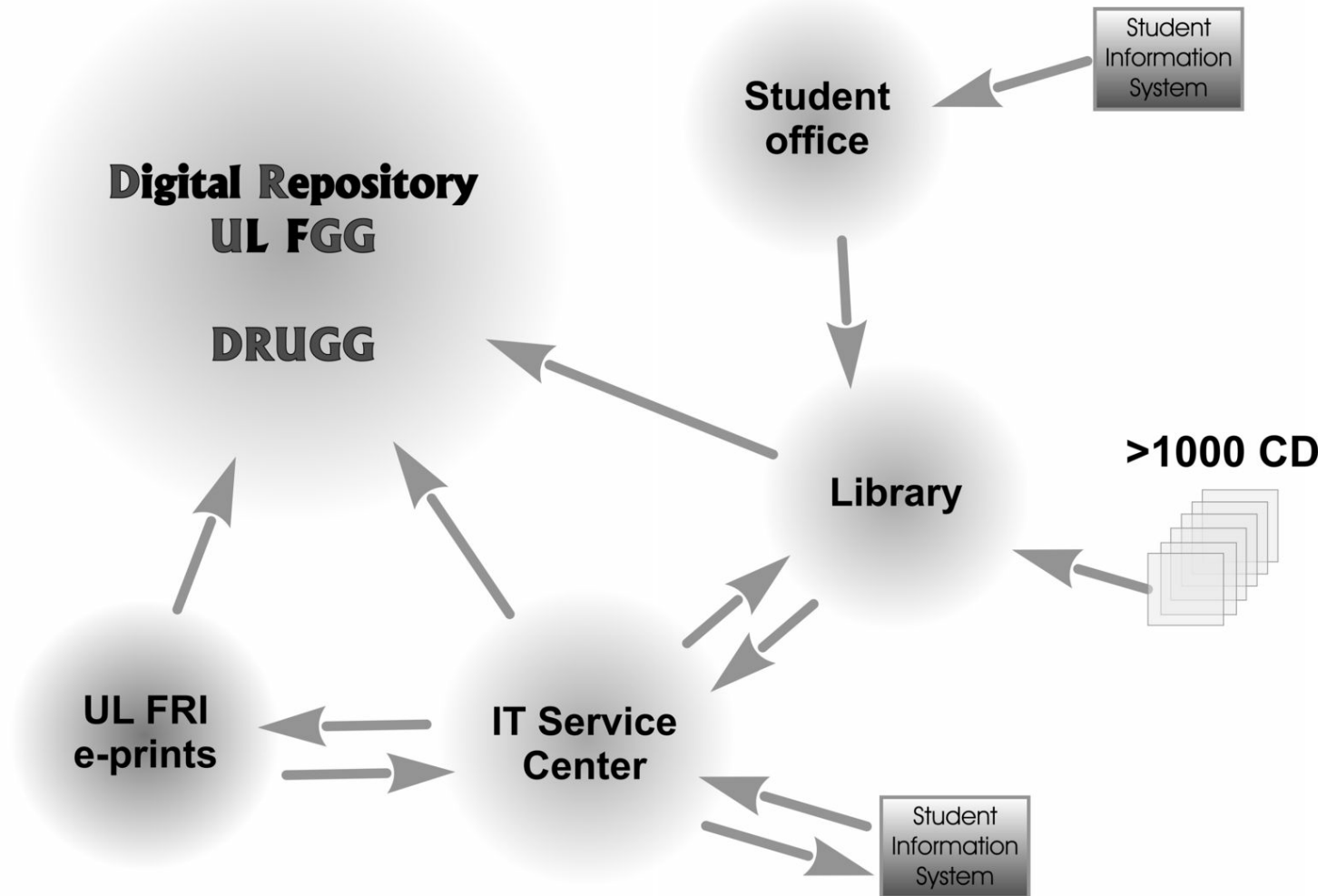
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In 2011:

- ▶ By the end of March 2011 more than 1,000 e-theses were collected from the period from 2005 onwards.
- ▶ Monitoring of functionalities of existing tools for the IR construction,
- ▶ cooperation with the Faculty of Computer and Information Sciences of the UL (UL FRI), who had their own repository (empty),
- ▶ selection of open-source system ePrints.  
(is one of the leading systems in the world and it allows connectivity with other similar systems).

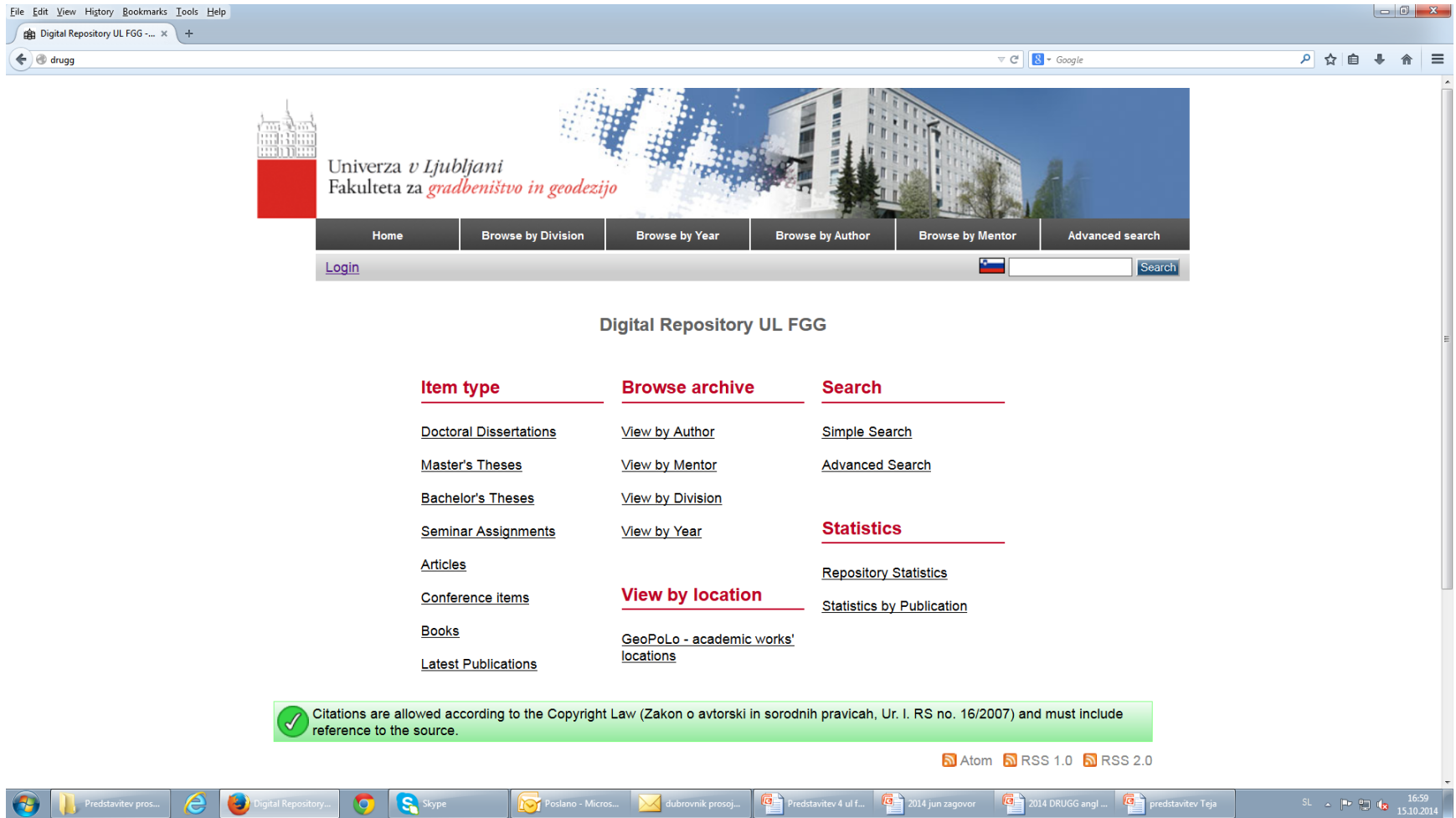


# The organization scheme of the project group





# Home page of the IR DRUGG



The screenshot shows the homepage of the Digital Repository UL FGG. The browser window has a single tab titled "Digital Repository UL FGG - ...". The address bar shows "drugg". The page header features the logo of the University of Ljubljana and the Faculty of Architecture and Geodesy, with the text "Univerza v Ljubljani Fakulteta za gradbeništvo in geodezijo". Below the header is a navigation bar with links: Home, Browse by Division, Browse by Year, Browse by Author, Browse by Mentor, and Advanced search. A "Login" link is also present. A search bar with a "Search" button is located on the right. The main content area is titled "Digital Repository UL FGG" and contains three columns of links. The first column lists item types: Doctoral Dissertations, Master's Theses, Bachelor's Theses, Seminar Assignments, Articles, Conference items, Books, and Latest Publications. The second column lists browsing options: View by Author, View by Mentor, View by Division, View by Year, View by location, and GeoPoLo - academic works' locations. The third column lists search and statistics options: Simple Search, Advanced Search, Statistics, Repository Statistics, and Statistics by Publication. A green banner at the bottom states: "Citations are allowed according to the Copyright Law (Zakon o avtorski in sorodnih pravicah, Ur. l. RS no. 16/2007) and must include reference to the source." The taskbar at the bottom shows several open applications, including "Predstavitev pros...", "Digital Repository...", "Skype", "Poslano - Micro...", "dubrovnik prosj...", "Predstavitev 4 ul f...", "2014 jun zagovor", "2014 DRUGG angl...", and "predstavitev Teja". The system clock shows 16:59 on 15.10.2014.

File Edit View History Bookmarks Tools Help

Digital Repository UL FGG - ...

drugg

Google

Univerza v Ljubljani  
Fakulteta za *gradbeništvo in geodezijo*

Home Browse by Division Browse by Year Browse by Author Browse by Mentor Advanced search

Login

Digital Repository UL FGG

Item type	Browse archive	Search
<a href="#">Doctoral Dissertations</a>	<a href="#">View by Author</a>	<a href="#">Simple Search</a>
<a href="#">Master's Theses</a>	<a href="#">View by Mentor</a>	<a href="#">Advanced Search</a>
<a href="#">Bachelor's Theses</a>	<a href="#">View by Division</a>	
<a href="#">Seminar Assignments</a>	<a href="#">View by Year</a>	<b>Statistics</b>
<a href="#">Articles</a>		<a href="#">Repository Statistics</a>
<a href="#">Conference items</a>	<b>View by location</b>	<a href="#">Statistics by Publication</a>
<a href="#">Books</a>	<a href="#">GeoPoLo - academic works' locations</a>	
<a href="#">Latest Publications</a>		

Citations are allowed according to the Copyright Law (Zakon o avtorski in sorodnih pravicah, Ur. l. RS no. 16/2007) and must include reference to the source.

Atom RSS 1.0 RSS 2.0

Predstavitev pros... Digital Repository... Skype Poslano - Micro... dubrovnik prosj... Predstavitev 4 ul f... 2014 jun zagovor 2014 DRUGG angl... predstavitev Teja


16:59 15.10.2014

# International registration of the IR DRUGG

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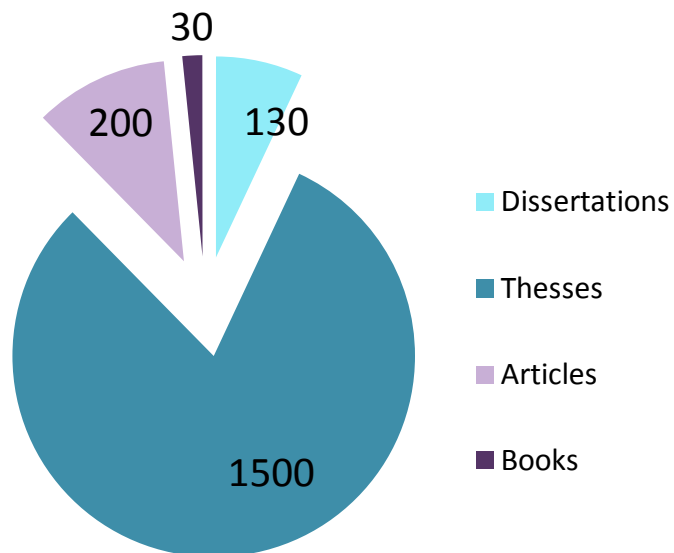
## In 2012

- ▶ in the Directory of Open Access Repositories (OpenDOAR),
- ▶ in the Registry of Open Access Repositories (ROAR).
- ▶ The IR DRUGG follows the instructions of OpenAIRE.
- ▶ It includes the provision about mandatory referencing of the source.

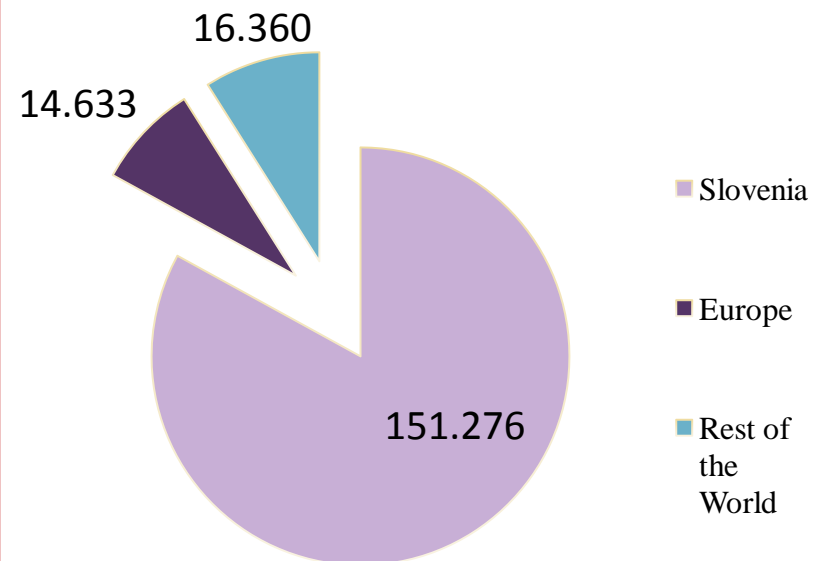
 Citations are allowed according to the Copyright Law (Zakon o avtorski in sorodnih pravicah, Ur. l. RS no. 16/2007) and must include reference to the source.

# Statistics

Type of documents  
in the IR at the end of 2013



Visitings untill July 2013



# Statistics of visits to the IR DRUGG

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After two years of operation:

- ▶ on the average around 500 per day,
- ▶ 400 of them from Slovenia.
- ▶ After two years the most downloaded theses achieve between 2,000 and 3,000 downloads.
- ▶ 89 % of all visits came from public domains,
- ▶ 11 % were from the home domain of the UL.

We are convinced that our decision to build the IR was the right one.



# The librarian in charge of IR DRUGG: his role before...

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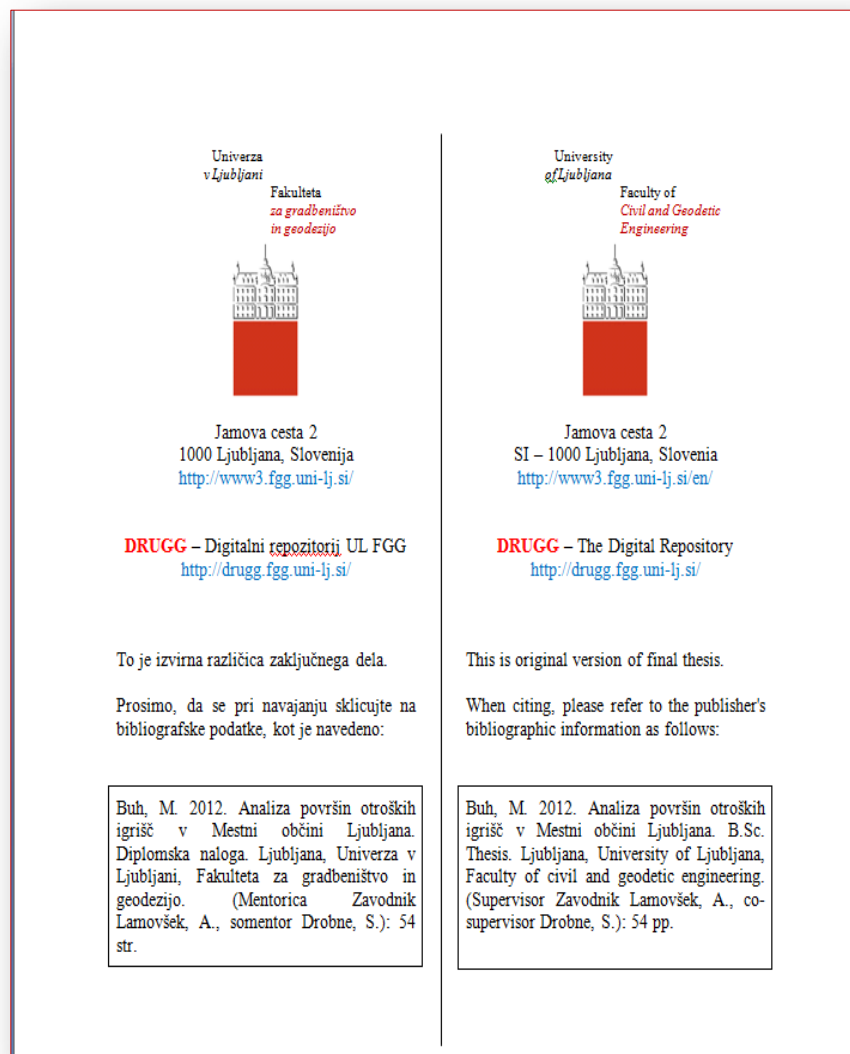
**The library is one of the most important stakeholders by the process of IR construction.**

The librarian contributes to the building of the IR DRUGG by

- obtaining of theses,
- checking of integrity of theses (and arranged of appendices),
- checking of e-format of theses,
- adding of a cover page (with basic bibliographic information),
- archiving of documents in the IR DRUGG,
- establishing connections to the COBISS/OPAC system.



# The cover page of thesis



This is original version of final thesis.

When citing, please refer to the publisher's bibliographic information as follows:

Buh, M. 2012. Analiza površin otroških igrišč v Mestni občini Ljubljana. B.Sc. Thesis. Ljubljana, University of Ljubljana, Faculty of civil and geodetic engineering. (Supervisor: Zavodnik Lamovšek, A., co-supervisor Drobne, S.): 54 pp.

# The librarian in charge of IR DRUGG: his role after

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The library is one of the most important stakeholders during the use of IR by

- promotion and popularization of IR DRUGG,
- implementation of trainings in information literacy.
- Convinced that the training for users made by library staff is very important for information literacy, **on UL FGG the librarian as a specialist for scholarly communication contributes in study program.**



# The librarian's support to researchers

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In 2012 we contributed to the visibility of publications of teachers and researchers by archiving theirs publications (articles) in the IR DRUGG.

A librarian supports researchers:

- ▶ by checking OA clauses (Sherpa/RoMEO),
- ▶ by preparing the cover page for each document,
- ▶ by uploading bibliographical units in the repository.

By the end of 2013: about 200 of them in the IR DRUGG.





# Librarians as a part of quality education

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## ➤ Librarians

as IT experts and experts of communication become an important element in quality education process and in scientific and research work at their institution and in wider environment.

## ➤ Libraries,

especially those at higher education institutions and specialized libraries, with their knowledge and skills can upgrade their role at their institution.



# Repositories in Slovenia today

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- ▶ In 2012 the portal Open access Slovenia ([www.openaccess.si/](http://www.openaccess.si/)).
- ▶ In 2014 the Repository of University of Ljubljana (RUL).
- ▶ It is a part of Consortium of 4 repositories of 4 Slovenian UNIs:
  - ▶ University of Ljubljana      University of Maribor
  - ▶ University of Primorska      University in Nova Gorica.
- ▶ The software of the Digital Library of the University of Maribor has been upgraded and new functionalities were added.
- ▶ **The IR DRUGG is connected to the RUL through COBISS ID.**

