

# EIFL Open Access Programme 2016 - 2017

Iryna Kuchma, Open Access Programme Manager



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**EIFL** KNOWLEDGE  
WITHOUT  
BOUNDARIES

# Sustainability: OA mandates

## OA Policy Development & Implementation (Institutional, National & International):

- a **network of national OA policy working groups** to collaboratively facilitate an aligned OA policy environment countries (universities, research organizations & funders).
- **OA policy development & implementation workshops** in countries where we see an opportunity for a change in policies & regional events to share experiences/good practices.

- The Research Council of **Lithuania**
- Ministry of Education, Science and Technological Development (**Serbia**)
- Shota Rustaveli National Science Foundation (**Georgia**)



Lietuvos  
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# Universities adopt OA policies

- Embu University and Kirinyaga University (Kenya),
- 6 universities in Moldova: State University of Medicine and Pharmacy „Nicolae Testemitanu”, Balti „Alecu Russo” State University, Moldova State University, Technical University of Moldova, Free International University of Moldova and State University of Physical Education and Sport
- University of Palestine and
- Uganda Christian University

# **“Next generation” OA repositories/journals**

**Keeping up-to-date with the latest technology & policy developments; reinforcing local capacity in the management of OA repositories/OA journals:**

- Check-lists on current requirements for OA repositories/journals (infrastructure & policies).**
- An audit of current OA repository/journal developments (infrastructure and content) & provide good practice recommendations.**
- Webinars & other knowledge sharing activities.**

<http://eifl.net/blogs/how-make-your-oa-repository-work-really-well>

The screenshot shows a web browser window with two tabs. The active tab is titled 'How to make your OA rep...'. The address bar shows the URL 'eifl.net/blogs/how-make-your-oa-repository-work-really-well'. The browser's navigation and utility icons are visible. The website header features the 'eifl' logo on the left and a navigation menu with items: 'ABOUT', 'WHAT WE DO', 'WHERE WE WORK', 'IN ACTION', 'RESOURCES', and 'NEWS & EVENTS'. To the right of the menu is a search icon, a 'TEXT ONLY' link, and a blue 'DONATE' button. The main content area has a large heading 'HOW TO MAKE YOUR OA REPOSITORY WORK REALLY WELL!' followed by a subtitle 'Checklist to help you get the best out of your DSpace open access repository'. Below this is a breadcrumb trail 'Home > Blogs > How to make your OA repository work really well!' and a 'NEXT POST →' link. The article text begins with 'Posted by Iryna Kuchma, Open Access Programme Manager, June 20, 2016' and a paragraph starting with 'EIFL Open Access Programme Manager, Iryna Kuchma, shares a checklist for fine-tuning open access repositories that are built with DSpace software. The checklist is drawn from a series of seven webinars organized by EIFL, the Institute of Development Studies (IDS, United Kingdom) and Stellenbosch'. The browser's taskbar at the bottom shows various application icons and the system clock displaying '12:19 PM 11/20/2016'.

How to make your OA rep... × How to support OA journ... × +

eifl.net/blogs/how-make-your-oa-repository-work-really-well

eifl ABOUT WHAT WE DO WHERE WE WORK IN ACTION RESOURCES NEWS & EVENTS TEXT ONLY DONATE

## HOW TO MAKE YOUR OA REPOSITORY WORK REALLY WELL!

Checklist to help you get the best out of your DSpace open access repository

Home > Blogs > How to make your OA repository work really well! NEXT POST →

Posted by [Iryna Kuchma](#), Open Access Programme Manager, June 20, 2016

*EIFL Open Access Programme Manager, Iryna Kuchma, shares a checklist for fine-tuning open access repositories that are built with DSpace software. The checklist is drawn from a series of seven webinars organized by EIFL, the Institute of Development Studies (IDS, United Kingdom) and Stellenbosch*

12:19 PM 11/20/2016

<b>Which version of the DSpace software do you use?</b>	<p>Always run your repository with the latest software versions (or no more than one version behind). The current latest release is DSpace 5.5 that can be downloaded from <a href="#">GitHub (dspace-5.5 release)</a>. Release Notes are available at <a href="#">DSpace 5.x Release Notes</a>. Documentation is available at <a href="#">DSpace 5.x Documentation</a>. DSpace 5.5 is a bug fix release to the 5.x platform. Beginning with DSpace 5.x, DSpace now provides an easier upgrade process (than in prior versions -1.x.x, 3.x or 4.x).</p> <p>How to upgrade DSpace: <a href="http://eifl.net/resources/webinar-how-upgrade-dspace">http://eifl.net/resources/webinar-how-upgrade-dspace</a></p>
<b>Have you enabled the handle service?</b>	<p>The handle service allows you to apply a short URL, which is persistent, for the purposes of citation and discovery on the web. See <a href="http://hdl.handle.net">http://hdl.handle.net</a>; <a href="http://www.handle.net/documentation.html">http://www.handle.net/documentation.html</a>; and <a href="http://wiki.lib.sun.ac.za/index.php/SUNScholar/Handle_Server">http://wiki.lib.sun.ac.za/index.php/SUNScholar/Handle_Server</a></p>
<b>What are your backup/restore procedures and policies for disaster recovery?</b>	<p>Since your repository is now the vehicle for maintaining the permanent digital academic research record of your institution, you will be concerned about its sustainability. You will want to make sure it is backed up and monitored correctly. Read more at: <a href="http://wiki.lib.sun.ac.za/index.php/SUNScholar/Disaster_Recovery">http://wiki.lib.sun.ac.za/index.php/SUNScholar/Disaster_Recovery</a></p>
	<p>The Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH: <a href="https://www.openarchives.org/pmh/">https://www.openarchives.org/pmh/</a>) is a low-barrier mechanism for repository interoperability. Data Providers are repositories that expose structured metadata via OAI-PMH. Service Providers then make OAI-PMH service requests to harvest that metadata. Configurations for OAI-PMH server are held in OAI-PMH crosswalks and [dspace]source/config</p>

**Have you enabled the OAI-PMH server?**

To enable DSpace's OAI-PMH server, just make sure the [dspace]/webapps/oai/ web application is available from your Servlet Container (usually Tomcat). You can test that it is working by sending a request to: [http://\[full-URL-to-OAI-PMH\]/request?verb=Identify](http://[full-URL-to-OAI-PMH]/request?verb=Identify)

If you are harvesting content (bitstreams and metadata) from an external DSpace installation via OAI-PMH & OAI-ORE, you first should verify that the external DSpace installation allows for OAI-ORE harvesting. More details are at <https://wiki.duraspace.org/display/DSDOC5x/OAI> and [http://wiki.lib.sun.ac.za/index.php/SUNScholar/Remote\\_Harvest](http://wiki.lib.sun.ac.za/index.php/SUNScholar/Remote_Harvest)

**Improving discoverability through search engines**

Search engines use software programmes that gather information from websites for indexing. These software programmes are called crawlers or bots. They are good at finding HTML files but since DSpace content is in a database system, you will need to tell the crawler how to get to that content. First you need to make sure that you generate sitemaps. These can be done through the Cron job # Generate sitemaps at 6:00 am local time each day 0 6 \* \* \* [dspace]/bin/dspace generate-sitemaps. This will generate the sitemaps that are accessible at <http://{your-DSpace-URL}/sitemap> and <http://{yourDSpace-URL}/htmlmap> Make sure also that the robots.txt contains directives to these paths. You will need the robots.txt placed in the root of your DSpace site. Make sure the robots.txt contains directives for what can and cannot be indexed Details of robots.txt structure and instructions are at <https://wiki.duraspace.org/display/DSDOC5x/Search+Engine+Optimization>

Register your repository with Google Scholar and all known 'reputable' aggregators

/DSpace+Google+Analytics+Statistics

**Analytics and basic web traffic insights**

To enable visits tracking, you will need to acquire a Google Analytics Key from Google - see Google Webmaster Tools. Add the key to the DSpace configuration in dspace.cfg under the setting `jspui.google.analytics.key=UAXXXXXX-X` (for JSPUI) or `xmlui.google.analytics.key=UA-XXXXXX-X` (for XMLUI) by replacing the UAXXXXXX-X with the key you will be given by Google Analytics. The statistics can be viewed on the Google Analytics web application at <http://www.google.com/analytics/>.

Third party tools you could consider: [Content Usage Analysis module](#) - a DSpace add-on from Atmire (not open source); MyDash from Harvard University - a stand-alone Open Source web application (<https://github.com/oscharvard/mydash>); Altmetrics such as those from Altmetric.com or PlumX. You could start with a free tool from Altmetric.com - Bookmarklet for Researchers and instantly get article-level metrics for any recent paper: <https://www.altmetric.com/products/free-tools/bookmarklet/>. Assess what sort of insights you want from your DSpace and setup/acquire the appropriate visualisation and analysis tools.

More information: <http://wiki.lib.sun.ac.za/index.php/SUNScholar/Google>

**Does your repository offer a good user experience for smartphones and tablets?**

Mirage 2 theme implements this capability by providing a distinct look for each of the three different categories of screen sizes: mobile phone, tablet and desktop. How to enable and customize the Mirage 2 responsive XMLUI for DSpace repository: <http://eifl.net/resources/webinar-enabling-and-customizing-mirage-2-responsive-xmlui-dspace-repository>

## [Expert tips for setting up and managing a DSpace repository](#)

Resources on the following topics:

[DSpace installation](#)

[Post-installation tasks](#)

[How to upgrade Dspace](#)

[DSpace system administration](#)

[Enabling a responsive user interface](#) and

[Customizing Dspace](#)

Introduction à DSpace

## WEBINAR ON ALTMETRICS AND OPEN PEER REVIEW MODULES FOR REPOSITORIES

Learn how to integrate altmetrics and open peer review modules into an institutional repository

Home > Resources > Webinar on altmetrics and open peer review modules for repositories

NEXT RESOURCE →

### ABOUT THE RESOURCE

Find out more about two innovative services that represent important new functionalities for repositories and offer added value for researchers and research institutions in this [COAR/EIFL/OpenAIRE/DIGITAL.CSIC](#) webinar.

Isabel Bernal (DIGITAL.CSIC manager) presents the experience



## RESOURCES

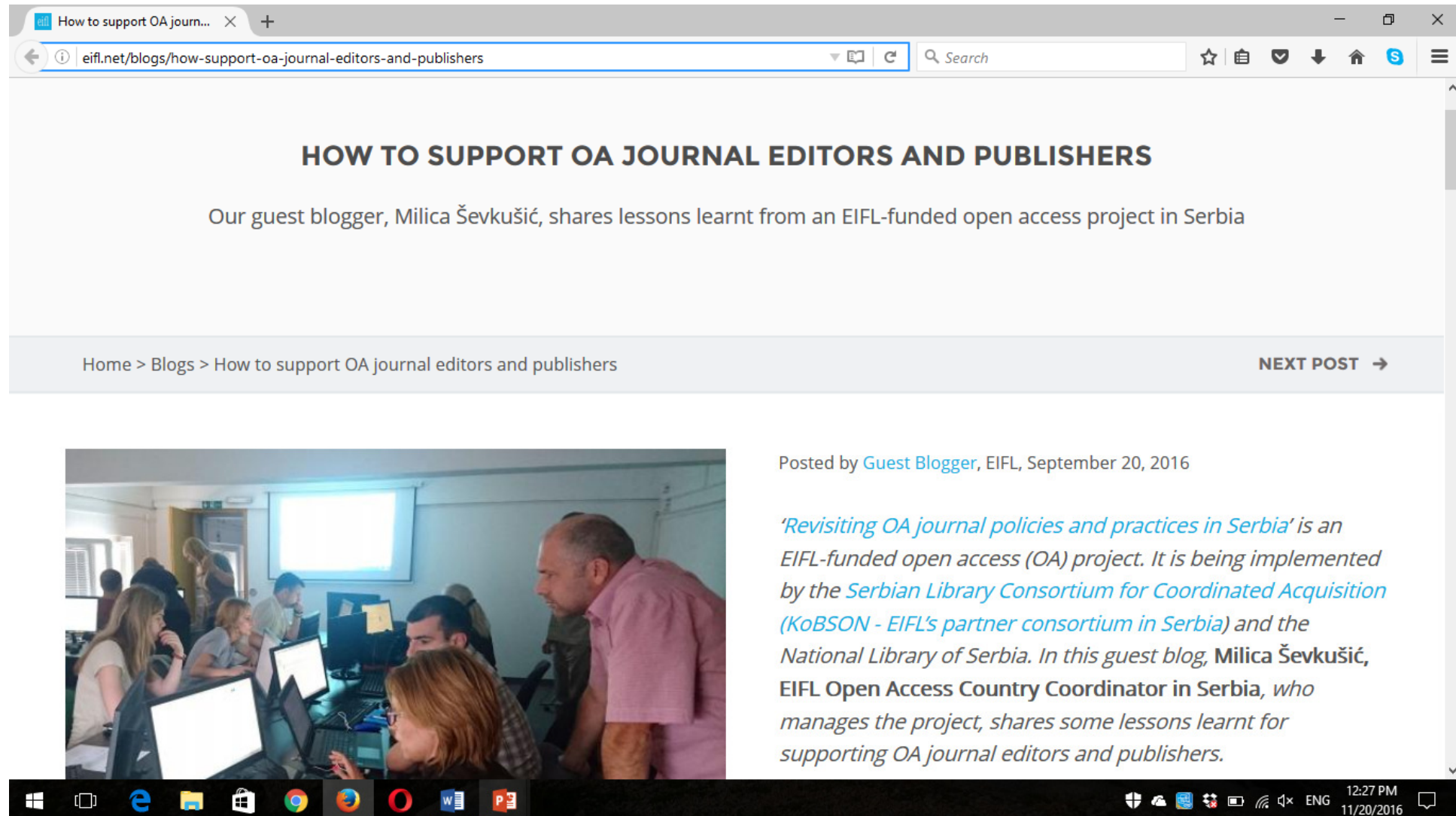
Browse our collection of resources on licensing, copyright for libraries, open access, library consortium development, free and open source software (FOSS) for libraries, and public library innovation

Home

AUDIENCE	TOPIC	REGION	TYPE	LANGUAGE	DATE
All	Open access	All	Webinar	All	All

<a href="#">Webinar on altmetrics and open peer review modules for repositories</a>	Webinar	2016
<a href="#">Webinar on designing successful Open Access and Open Data policies</a>	Webinar	2016
<a href="#">Webinar on increasing openness and reproducibility in research</a>	Webinar	2016
<a href="#">Webinar on DSpace customization for open access repositories</a>	Webinar	2016
<a href="#">Webinar on enabling and customizing the Mirage 2 responsive XMLUI for DSpace repository</a>	Webinar	2016
<a href="#">Webinar on DSpace system administration</a>	Webinar	2016
<a href="#">Webinar on how to upgrade DSpace</a>	Webinar	2016
<a href="#">Webinar on DSpace post-installation tasks</a>	Webinar	2016
<a href="#">Webinar on how to install DSpace</a>	Webinar	2016
<a href="#">Webinar on good practices in setting up DSpace repositories</a>	Webinar	2016

<http://eifl.net/blogs/how-support-oa-journal-editors-and-publishers>

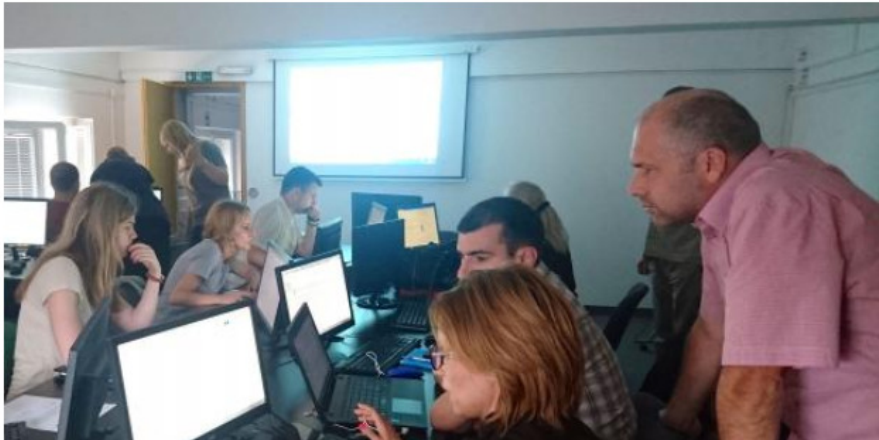


The screenshot shows a web browser window with the address bar containing the URL [eifl.net/blogs/how-support-oa-journal-editors-and-publishers](http://eifl.net/blogs/how-support-oa-journal-editors-and-publishers). The page title is "HOW TO SUPPORT OA JOURNAL EDITORS AND PUBLISHERS". Below the title, a sub-header reads: "Our guest blogger, Milica Ševkušić, shares lessons learnt from an EIFL-funded open access project in Serbia". A breadcrumb trail at the bottom left shows "Home > Blogs > How to support OA journal editors and publishers", and a "NEXT POST" link is at the bottom right.

Home > Blogs > How to support OA journal editors and publishers NEXT POST →

Posted by [Guest Blogger](#), EIFL, September 20, 2016

*'Revisiting OA journal policies and practices in Serbia' is an EIFL-funded open access (OA) project. It is being implemented by the [Serbian Library Consortium for Coordinated Acquisition \(KoBSON - EIFL's partner consortium in Serbia\)](#) and the [National Library of Serbia](#). In this guest blog, **Milica Ševkušić**, EIFL Open Access Country Coordinator in Serbia, who manages the project, shares some lessons learnt for supporting OA journal editors and publishers.*



# Repository and journals audit

OA repository and OA journals audit in Ghana, Kenya, Serbia, Tanzania and Uganda to improve operations of repositories/journals:

- growth of content;
- interoperability with other institutional systems;
- mobile phone/tablet interfaces;
- research object level metrics added, etc.

# Training

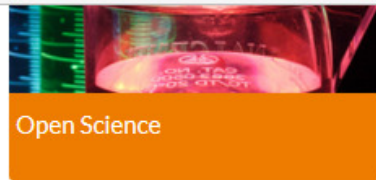
**Embed OA, open research data & open science/scholarship in the workflows of early career researchers:**

**Facilitate OA, open research data, open science/scholarship training for early career researchers** (e.g. as a part of standard training sessions for PhD students using FOSTER training materials and e-learning courses (<http://fosteropenscience.eu/>)).

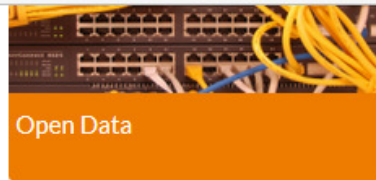
**Train-the-trainers to conduct OA, open research data, open science/scholarship training for early career researchers; webinars.**



Open Access



Open Science



Open Data



Research Data Management



Open Science Policies



Funders policies



Open Access policies



Legal Issues

**openMIN7ED** featured topics in Text and Data Mining  
Open Mining Infrastructure for Text & Data



Text And Data Mining



Text Categorisation/document Classification



Summarisation



Information Extraction

# Training (2)

- On-site training events and e-learning courses;
- Crowdsourced textbooks on OA/Open Research Data/Open Science?
- ????

# Open metrics

- **Good practice examples on using open metric for research assessment & evaluation**, opening up what they measure and what is measured and opening up content to be ALM (Article Level Metrics)-able.
- **Discussions on the benefits and limitations of the metrics** (traditional & new) and **collect recommendations on what is needed to have good reliability (consistency) and validity of open metrics.**
- **Webinars and other knowledge sharing activities.**

**Thank you!**  
**Questions?**

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