

Action plan 2018 – 2019

Big Data Special Interest Group (SIG), sponsored by IT Section

Objectives of Professional Unit 2018-19:

1. *Contribute to the knowledgebase in IFLA that will enable librarians to assist researchers and themselves to use modern techniques and tools to analyse data and make new discoveries (Key Initiative 2.2, Activity 2.2.2: Promote the Hague Declaration on Text and Data Mining – with specific reference in the “Roadmap to Action” to create infrastructure and tools to analyse big data).*
2. *Help establish librarians’ competencies for data management, data governance, and data literacy (Key Initiative 1.1, Activity 1.1.2: Expand and promote a framework for media and information literacies – with specific reference to **data literacy** which is currently not included in the scope).*
3. *Contribute to gathering a strong evidence base to inform current and future policy work on openness and access to data, information and knowledge (Key Initiative 2.1: Defining a long-term, sustainable information environment).*

Objectives	Project or activity	Main tasks	Responsibilities and timeline	Resources	Communications	Measures of success	Progress (mid-term)
1. Contribute to the knowledgebase in IFLA that will enable librarians to assist researchers and themselves to use modern techniques and tools to analyse data and make new discoveries	Present workshop on data science techniques for libraries.	Connect with the RDA Summer School and CODATA to shape a data science curriculum specifically for libraries	Wouter Klapwijk November 2018 – July 2019	IFLA funds to help adapt the RDA / CODATA standard data science curriculum, and host a data science workshop as part of a WLIC2019 pre-	Report back via Annual Report, and SIG listserv.	Improved awareness in IFLA community on data science techniques and tools, with new appreciation what they can offer.	Initiated discussions with RDA at IDW2018 conference.

	Share case studies of successful big data projects in libraries.	Host WLIC2019 satellite meeting to allow for the sharing of successful case studies and related research projects.	Satellite meeting organising committee to be appointed – December 2018.	Host institution commitment. Registration fee levied.	conference satellite meeting IFLA website and SIG listerv.	Satellite meeting was successfully hosted with an approximate attendance figure of 100 delegates.	Satellite meeting proposal being prepared.
2. Help establish librarians' competencies for data management, data governance, and data literacy	Create a Task Force to produce a number of competency profiles that will help build capacity in libraries for supporting new roles in the area of data science.	Connect with COAR to assist in this regard, using related work for Scholarly Communication and Research Data Management as a benchmark.	Almudena Caballos Villar; Wouter Klapwijk – August 2019.	None required	SIG listserv; IFLA website.	An IFLA library community that is increasingly more data literate.	None
	Develop a Data Science Framework document to give direction to the scope and adoption of	Develop draft framework document for comment and further input by SIG community.	Wouter Klapwijk; IT Section Standing Committee – March 2019.	None required	SIG listserv; IFLA website.	A framed approach to data science in libraries – with common vocabulary.	First draft framework document produced – 25 October 2018

	data science practices in libraries	Finalise document based on input received. Publish framework document to SIG website.					
3. Contribute to gathering a strong evidence base to inform current and future policy work on openness and access to data, information and knowledge	Prepare guidelines and literacy training for academic and research libraries, to advocate for the benefits of content mining as part of libraries' activities in research support.	Investigate if similar guidelines already exist	No target date and responsibilities defined yet.	None	Not yet decided	Academic and research libraries that advocate for openness to research data to allow for content mining for the purpose of big data analytics.	None as yet.

Resource requirements

If you wish to request resources for any of your planned activities, ensure the details above are complete, then copy the project and task details from above and add the necessary detail below.

This replaces the Project Funding Application form used in previous years. It is therefore extremely important that you submit it to your Division Chair and HQ by the deadline 30 October 2018.

The Professional Committee will agree in the December PC meeting a draft allocation of funds for anticipated reimbursements during 2019. Following confirmation of the level of PC Funds for 2019, the Division Chairs and HQ Professional Support Officer will communicate with Units in January/February to finalise the details. The PC would also appreciate hearing about resource requirements you already anticipate for 2020.

<p>Project or activity and Main task <i>Use your list above</i></p>	<p>Connect with the RDA Summer School / CODATA to shape a data science curriculum specifically for libraries.</p>
<p>Resources <i>Do you need specific skills, money or technology? For what do you need resources in relation to this task? Match your needs again the resources listed below*</i></p>	<p>Data Science curriculum skills will be harnessed from the RDA Summer School program, and regional CODATA offices as required.</p> <p>Resources are needed to produce training materials, whether in hard-copy or electronic format.</p>
<p>Amount of funding. How much money would you like to request from Professional Committee Funds? <i>Explain your rationale for the estimated amount in each case.</i></p>	<p>EUR 2 000.</p> <p>Two thousand Euros should be sufficient funding to produce hard copy of training materials as well as other administrative expenses in adapting current learning material to include a specific slant for library data sciences practices. Some of the learning material will be entirely new content, so it is difficult to quantify the exact expense needed to produce the material.</p>
<p>Timing. When would the money need reimbursement? <i>Usually reimbursements are made on production of invoices following completion of the work, however, pre-payment can be arranged in some circumstances</i></p>	<p>July 2019.</p>

* Resources

Use the following list in order to identify what kind of activity needs resourcing and therefore what details the PC will expect to read. If you have other details or requests, do not feel restricted to this list:

1. Project meeting (please note that the PC Funds are extremely limited so physical meetings that need funding are not encouraged unless necessary to move a project forward urgently; please try to conduct discussions online or via telephone conference and coordinate your work online where at all possible) –
 - a. why is the meeting needed and why can it not be conducted online,
 - b. who needs funding (give names),
 - c. where is the meeting planned and when (if known),
 - d. what costs cannot be covered by the project participant themselves (hotel, flight, local travel, subsistence);
2. Publications –
 - a. what document(s) need funding support,
 - b. how many copies need printing, if any,
 - c. what services are required, if any (editing, design, proof-reading, etc.),
 - d. delivery of the document (from where, to where, why);
3. Meeting/workshop logistics – (if this is a project team meeting, see above), ensure there are details to describe the meeting appended when you submit this funding request to the PC (how many people are expected, what are the objectives, who are you partnering with, when and where is it anticipated it will take place, who will be the local organiser),
 - a. what logistics need funding (computers, room hire, refreshments, printing),
 - b. what participant costs might need support (travel, accommodation),
 - c. what trainer costs are there (honorarium, travel, accommodation),
 - d. by what other means is the event being funded (participants' own costs, sponsors, etc.). Give details;
4. Webinar –
 - a. What is being planned and with whom,
 - b. Who is the target audience,
 - c. What technical requirements are there;
5. Software –
 - a. What software is required and why;

6. Advocacy materials –
 - a. See the relevant number above (project meeting, publication, webinar, etc.);
7. Other - funding item not covered by the categories above.