



# IFLA Section Academic and Research Libraries

## IFLA ARL 2022 Country Annual Trend Report Summary

Group	Theme	Country	Practices, projects, activities
1	Policy development	Australia	Participation in Australian Research project EaaS (emulation as a service infrastructure) as partner investigators.
		Canada	Institutional research data strategies must be written and posted publicly by March 2023 as part of compliance with the Tri-Agency Research Data Management Policy.
		Denmark	Implementing the National Strategy for Higher Education.
		Finland	War in Ukraine: All co-operation was ended with Russian institutions, including the libraries. Inter-library loan to Russia and the Belarus were stopped, as were any orders and subscriptions from Russian or Belarussian publishers.
		Estonia	
		Finland	The National Open Scholarship policies and practical guidelines have been drafted and universities and research organizations have updated their own policies to align with them.
		S-Africa	National data policy and other initiatives.
		USA	Advocate for an information policy environment in which research libraries advance the progress of knowledge; Bridge research policy and practice through engagement with research partners, stakeholders, and decision-makers, resulting in opportunities to collectively inform and shape the research and learning ecosystem.
2	Library management	Estonia	Partnering with Ministry of Education and Research to compile national open science framework.
		Australia NZ	Building Sustainable Leadership.
		Finland	Return to campus after Covid-19 is necessary to get the university community back together.
		France	As BnF in extends beyond Paris, there is the need to rationalize this network and to provide storage



# IFLA Section Academic and Research Libraries

		NZ  USA    Estonia	<p>capacity for the coming decades calls for another major site.</p> <p>Ongoing focus on managing costs; The need for greater agility in libraries.</p> <p>Implement a strategy for leadership and organizational development through programming and events that develop library deans, directors, and staff to meet the challenges and opportunities presented by the significant changes underway in research, teaching, and learning; Deepen and expand the understanding of the research library's value by key stakeholders in the research and learning ecosystem through communication.</p> <p>How to survive an energy crisis (staff, building, services etc)</p>
3	Library as a study and working environment	Finland  NZ  Estonia	<p>Use of building space has to be reconsidered to provide safe study and working environments. Physical space management on campuses.</p> <p>Improving library as a physical space: energy crisis brings more people to the library, at the same time the conditions worsen.</p>
4	Library systems and consortiums	Botswana  Denmark    Hong Kong   Estonia	<p>The Botswana Library Consortium, shared subscription costs</p> <p>Move towards a single common library system among all university libraries and university college libraries; Implementing institutional policies and support and competencies for data stewardship, research data management and new research tools.</p> <p>JULAC implemented a new shared integrated library system since 2017, upgrade completed in July 2022.</p> <p>A new library system is under discussion, to unify the system all over the country and for different types of libraries.</p>
5	Staff development	Bangladesh	Hybrid trainings for professional developments,



## IFLA Section Academic and Research Libraries

		<p>Botswana</p> <p>Canada</p> <p>Hong Kong</p> <p>NZ</p> <p>USA</p> <p>Estonia</p>	<p>collaboration between academic librarians and LIS academics</p> <p>Training to library staff to learn foundational skills in Open Refine.</p> <p>CRKN is hosting professional development opportunities via their annual conference and webinars.</p> <p>Programm "JULAC Instructional Librarians – Refresher &amp; Capacity Building for 2022 – Instructional Design &amp; Engaging Information Literacy Teaching, Learning, &amp; Assessment". Staff capacity building.</p> <p>Expand professional development opportunities for assessment and advocacy of the contributions towards impact of academic libraries; Equip the academic library workforce to effectively lead, manage, and embrace change, advocate for their communities, and serve as a catalyst for transformational change in higher education.</p> <p>Improving skills of library staff on various new topics like cybersecurity and GDPR</p>
6	Inclusive library	<p>Australia</p> <p>NZ</p> <p>Bangladesh</p> <p>Canada</p> <p>USA</p>	<p>Embed a culture of respect and recognition for information and KM practices; Strengthening community identity.</p> <p>User engagement: virtual programs, webinars, competitions, discussion sessions, celebration of national and international events.</p> <p>Declaration of the Freedom of expression and inclusive libraries strives to reconcile "and advance both freedom of expression and inclusion as core values within the research library context."</p> <p>Promote the creation of diverse, equitable, and inclusive work environments, services, and collections by member institutions; Increase diversity, cultivate equity, and nurture inclusion in the academic library workforce.</p>
7	New services and resources, innovation	<p>Bangladesh</p> <p>France</p>	<p>Usage social media platforms for the promotion.</p> <p>BnF will set up new premises in the city of <a href="#">Amiens</a>, to develop a National Newspapers Repository providing storage, restoration and digitization capacity, and on-site services.</p>



## IFLA Section Academic and Research Libraries

		<p>Hong Kong</p> <p>NZ</p> <p>USA</p> <p>Estonia</p>	<p>AI, Big Data, VR and Metaverse for Education has been becoming popular in the higher education in Hong Kong.</p> <p>Changing collection management strategies and the move towards new library systems, platforms, cloud based technologies, e.g. SAS, Folio; Continued growth of library research. ARL launched <a href="https://www.knowyourcopyrights.org/">KnowYourCopyrights.org</a>;</p> <p>The academic and research library workforce effectively fosters change in academic libraries and higher education environments.</p> <p>Organizing the hybrid Vision Conference of Estonian Research Libraries (22.11.22); Project MIRKO: Libraries are transferring books all over Estonia; Implementing AI in libraries, for example for subject indexing.</p>
8	Library as a training centre	<p>Australia</p> <p>Bangladesh</p> <p>NZ</p> <p>S-Africa</p> <p>USA</p> <p>Estonia</p>	<p>Lifelong learning, student success, digital dexterity, career readiness and new learning paradigms, national partnerships, work with academics.</p> <p>Hybrid information literacy programm.</p> <p>Promotion of digital dexterity in both students and staff.</p> <p>Digital and Information Literacy Training.</p> <p>Advance equitable and inclusive pedagogical practices and environments for libraries to support student learning.</p> <p>Library has formed to a training center: the number of given (e)-courses has enormously increased: information literacy on different levels, RDM, publishing, bibliometrics etc.</p>
9	Participation in (global) networks	<p>Botswana</p> <p>Germany</p> <p>S-Africa</p>	<p>Participation in Global Forums.</p> <p>Onsite conferences have started again to promote networking.</p> <p>Hybrid conferences and online conferences and webinars are becoming a norm.</p>
10	Open Science, Open Scholarship	<p>Australia</p> <p>Botswana</p> <p>Denmark</p> <p>Finland</p>	<p>Open Research Toolkit.</p> <p>Workshops, conferences, symposiums.</p> <p>Implementing institutional OS policies and the national ambition for increased OA before 2025.</p> <p>The National Open Scholarship policies and</p>



## IFLA Section Academic and Research Libraries

		NZ	practical guidelines have been drafted and universities and research organizations have updated their own policies to align with them.
		USA	Increased interest in and use of open educational resources.
		Estonia	Enhance members' capacity to address issues related to scholarly communication, including but not limited to data management, library publishing, open access, and digital scholarship, and power and privilege in knowledge creation systems.
			Promoting and teaching open science skills in the universities in the framework of ENLIGHT project; creating a Researcher's Open Science Toolkit; Citizen Science, LibOCS project: University libraries strengthening the academia-society connection through citizen science in the Baltics.
	OA, Transformative agreements	Australia	Libraries and Open Publishing Case Studies, Read and Publish Agreement.
		Bangladesh	Promoting benefits of OA resources.
		Botswana	UB has signed transformative agreement with Wiley publishers. The Botswana Library Consortium facilitates access to scientific knowledge through shared subscription costs
		Canada	CRKN actively negotiating transformative agreements on behalf of members.
		Denmark	License consortia deals after Elsevier and other major publishing houses; implementing institutional OS policies and the national ambition for increased OA before 2025.
		Finland	The Finnish consortium for electronic resources, FinElib, has negotiated new transformative agreements, such as Nature Research and ACM. The consortium has been negotiating with fully OA publishers to secure consortium deals for the Finnish academia.
		Germany	Transformation towards open access/ "DEAL Operations", a read and publish agreement with (SpringerNature and Wiley); OA projects to support new publishing platforms or the development of new tools to make open access publishing easier.



## IFLA Section Academic and Research Libraries

		Hong Kong	Research Grants Council endorsed the Open Access Plan in 2021. OA publishing has been increasing since the launch of the Plan; JULAC Libraries have arranged the transformative agreements with publishers.
		NZ	Open access – progress in institutions offering to pay authors' APCs.
		S-Africa	South African academic libraries have transformative agreements with the Association of Computing Machinery, Cambridge University Press Journals, Emerald, Wiley, SCOAP3, Royal Society of Chemistry Journals, SpringerNature and Sage Journals.
		USA	Multi-institutional open publishing agreements.
11	Open research outputs, open and FAIR Data	Australia Denmark	FAIR and Open Non-Traditional Research Outputs Implementing institutional policies and support and competencies for data stewardship, research data management and new research tools.
		Hong Kong	Supported by the Universities, various research data services have been rolled out.
		S-Africa	National data policy and other initiatives
12	Digitalization, digital preservation	France	Developing a National Newspapers Repository providing storage, restoration and digitization capacity, and on-site services; NewsEye project.
		Germany	The COVID 19 pandemic has greatly advanced digitization in academic libraries, with virtual consulting, online seminars, etc.
		Estonia	Digitizing and forming good quality e-collections (suitable for TDM). The EODOPEN project focuses on bringing European 20th and 21st century digitally-hidden stacks to the public by directly engaging with communities in the selection, digitisation and dissemination.
13	Online remote access to content and services	Australia NZ	Collaborative projects to improve collection of online publications
		Bangladesh	Participation in Digital Preservation Coalition.
		S-Africa	Remote access to content and services, Inter-Library Loan Forum.
			Strengthening online textbook collections.
14	Research Infrastructure	Canada	Digital Research Alliance of Canada: RI for



## IFLA Section Academic and Research Libraries

		Germany	advanced research computing, research data management, and research software. NFDI, national infrastructure for research data, took considerable efforts to establish networks e.g. education plans, publishing platforms, standards.
		S-Africa	At least four universities in the country are involved in efforts to get their data repositories certified by CoreTrustSeal.
		Estonia	Improve the e-infrastructure for researchers like digital repositories for publications and data. Working in the EOSC-Nordic Network to become a provider in European Open Science Cloud; working in the project Skills4EOSC to train researchers.
15	Research impact, assessment, bibliometrics	Botswana	Bibliografic research; Training researchers on Research Impact and Bibliometrics.
		Germany	Reform of the research assessment system and development of the publication system
16	UN SDG	Australia	Sustainability
		NZ	
		Denmark	The role of libraries and the possible SDG certification of both public and academic libraries.
		Estonia	SDG goals: dealing with energy crisis, installing solar panels on the librerie's roof
17	Covid-19 and post-Covid	Finland	Return to campus; a lot of anxiety as well as relatively high numbers of sick leaves. Some library would prefer to continue working remotely. Return to campus is necessary to get the university community back together.
		Germany	The COVID 19 pandemic has greatly advanced digitization in academic libraries, with virtual consulting, online seminars etc.; first onsite conferences have started again to promote networking.
		NZ	Ongoing focus on managing costs (and therefore reduced staffing) as a result of decreased revenue from international students, following the COVID pandemic.
		Estonia	