Publications:

The research librarian of the future: data scientist and co-investigator

General information
State: Published
Organisations: Office for Innovation & Sector Services, Technical Information Center of Denmark, National Institute of Aquatic Resources, Research Secretariat
Authors: Ekstrøm, J. (Intern), Elbæk, M. K. (Intern), Erdmann, C. (Ekstern), Grigorov, I. (Intern)
Publication date: 14 Dec 2016

Publication information
Type: Blog
Source/Publisher: LSE Blogs.lse.ac.uk
Last modified date: 14/12/2016
Main Research Area: Technical/natural sciences
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The research librarian of the future data scientist and co-investigator
Links:
http://blogs.lse.ac.uk/impactofsocialsciences/2016/12/14/the-research-librarian-of-the-future-data-scientist-and-co-investigator/
Links:
http://blogs.lse.ac.uk/impactofsocialsciences/2016/12/14/the-research-librarian-of-the-future-data-scientist-and-co-investigator/
Publication: Communication › Internet publication – Annual report year: 2017

Winning Horizon2020 with Open Science
Open Science (OS) offers researchers tools and workflows for transparency, reproducibility, dissemination and transfer of new knowledge. Ultimately, this can also have an impact on in research evaluation exercises, e.g. Research Excellence Framework (REF), set to demand greater “societal impact” in future, rather than just research output. OS can also be an effective tool for research managers to transfer knowledge to society, and optimize the use and re-use by unforeseen collaborators. For funders, OS offers a better return on investment (ROI) for public funding, and underpins the EU Digital Agenda by measurably contributing to economic growth. This brief showcases why and how Open Science can optimize your Horizon 2020 proposal evaluation.

General information
State: Published
Organisations: National Institute of Aquatic Resources, Research Secretariat, Office for Innovation & Sector Services, University of Göttingen
Authors: Grigorov, I. (Intern), Elbæk, M. K. (Intern), Rettberg, N. (Ekstern), Davidson, J. (Ekstern)
Number of pages: 16
Publication date: 2016
Open Science (OS) offers researchers tools and workflows for transparency, reproducibility, dissemination and transfer of new knowledge. Ultimately, this can also have an impact on research evaluation exercises, e.g. Research Excellence Framework (REF), set to demand greater "societal impact" in future, rather than just research output. OS can also be an effective tool for research managers to transfer knowledge to society, and optimize the use and re-use by unforeseen collaborators. For funders, OS offers a better return on investment (ROI) for public funding, and underpins the EU Digital Agenda by measurably contributing to economic growth. This brief showcases why and how Open Science can optimize your Horizon 2020 proposal evaluation.

Source: PublicationPreSubmission
Source-ID: 124366231
Publication: Communication › Report – Annual report year: 2016

Data Science Training for Librarians

General information
State: Published
Organisations: Office for Innovation & Sector Services, Technical Information Center of Denmark
Authors: Ekstrøm, J. (Intern), Elbæk, M. K. (Intern)
Number of pages: 1
Publication date: 3 Nov 2015
Event: Poster session presented at Nye forskere og Ph.D-Studerende, Nyborg, Denmark.
Main Research Area: Technical/natural sciences
DST4L, Data Science Training, Librarians
Electronic versions:
DST4L_Poster_2015_version2
Links:
http://www.slideshare.net/JeannetteEkstroem/posteratphdlib15aboutdatasciencetraining4librarians2015atdtu

Relations
Projects:
Data Science Training for Librarians
Publication: Communication › Poster – Annual report year: 2015

Get recognised: ORCID at DTU

General information
State: Published
Organisations: Technical Information Center of Denmark
Authors: Elbæk, M. K. (Intern)
Number of pages: 1
Publication date: 2014
Event: Poster session presented at DTU Sustain Conference 2014, Lyngby, Denmark.
Main Research Area: Technical/natural sciences
ORCID, DTU
Electronic versions:
ORCID_Poster_DTU_Sustain_kopi.pdf
DOIs:
10.5281/zenodo.13274
Links:
http://dx.doi.org/10.5281/zenodo.13274
Publication: Communication › Poster – Annual report year: 2014

Open Access and ORCID poster presentation
Open Access
Open Access is high on the agenda in Denmark and internationally. Denmark has announced a national strategy for Open Access that aims to achieve Open Access to 80% in 2017 and 100% in 2022 to peer review research articles. All public Danish funders as well as H2020 requires that all peer review articles that is an outcome of their funding will be Open
Access. Uploading your full texts (your final author manuscript after review) to DTU Orbit is a fundamental part of providing Open Access to your research. We are here to answer all your questions with regards to Open Access and related topics such as copyright, DTU Orbit, Open Access journals, APCs, Vouchers etc.

ORCID
ORCID – Open Research & Contributor ID – is an internationally recognized and widely used researcher-ID. ORCID makes it easy to reuse your data across disciplines, publishers and databases – all you need to do is to refer to your ORCID instead of entering your data again. But most importantly is maybe that ORCID ensures, that you will get cited correctly – no matter if your name is spelled with special characters or if you change your name for one reason or another. Increasingly publishers and funders are asking you to submit your ORCID when you submit articles or apply for funding. DTU is a member of the international ORCID organization and you can register your ORCID through DTUBasen. We are here to help you answer all questions related to ORCID.

General information
State: Published
Organisations: Technical Information Center of Denmark
Authors: Elbaek, M. K. (Intern), Ekstrom, J. (Intern)
Number of pages: 1
Publication date: 2014

Host publication information
Title of host publication: Abstract Book - DTU Sustain Conference 2014
Place of publication: Kgs. Lyngby
Publisher: Technical University of Denmark (DTU)
Main Research Area: Technical/natural sciences
Conference: DTU Sustain Conference 2014, Lyngby, Denmark, 17/12/2014 - 17/12/2014
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

OpenAIRE Guidelines for CRIS Managers: Supporting Interoperability of Open Research Information through Established Standards
OpenAIRE is the European infrastructure enabling researchers to comply with the European Union requirements for Open Access to research results. OpenAIRE collects metadata from data sources across Europe and beyond and defines interoperability guidelines to assist providers in exposing their information in a way that is compatible with OpenAIRE. This contribution focuses on a specific type of data source, CRIS systems, and the respective OpenAIRE guidelines, based on CERIF XML. A range of issues, spanning different aspects of information representation and exchange, needed to be addressed by the guidelines in order to define a complete solution for interoperability.

General information
State: Published
Organisations: Technical Information Center of Denmark, National Hellenic Research Foundation, Consiglio Nazionale delle Ricerche, JeiBee Ltd., Charles University, University of Minho
Authors: Houssos, N. (Ekstern), Jörg, B. (Ekstern), Dvořák, J. (Ekstern), Príncipe, P. (Ekstern), Rodrigues, E. (Ekstern), Manghi, P. (Ekstern), Elbaek, M. K. (Intern)
Number of pages: 6
Pages: 33-38
Publication date: 2014
Conference: 12th International Conference on Current Research Information Systems, Rome, Italy, 13/05/2014 - 13/05/2014
Main Research Area: Technical/natural sciences
Publication information
Journal: Procedia Computer Science
Volume: 33
ISSN (Print): 1877-0509
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BFI (2018): BFI-level 1
BFI (2017): BFI-level 1
BFI (2016): BFI-level 1
Scopus rating (2016): SJR 0.267 SNIP 0.705 CiteScore 0.88
BFI (2015): BFI-level 1
Scopus rating (2015): SJR 0.275 SNIP 0.825 CiteScore 0.85
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 1
Scopus rating (2014): SJR 0.258 SNIP 0.781 CiteScore 0.67
OpenAIRE Guidelines: Supporting Interoperability for Literature Repositories, Data Archives and CRIS

OpenAIRE – Open Access Infrastructure for Research in Europe – is moving from a publication infrastructure to a more comprehensive infrastructure that covers all types of scientific output. To put this into practice an integrated suite of guidelines were developed with specific requirements supporting the goal of OpenAIRE and the European Commission. This poster outlines the OpenAIRE Guidelines, highlighting the set of guidelines for Literature Repository Managers, for Data Archive Managers and for CRIS Managers.

General information
State: Published
Organisations: Technical Information Center of Denmark, University of Minho, University of Göttingen, Bielefeld University, National Hellenic Research Foundation, CERN, JeiBee Ltd.
Authors: Príncipe, P. (Ekstern), Rettberg, N. (Ekstern), Rodrigues, E. (Ekstern), Elbæk, M. K. (Intern), Schirrwagen, J. (Ekstern), Houssos, N. (Ekstern), Nielsen, L. H. (Ekstern), Jörg, B. (Ekstern)
Number of pages: 3
Pages: 92-94
Publication date: 2014
Conference: 12th International Conference on Current Research Information Systems, Rome, Italy, 13/05/2014 - 13/05/2014
Main Research Area: Technical/natural sciences

Publication information
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Volume: 33
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BFI (2018): BFI-level 1
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Scopus rating (2016): SJR 0.267 SNIP 0.705 CiteScore 0.88
BFI (2015): BFI-level 1
Scopus rating (2015): SJR 0.275 SNIP 0.825 CiteScore 0.85
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 1
Scopus rating (2014): SJR 0.258 SNIP 0.781 CiteScore 0.67
Web of Science (2014): Indexed yes
BFI (2013): BFI-level 1
Scopus rating (2013): SJR 0.243 SNIP 0.609 CiteScore 0.64
ISI indexed (2013): ISI indexed yes
BFI (2012): BFI-level 1
Knowledge grows when shared: The Launch of OpenAIRE, 2nd December in Ghent

Knowledge is one of the few commodities that don't devalue when used. Actually knowledge grows when shared and the free online access to peer-reviewed scientific publications is a potent ingredient the process of sharing. The sharing of knowledge is facilitated by the Open Access Movement. However Open Access is much more than downloading the PDF. Vice President of the European Commission and European Digital Agenda Commissioner Neelie Kroes boldly presented this message in the Opening Session of the OpenAIRE launch. On the 2nd December 2010 the official launch of OpenAIRE the European infrastructure for Open Access was launched in Ghent, Belgium. This project and initiative is facilitating the success of the Open Access Pilot in FP7 as presented earlier in this journal. In this brief article I will present some of the most interesting issues that were discussed during the first session of the day.

General information
State: Published
Organisations: Technical Information Center of Denmark
Authors: Elbæk, M. K. (Intern)
Pages: 4758
Publication date: 2010
Main Research Area: Technical/natural sciences

Publication information
Journal: ScieCom Info
Volume: 6
Issue number: 4
ISSN (Print): 1652-3202
Ratings:
ISI indexed (2013): ISI indexed no
ISI indexed (2012): ISI indexed no
ISI indexed (2011): ISI indexed no
Original language: English
Open Access
Electronic versions:
86927d01.pdf
Links:

Relations
Projects:
Knowledge grows when shared
Source: orbit
Source-ID: 279043
Publication: Research › Journal article – Annual report year: 2010

Fedora Content Modelling for Improved Services for Research Databases
A re-implementation of the research database of the Technical University of Denmark, DTU, is based on Fedora. The backbone consists of content models for primary and secondary entities and their relationships, giving flexible and powerful extraction capabilities for interoperability and reporting. By adopting such an abstract data model, the platform enables new and improved services for researchers, librarians and administrators.
The Library as a mediator for e-publishing: A case on how a library can become a significant factor in facilitating digital scholarly communication and open access publishing for less Web-savvy journals

Denmark is a small country but with a large and diverse scholarly publishing environment. There are many small journals, mostly in English. A majority of these see the potential in online publishing but do not have the resources and capabilities to do so. Furthermore they have a conservative business model (i.e. finances!) that doesn't encourage an open access publishing strategy. The Copenhagen Business School (CBS) Library provides a low risk environment for small journals related to the business school to make a gradual transition to e-publishing/e-archiving. Whether they at a later stage take the full step towards open access publishing remains to be seen. It is our firm belief that this gradual transition is essential for these smaller journals to eventually arrive online at all.

Personometrics: Mapping and Visualizing Communication Patterns in R&D Projects

People such as R&D engineers rely on communication with their colleagues to acquire information, get trusted opinion, and as impetus for creative discourse. This study investigates the prospects of using bibliometric citation techniques for mapping and visualizing data about the oral communication patterns of a group of R&D engineers. Representatives of the R&D engineers find the resulting maps – we term them personometric maps – rich in information about who knows what and potentially useful as tools for finding people with specific competences. Maps of old projects are seen as particularly useful because old projects are important entry points in searches for information and the maps retain information indicative of people’s competences, information that is otherwise not readily available. Face-to-face communications and communications via phone, email, and other systems are more ephemeral than scholarly citations, and (semi-)automated means of data collection are critical to practical application of personometric analyses.

Keyword: Expertise location, People finding, Personometrics
Facilitating open science to European research (FOSTER, GA 612 425)(39146)

FOSTER is a coordination initiative that aims to support the full range of stakeholders in the research lifecycle, but especially young researchers, in adopting Open Science principles (Open Access, Open Data, Open Note Book, Open Educational Resources, Social Media for dissemination of research results) in the context of the European Research Area (ERA) and in complying with the open access policies and rules of participation set out for Horizon 2020 (H2020).

FOSTER will focus on integrating Open Science principles and practice in the current research workflow by targeting the young researchers training environment. In addition, FOSTER will strengthen the institutional training capacity to maintain compliance with the open access policies in the ERA and H2020, and will facilitate the adoption, reinforcement and implementation of open access policies from other European funders, in line with the European Commission’s recommendation.

The project is coordinated by University of Minho.

The project is funded by EU, Horizon 2020.

Department of Civil Engineering
National Institute of Aquatic Resources
Research Secretariat
Office for Innovation & Sector Services
University of Minho
Georg-August-Universität Göttingen
Stichting Eifl.Net
Stichting Sparc Europe
Stichting Liber
University of Glasgow
Delft University of Technology
The Open University
Universytet Warszawski
Consortium Universitaire de Publications Numeriques (COUPERIN)
Consejo Superior de Investigaciones Científicas
University of Edinburgh
Period: 01/02/2014 → 31/07/2016
Number of participants: 4
open science, visibility, citations, reuse of research, impact, open access, open data, open notebook science, open code
Acronym: FOSTER
Project participant:
Grigorov, Ivo (Intern)
Elbæk, Mikael Karstensen (Intern)
Thomsen, Kirsten (Intern)
Qvistgaard, Nina (Intern)

Relations
Activities:
EGU2017-18355 Passive vs Active Knowledge Transfer: boosting grant proposal impact
40th CIESM Mediterranean Science Commission Congress: Mediterranean Science Commission, Annual Congress
LEARN-TEACH: a pilot to boost Ocean Literacy in High Schools
Euroscience Open Forum 2014
TOL2015: Transatlantic Ocean Literacy in support of Galway Declaration
RIO Research Idea &amp; Outcomes (Journal)
Winning Horizon2020 with Open Science: How to incorporate Open Science in competitive grant proposals

Publications:
Data Science Training for Librarians
Open Marine Science
An open science peer review oath

Press / Media items:
The journal of proposals, ideas, data and more: New journal aims to publish from ‘all stages of the research cycle’.
Data sharing: An open mind on open data: The move to make scientific findings transparent can be a major boon to research, but it can be tricky to embrace the change.

OpenAIRE: Open Access Infrastructure for Research in Europe
Technical Information Center of Denmark

University of Athens
Period: 01/12/2009 → 01/12/2012
Number of participants: 2
Acronym: OpenAIRE
Project participant:
Elbæk, Mikael Karstensen (Intern)
Project Manager, organisational:
Hatzopoulos, Mike (Ekstern)

Financing sources
Source: Forsk. EU - Rammeprogram
Name of research programme: Forsk. EU - Rammeprogram
Amount: 31,028,427.00 Danish Kroner

Relations
Publications:
Knowledge grows when shared

DRIVER-II: Networking European Scientific Repositories
Considered the largest initiative of its kind in helping to enhance repository development worldwide, DRIVER is a multi-phase effort whose vision and primary objective is to create a cohesive, robust and flexible, pan-European infrastructure for digital repositories, offering sophisticated services and functionalities for researchers, administrators and the general public. DRIVER has established a network of relevant experts and Open Access repositories. DRIVER-II will consolidate these efforts and transform the initial testbed into a fully functional, state-of-the art service, extending the network to a larger confederation of repositories. DRIVER is integral to the suite of electronic infrastructures that have emerged in the worldwide GÉANT network and is hence funded under the e-Infrastructures call of the European Commission’s 7th
framework programme. It aims to "... optimise the way the e-Infrastructure is used to store knowledge, add value to primary research data and information making secondary research more effective, provide a valuable asset for industry, and help bridging research and education."

Technical Information Center of Denmark

Goettingen State and University Library
Period: 01/12/2007 → 01/12/2009
Number of participants: 7
Contact person:
Sandfaer, Mogens (Intern)
Heller, Alfred (Intern)
Project participant:
Neuroth, Heike (Ekstern)
Elbaek, Mikael Karstensen (Intern)
Pedersen, Gert Schmeltz (Intern)
Project Manager, organisational:
Lossau, Norbert (Ekstern)
Peters, Dale (Ekstern)

Financing sources
Source: Forsk. EU - Rammeprogram
Name of research programme: Forsk. EU - Rammeprogram
Amount: 20,000,000.00 Danish Kroner
Project

Activities:

Data Scientist Training for Librarians
Period: 9 Sep 2015 → 11 Sep 2015
Mikael Karstensen Elbaek (Organizer)
Office for Innovation & Sector Services
Technical Information Center of Denmark

Description
Organizing Data Scientist Training for Librarians

Related event

Data Scientist Training for Librarians
09/09/2015 → 11/09/2015
Lyngby, Denmark
Activity: Attending an event › Participating in or organising a conference

CERN Workshop on Innovations in Scholarly Communication
Period: 18 Jun 2015
Mikael Karstensen Elbaek (Invited speaker)
Office for Innovation & Sector Services
Technical Information Center of Denmark

Description
Open Access Barometer to Open Access Indicator: lessons learned from the journey from idea, to a prototype to become instrumental for the Danish Open Access strategy.

Monitoring progress towards Open Access - tools for institutions, funders and other decision makers
Links:
http://www.slideshare.net/elbaek/open-access-indicator-oai9-18062015 (Presentation on Slideshare)

Related event
Knowledge Exchange Research Data Expert Group (External organisation)
Period: 1 Jun 2015
Mikael Karstensen Elbæk (Participant)
Office for Innovation & Sector Services
Technical Information Center of Denmark

Description
The Research Data Expert Group consists of representatives from both KE partner organisations and strategic stakeholders from the scientific infrastructure communities (e.g. data archives and libraries).

The expert group is working on the following issues:
• Establishing a clearer idea of where strategy and policy might align among partner communities. Make a network available to exchange expert advice and opinion on issues of policy and strategy and establish dialogue and relationships with various stakeholders.

• Establishing a network of peers, informed and aware of policy implications and strategic developments of the partner organisations addressing the challenges of managing research data.

• Informing the EU Commission of the Knowledge Exchange partners’ views on preferred infrastructural developments and supporting the open data movement.

Degree of recognition: International

Related external organisation
Knowledge Exchange Research Data Expert Group
Activity: Membership › Membership of research networks or expert groups

CERN Workshop on Innovations in Scholarly Communication
17/06/2015 → 19/06/2015
Geneva, Switzerland
Activity: Talks and presentations › Conference presentations

OpenAIRE Interoperability Workshop
Period: 8 Feb 2013
Mikael Karstensen Elbæk (Invited speaker)
Technical Information Center of Denmark

Description
OpenAIRE Guidelines for Data Archive Managers

Related event
OpenAIRE Interoperability Workshop
08/02/2013 → …
Braga, Portugal
Activity: Talks and presentations › Conference presentations
OAi6 workshop (OAI); 6
Mikael Karstensen Elbæk (Speaker)
Technical Information Center of Denmark
Links:
http://www.unige.ch/workshop/oai6/ (REL-OA)

Related event

OAi6 workshop (OAI); 6: the 6th Workshop on Innovations in Scholarly Communication
17/06/2009 → 19/06/2009
Geneva, Switzerland
Activity: Talks and presentations › Conference presentations

DRIVER-II Summit
Mikael Karstensen Elbæk (Participant)
Technical Information Center of Denmark
ePub

Description
The two-day summit is by invitation only and will be held at Goettingen State and University Library, Germany. DRIVER responds to the vision that all relevant scientific content should be easily accessible through internet-based infrastructures. Achieving this vision reaches beyond technology - it is also the organisational dimension that allows a stable and trusted network of content providers. DRIVER is working with repository federations in Europe, and reaches out to further international communities (for example in the US, China, India, and Africa) in order to determine the practical requirements for a confederation of digital repositories.

Related event

DRIVER-II Summit
16/01/2008 → 17/01/2008
Göttingen, Germany
Activity: Attending an event › Participating in or organising a conference