Open Access at the Ruđer Bošković Institute

PASTEUR4OA Eastern European Meeting of Research Funders and Research Performing organizations - Working Together to Promote Open Access (OA) Policy Alignment in Europe
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About the Ruđer Bošković Institute

- the largest Croatian research institute
- multidisciplinary science institute
- 82 research laboratory
- 14 research divisions
- 850 employees
  - over 500 researchers and scientists (6% of Croatian scientists)
- Croatia: R&D intensity – 0.81% GDP (in 2013); target: 1.4%
RBI’s long term strategy

- Encouraging cooperation with industry
- Informatisation of administrative procedures
- Open Science
- Structural funds
  - International projects
  - Criteria for getting leadership positions
  - International excellence
  - Criteria for hiring and promotion
- Mobility and new staff/Brain gain focus

Significantly different from standard policies in Croatia
Collaboration on EU projects

- FP5 (2 projects), FP6 (20 projects), FP7 (33 projects), H2020 (11 projects)
  - 11 out of 77 Croatian H2020 projects
  - 2 out of 4 Croatian ERC grants
New projects at the RBI (in millions of EUR)

Possibly a significant increase by the end of 2015:
- Centres of excellence
- Centres of competence
- Horizon 2020
Publications

- scientific articles published in journals indexed in SCI-EXP, SSCI and A&HCI

Tome Antičić and Bojan Macan: Open Access at the Ruđer Bošković Institute
Percentage of OA journal articles

- scientific articles published in journals indexed in SCI-EXP, SSCI and A&HCI (2010-2014)
RBI’s open access related activities

- development of Croatian OA infrastructure (on institutional and national level):
  - 1997 – Croatian Scientific Bibliography – CROSBI
  - 2002 – Portal of scientific journals of Croatia – Hrčak
  - 2007 – Database of instruments for scientific research – Šestar
  - 2011 – Full-text Institutional Repository of the Ruđer Bošković Institute – FULIR
  - 2015 – Digital Academic Archives and Repositories – DABAR

- participation in FP7 and H2020 OA related projects:
  - OpenAIReplus
  - OpenAIRe2020
  - FOSTER
  - SERSCIDA
  - CESSDA SaW

- promotion of open access and open science
- National Point of Reference for Open Access
INFRASTRUCTURE – FULIR

- Full-text institutional repository of the Ruđer Bošković Institute – FULIR (http://fulir.irb.hr/)
- first version released in 2011.
- possibility for archiving of various types of publications and research data
- based on self-archiving
- >1,400 records with full-text (91% in OA)
- functionalities:
  - OpenAIRE compliant (1st in Croatia)
  - interoperability with CROSBI
  - citation data from Web of Science Core Collection, Scopus and InSPIRE-HEP
  - altmetric scores from Altmetric.com
  - usage statistics...
Open Access policies in Croatia

2006 – Science and technology policy 2006-2010
2012 – Croatian Open Access Declaration
2013 – national mandate for thesis (Act on Scientific Activity and Higher Education)
2014 – Strategy of education, science, and technology
2015 – the 1st institutional OA mandate in Croatia – the Ruđer Bošković Institute open access self-archiving mandate
Ruđer Bošković Institute open access self-archiving mandate

- since April 14th 2015
- based on self-archiving (by researchers)
- depositing of digital copies of publications into the FULIR
  - journal and conference proceedings articles
  - book chapters
  - monographs and other book types
  - thesis
  - presentations and posters
  - learning materials
  - technical and other reports
Ruđer Bošković Institute open access self-archiving mandate

- depositing of accepted manuscript or published version of article if allowed
- ensuring open access according to publishers policies
- encouraging for retaining certain copyrights (Author Addendum)
- deposition required at the moment of acceptance for publishing and/or presentation date
- possibility for opting-out
Challenge 1: How to ensure researcher’s compliance with the mandate?

- increasing awareness about benefits of OA
- training and education of research staff
- carrots and sticks methods:
  - rewards for scientists/departments
  - promotion of researchers/research groups with the most OA records
  - only articles deposited in FULIR should be considered for internal research evaluation procedures
Challenge 2: Copyright issues

- versions of publications to be archived into FULIR
- importance of retaining certain copyrights
  - Copyright Transfer Agreements
  - Author Addendum
- Creative Commons license
Challenge 3: Moving towards research data

- raise awareness among researchers
- build the infrastructure
- provide support

http://www.kpcb.com/blog/setting-the-record-straight-on-big-data