

From streams to oceans

Libraries informing sustainability of aquatic resources

#IAMSLIC2022

48th IAMSLIC Annual Conference
4th Grupo Regional Latinamericano Meeting

Montevideo, Uruguay and online (Hybrid)

Pre-conference: **17 October, 2022**

Main conference: **18-21 October, 2022**



TABLE OF CONTENTS

IAMSLIC Officers	3
Conference Overview	4
Sponsors and Partners	5
Code of Conduct	7
Zoom Information	8
Conference Schedule	10
Presentations and Panels Abstracts	19
Our Presenters	35
Acknowledgements	40

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IAMSLIC OFFICERS

The Executive Board and the 2022 Conference Planning Committee of the 48th Annual Conference of the International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) and the 4th Latin American Regional Group Meeting welcomes you to our first ever Hybrid conference.

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CONFERENCE OVERVIEW

The planning committee of the 48th Annual Conference of the International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSILIC) and the 4th meeting of the Latin American Regional Group (LARG) welcomes you to our conference on 18-21 October 2022, with a pre-conference on 17 October 2022.

This year's conference is HYBRID featuring both in-person and virtual participation. This means that live sessions will be presented in person at [DINARA – Dirección Nacional de Recursos Acuáticos](#) in Montevideo, Uruguay and will be streamed virtually. Wherever you are located, you can participate! All recorded sessions will be made available for participants.

The 2022 conference theme is **“From streams to oceans: Libraries informing sustainability of aquatic resources.”** Our World is a shared environment; our inland waters, seas, and oceans sustain us and connect us. As we gather, both physically and virtually, we come from different continents, cultures, and experiences. We represent varied organizations that care about the sustainability of our aquatic and marine resources. As library and information professionals, we support and document the invaluable research that contributes to the protection of our waters and the abundant life that dwells within and around them.

This conference offers an ideal opportunity to exchange our ideas about the role of libraries as we do our part to sustain aquatic resources. Through a varied selection of presentations as well as our informal conversations, we will learn from each other, find inspiration, explore initiatives, and even develop new collaborations to advance the field of aquatic sciences information.

2022 IAMSILIC Conference Planning Committee:

- Saida Messaoudi (Chair)
- Aída Sogaray (Host)
- Stephen Alayon
- Angela Clark-Hughes
- Jaime Goldman
- Kristen LaBonte
- Hannah Russell
- Jeanine M. Scaramozzino
- Geoff Timms
- Jennifer Walton

CONFERENCE SPONSORS AND PARTNERS

Thank you Dirección Nacional de Recursos Acuáticos (DINARA) - Ministerio de Ganadería, Agricultura y Pesca de Uruguay (MGAP) for your hospitality in providing conference facilities, refreshments, and assistance with transport!



Ministerio
**de Ganadería,
Agricultura y Pesca**

Dirección Nacional
de Recursos Acuáticos

Thank you for the pre-conference event and for ensuring accessibility during our conference with your kind provision of translation services!



IAMS LIC gratefully acknowledges the support of Proquest whose generous contribution have enabled us to support conference events.



Part of **Clarivate**

IAMSILIC CONFERENCE CODE OF CONDUCT

The International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSILIC) encompasses all aspects of aquatic and marine sciences and their allied disciplines. The association provides a forum to exchange and explore ideas and issues of mutual concern.

All attendees, speakers, sponsors, and volunteers at our conference are required to agree with the following code of conduct. Organizers will enforce this code throughout the event. We expect cooperation from all participants to help ensure a safe environment for everybody.

IAMSILIC is committed to providing a welcoming, safe and harassment-free conference experience in which diverse participants may learn, network and enjoy the company of colleagues in an environment of mutual human respect and regardless of gender, sexual orientation, gender identity, gender expression, disability, age, physical appearance, ethnicity, religion or other group identity or political beliefs.

We do not tolerate harassment of conference participants in any form. Sexual language and imagery are not appropriate for any conference venue, including talks, workshops, parties, and social media. Conference participants violating these rules may be sanctioned or expelled from the conference without a refund at the discretion of the conference organizers.

Prepared by the IAMSILIC Task Force on Conference Code of Conduct and approved by the IAMSILIC Executive Board during its online monthly meeting on May 14, 2020.

[View official document online](#)

ZOOM INFORMATION

The virtual conference will take place on Zoom. A link to join the Zoom meeting will be sent out to all participants. The conference link for all days (18-21 October) will be the same.

If you have not used Zoom before, please refer to their [Getting Started Page](#) and [Video Tutorials Page](#).

The unedited conference presentations will be recorded and made available each day. You will receive a link to the recordings as soon they are available. This is to allow participants in multiple time zones to view sessions that they may missed.

Suggestions for Presenters / Speakers

- ☒ Use a headset with a mic if possible – for an optimal audio experience for you and the attendees.
- ☒ Avoid sitting with your back to a bright light source – this causes a silhouetted appearance.
- ☒ Think about the background and what people can see. If you choose to use a virtual background, remember that they utilize more of your computer's power.

Suggestions for all Attendees / Zoom Best Practices

- ☒ Join the meeting a few minutes early, if possible, to make sure everything is working and giving you enough time to make adjustments if needed.
- ☒ make sure that you have updated to the latest version of Zoom before the meeting starts.
- ☒ Make sure your rectangle has your full name displayed. If you are new to Zoom, you will be asked to type in your name when you sign in for the first time.

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

- ☐ Enter the meeting muted – as others might already be engaged in conversations. Also, please remain muted when you are not talking to minimize feedback. Feel free to unmute yourself to ask a question or to contribute to the discussion.
- ☐ Mute other devices and apps – like your cell phone or programs on your computer that might send distracting notifications.
- ☐ If you have questions, please put them in the chat and they will be addressed by the moderator.
- ☐ When you speak or ask questions following a presentation, please say your name (first and last). There will be a lot of us online and it will help us identify who is speaking.

CONFERENCE SCHEDULE

To compare Uruguayan time to your time zone, please refer to [Time Zone Converter - Time Difference Calculator](#). Add your location, then change the Uruguayan date and time

Pre-conference, Monday, October 17

TIME (Montevideo, Uruguay)	SESSION INFORMATION
09:00 - 09:15	Registration and speaker setup
09:15 - 10:30	Seminar Introducing ASFA 3.0 <i>Maria Kalentsits and Tamsin Vicary</i> <i>FAO-ASFA Secretariat</i> Open to all conference attendees and DINARA staff, this session will introduce the ASFA Partnership and recent improvements implemented by the ASFA Secretariat to promote and disseminate Aquatic Science and Fisheries research. Having celebrated its 50th anniversary in 2021, ASFA is a well established network best known for its database, available on the ProQuest platform to subscribers only. However, the activities of the partnership extend far beyond the database and in recent years have extended to: a free to use subset of the database on fao.org; a thesaurus of aquatic science terms, available freely online as linked open data; collection and analysis of aquatic science research; publications including the twice yearly ASFA Magazine; and training and outreach efforts to promote the dissemination of research. This seminar will present these activities as well as provide opportunities for individuals and institutions to join ASFA and benefit from participating in an international network.
10:30 - 11:00	Break
11:00 - 12:30	OpenASFA Drop-in Session <i>Maria Kalentsits and Tamsin Vicary</i> <i>FAO-ASFA Secretariat</i> The ASFA Secretariat will provide an informal training session on OpenASFA (https://www.fao.org/fishery/en/openasfa) and discussion on the benefits of using the system to promote aquatic science and fisheries research. Whilst being most relevant to ASFA Partners, Collaborating Centres or Associates, the session is open to anyone interested in contributing to OpenASFA. The session will also provide a platform to activities of the ASFA Latin America and Caribbean Regional Network.
12:30 - 13:00	Lunch Break

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

TIME (Montevideo, Uruguay)	SESSION INFORMATION
09:00 - 09:15	Registration and speaker setup
09:15 - 09:45	Conference Welcome & Opening (In person) <i>Dr. Jaime Coronel, Director, DINARA-MGAP</i> <i>Angela Clark-Hughes, President, IAMSLIC</i> <i>Aida Sogaray, Host</i>
09:45 - 10:00	About DINARA (Talk - In person) <i>Dr. Santiago Caro Ros, Director of Institutional Communication, Library and IT</i> <i>DINARA, Montevideo, Uruguay</i>
10:00 - 10:15	SIDALC in Uruguay: cooperation from a historical perspective (Talk - In person) <i>Aida Sogaray¹ & Alicia Diaz²</i> ¹ <i>DINARA, Montevideo, Uruguay</i> ² <i>Facultad de Veterinaria, Uruguay</i>
10:15 - 10:30	Keynote 1 SIDALC Alliance. Innovation focused on products and services for the agricultural sector (Talk - Live Online) <i>Ing. Manuel Hidalgo Oconitrillo</i> <i>Instituto Interamericano de Cooperación para la Agricultura (IICA), San José, Costa Rica</i>
10:30 - 11:00	Group Photo, Break and DINARA video : Captura y marcación de Gatuza (Mustelus schmitti) [Narrownose Smooth-hound] / Capture and marking of Gatuza (Mustelus schmitti) [little shark] (2':00")
11:00 - 11:30	Managing a Library during a pandemic: Challenges faced in information provision by National Fisheries Resources Research Institute NaFIRRI Library, Information and Data Centre during the Covid-19 pandemic (Talk - Live Online) <i>Alice Endra</i> <i>National Fisheries Resources Research Institute, NaFIRRI - Jinja, Uganda</i>
11:30 - 12:00	Library of the National Museum of Natural History of Uruguay (Talk - In person) <i>Diego Rivero</i> <i>Museo Nacional de Historia Natural, Montevideo, Uruguay</i>
12:00 - 12:30	Data on the academic libraries of Mexican Universities with undergraduate and postgraduate studies marine biology (Talk - Live Online) <i>Teresa de J. Barriga Ramírez, Laura M. Pérez Rojas, José Luis Ortiz Galindo</i> <i>Centro Interdisciplinario de Ciencias Marinas del Instituto Politécnico Nacional (CICIMAR-IPN), Mexico</i>
12:30 - 13:00	Lunch Break & DINARA video: Isla de Lobos a la captura del Mejillón (Mytilus edulis platensis) / Lobos Island for mussel fishing (13':59")
13:00 - 14:00	New Resources for Libraries informing sustainability of aquatic resources (Talk - Live Online) <i>Kristin Culp, Ed Voss</i> <i>ProQuest, part of Clarivate</i>

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
[From streams to oceans](#)

14:00 - 14:30	Voyage from Print to Electronic (Talk - In person) <i>Jan S Sung</i> <i>University of Hawaii at Manoa- Honolulu, HI, USA</i>
14:30 - 14:40	Break
14:40 - 15:10	Preserving Historical HOV Film for Science and Society (Talk - Live Online) <i>Lisa Raymond, Audrey Mickle, Karen Urbec</i> <i>Woods Hole Oceanographic Institution, Massachusetts, USA</i>
15:10 - 15:40	Marine turtles in Cuba: patterns of scientific production (Talk - In person) <i>Ruby Thomas-Sánchez</i> <i>Fisheries Research Center, La Habana, Cuba</i>
15:40 - 15:55	A look at the master's theses of the Department of Resources of the Sea, housed in the library collection of the CINVESTAV Unit Mérida, as an information tool (Poster Presentation - Live Online) <i>Lilian Espinal</i> <i>CINVESTAV Unidad Mérida, Mexico</i>
15:55 - 16:05	Break
16:05 - 16:35	Collection connections: a library vignette on democratization of aquatic science knowledge (Talk - In person) <i>Amanda L. Whitmire</i> <i>Hopkins Marine Station, Stanford University, Pacific Grove, California, USA</i>
16:35 - 17:05	IODE, Promoter of the data and information of the libraries specialized in Marine and Aquatic Sciences of the GL (Talk - Live Online) <i>Teresa de J. Barriga Ramírez¹, Laura M. Pérez Rojas¹, José Luis Ortíz Galindo¹, Aida Sogaray²</i> <i>¹Centro Interdisciplinario de Ciencias Marinas del Instituto Politécnico Nacional (CICIMAR-IPN), México.</i> <i>²DINARA, Uruguay</i>
17:05 - 17:15	Closing session Conference information and Day 2 announcements <i>Dr. Santiago Caro Ros, Director of Institutional Communication, Library and IT</i> <i>DINARA</i>
20:30	Opening dinner and show at El Milongón

IAMS LIC 2022 Conference – Program at a glance – Day 2, Wednesday, October 19

TIME (Montevideo, Uruguay)	SESSION INFORMATION
09:00 - 09:15	Registration and speaker setup Welcome & Opening <i>Aida Sogaray, Host</i>
09:15 - 10:15	Regional and Board Meetings (Breakout Rooms)
10:15 - 10:30	Break & DINARA video: DINARA y sector pesquero- año 2022 / DINARA and the fishing sector - 2022 (8':00'')
10:30 - 10:45	Keynote 2 Environmental sciences libraries as a force for good in a world of skepticism and disillusion (Talk - In person) <i>Lic. Julia Demasi Zavala.¹ & MSc. Elvira Demasi Zavala²</i> ¹ President, ABU - Asociación de Bibliotecólogos del Uruguay ² Área de Estudios Turísticos - UDELAR. Montevideo, Uruguay
10:45 - 11:15	Blue Bioeconomy: What is it and how can libraries help raise awareness? (Talk - Live Online) <i>Majbritt Bolton-Warberg</i> <i>Marine Institute - Galway, Ireland</i>
11:15 - 11:30	Streams that do not reach the ocean: designing a library service from the Valcheta stream (Talk - In person) <i>Silverio Ortiz</i> <i>Universidad Nacional del Comahue, General Roca, Argentina</i>
11:30 - 12:00	Full steam ahead: AquaDocs in operation (Talk - Live Online) <i>Ekaterina Kulakova¹, Sally Taylor², Pauline Simpson³, Jennifer Walton⁴, Maria Kalentsits⁵ & Tamsin Vicary⁵</i> ¹ Russian Federal Research Institute of Fisheries and Oceanography (VNIRO) Russia ² Woodward Library, Canada ³ UNESCO/IOC Project Office for IODE, Belgium ⁴ MBLWHOI Library, MA, USA ⁵ FAO-ASFA, Rome, Italy
12:00 - 12:30	The Role of University Libraries in the Achievement of Sustainable Development Goals Focusing on Climate Action (Talk - Live Online) <i>Habibur Rahman</i> <i>Chattogram Veterinary and Animal Sciences University –Chattogram, Bangladesh</i>
12:30 - 13:00	Lunch Break & DINARA video: Mareas rojas / Red tides (13:38'')
13:00 - 13:30	Selected Sustainable Development Goals supporting initiatives (Talk - Live Online) <i>Sebuliba Mercy Stephen</i> <i>Lake Victoria Region Local Authorities Cooperation - Entebbe, Uganda</i>
13:30 - 14:00	FAO-SEAFDEC project: Recording research and datasets from southeast Asia related to SDG Indicator SDG 14.4.1 - Proportion of fish stocks within biologically sustainable levels (Talk - In person)

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

	<p><i>Daryl Superio¹, Tamsin Vicary², & Maria Kalentsits²</i> ¹SEAFDEC/AQD - Philippines ²FAO-ASFA, Rome, Italy</p>
14:00 - 14:30	<p>UBC Library #Climate Action Team: what one academic library is doing about climate change (Talk - Live Online) <i>Helen Brown, Elizabeth Steveson, Sally Taylor, Mathew Vis-Dunbar</i> Woodward Library, University of British Columbia - Canada</p>
14:30 - 14:40	Break
14:40 - 15:10	<p>Strategic Planning for Shifting Academic Librarian Roles: Moving from subject librarianship towards functional, skill-based teams (Talk - In person) <i>Kristen LaBonte,</i> University of California, Santa Barbara, USA</p>
15:10 - 15:40	<p>Assume Nothing! Investigating New Marine Biology Graduate Student Information Literacy and Research Practices to Inform Training (Talk - In person) <i>Geoff Timms</i> College of Charleston, USA</p>
15:40 - 15:55	<p>Books for children and young people to increase science information literacy about ocean pollution (Talk - Live Online) <i>Joyce M. Shaw, Megan Le</i> Gunter Library, Gulf Coast Research Laboratory, The University of Southern Mississippi, Ocean Springs, Mississippi, US</p>
15:55 - 16:05	Break
16:05 - 16:20	<p>Impact of the area of Aquatic Sciences, Aquaculture and Fisheries in the undergraduate and postgraduate theses of the Faculty of Veterinary Medicine (UdelaR): an initiative to support the SDGs 4-quality education and 14-marine life (Poster Presentation - In person) <i>Silvina Pérez & Alicia Díaz</i> Facultad de Veterinaria. Universidad de la República. Uruguay</p>
16:20 - 16:50	<p>Ocean in Signs: A scientific communication experience with deaf people in Colombia (Talk - Pre-Recorded) <i>Isabela Katime, Paula Sierra-Correa</i> Marine and Coastal Research Institute - INVEMAR Santa Marta, Colombia</p>
16:50 - 17:00	<p>Closing session Conference information and Day 3 announcements</p>

48th IAMS LIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
[From streams to oceans](#)

IAMS LIC 2022 Conference – Program at a glance – Day 3, Thursday, October 20

TIME (Montevideo, Uruguay)	SESSION INFORMATION
09:00 - 09:15	Registration and speaker setup Welcome & Opening <i>Aida Sogaray, Host</i>
09:15 - 09:45	Copyright/intellectual property and the access to online scientific resources: the case of Benin fishery and aquatic scientists (Talk - In person) <i>Coffi Ferdinando Rock Gbedo</i> <i>IRHOB - Cotonou, Republic of Benin</i>
09:45 - 10:15	Open access publication and resource limited African researchers: Insights from Namibia (Talk - Live Online) <i>Linea Ipinge</i> <i>Marine and Coastal Resources Research Center, University of Namibia, Henties Bay, Namibia</i>
10:15 - 10:30	Revista de Investigaciones Marinas: transformations towards sustainability. What are we thinking for the immediate future? (Talk - In person) <i>Yuriem Lezcano Lopez</i> <i>Centro de Investigaciones Marinas. Universidad de La Habana, La Habana, Cuba</i>
10:30 - 10:45	Break
10:45 - 11:15	The Ocean InfoHub Project (Talk - Live Online) <i>Lucy Scott</i> <i>Ocean InfoHub Project IOC/UNESCO</i>
11:15 - 11:30	Clearinghouse Mechanism for Latin America and the Caribbean Region: node for the global OceanInfoHUB (Poster - Pre-Recorded) <i>Carolina García-Valencia, Leonardo Arias, Paula Sierra-Correa, & Francisco Arias</i> <i>Instituto de Investigaciones Marinas y Costeras INVEMAR</i>
11:30 - 12:00	IODE AIU participation (Talk - Live Online) <i>Jennifer Walton¹ & Pauline Simpson²</i> <i>¹MBLWHOI Library, IODE, Woods Hole, Massachusetts, USA</i> <i>²UNESCO/IOC Project Office for IODE, Belgium</i>
12:00 - 13:00	Lunch Break & DINARA y sector pesquero- década 2000 / DINARA and fishing sector- 2000 decade (10':33")
13:00 - 14:00	Updating the ASFA business model: Transforming ASFA to deliver successful knowledge sharing across aquatic sciences (Panel - In Person) <i>Tamsin Vicary & Maria Kalentsits</i> <i>FAO-ASFA, Rome, Italy</i>
14:00 - 14:15	IAMS LIC 2023 Conference Announcement (Talk - Live Online) <i>Sally Taylor, Helen Brown, & Mathew Vis-Dunbar.</i>
14:15 - 14:30	Break and DINARA video

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

14:30 - 16:30	IAMSLIC Business Meeting <i>Angela Clark (President)</i>
16:30 - 17:00	Wrap-up & Conference Close <i>Angela Clark (President)</i>
Evening	Conference Banquet at <i>Che Montevideo</i>, featuring entertainment from <i>El Cuarteto del Amor</i>

IAMSLIC 2022 Conference – Program at a glance – Day 4, Friday, October 21

TIME (Montevideo, Uruguay)	SESSION INFORMATION
	Day trip to Maldonado (lunch included). During the day in Maldonado we are exploring an optional boat trip to view sea lions. This will be an additional cost not included in the conference registration and will be administered on the day.

CONFERENCE THEME AND TRACKS

The IAMSLIC 2022 conference theme is:

“From Streams to Oceans: Libraries Informing Sustainability of Aquatic Resources.”

The Conference offers an ideal opportunity to exchange ideas about the importance of libraries in the sustainability of aquatic resources. We hope to continue bringing the IAMSLIC community together to share experiences and further collaborations to advance the field of aquatic sciences information.

IAMSLIC2022 sub-themes are:

1. Data Science and Data Analytics

- Visual Literacy,
- Research Data Management,
- Artificial Intelligence

2. Ethics of Data Sharing

- Open Access,
- Intellectual Property,
- Value of Sharing Data

3. Ocean and Climate Change Literacy

- Climate Change,
- Pollution,
- Other Issues

4. Library Administration and Leadership

- Pandemic,
- Natural Disasters,
- Future of Libraries,
- Professional Development,
- Mentoring, Collaborations)

5. Sustainable Development Goals - Support Initiatives

6. Information Literacy

- Education and Training

7. Publishing and Publishers

- Transformative Agreements,
- Predatory Journals,
- Peer Review Process,
- Curating Pre-prints and Post-prints.

PRESENTATIONS AND PANELS ABSTRACTS

Day 1, Tuesday, October 18

About DINARA

Dr. Santiago Caro Ros, *Director of Institutional Communication, Library and IT - DINARA*

ABSTRACT

The National Directorate for Aquatic Resources (DINARA) is an executive unit of the Ministry of Livestock, Agriculture and Fisheries, and is responsible for regulation and control activities related to fisheries and aquaculture in Uruguay.

DINARA conducts training, promoting and development activities related to the responsible use of fishery and aquatic resources, ecosystems and related industries both at the public and private levels

It is highly committed to contributing to long-term preservation of resources and productivity, through investigation, regulation, monitoring and certification

The National Directorate for Aquatic Resources (DINARA) is an executive unit of the Ministry of Livestock, Agriculture and Fisheries, and is responsible for regulation and control activities related to fisheries and aquaculture in Uruguay

DINARA conducts training, promoting and development activities related to the responsible use of fishery and aquatic resources, ecosystems and related industries both at the public and private levels

It is highly committed to contributing to long-term preservation of resources and productivity, through investigation, regulation, monitoring and certification

These are the main functions that DINARA develops for the achievement of its tasks:

- Formulation and implementation of fishery and aquaculture policies;
- Execution of activities aimed at fishing and aquaculture management;
- Development and promotion of research on hydrobiological resources and aquatic ecosystems
- Control of compliance with all activities related to fishing and aquaculture, in accordance with the Law.
- Action as the competent official authority in matters of health and food safety of fishery and aquaculture products, issuing the corresponding certificates at the national and international level

This presentation will show the main achievements on these issues during the years, and will describe the principal activities that DINARA realizes on a regular basis



Introduction to the Information System in Agricultural Sciences of Latin America and the Caribbean SIDALC in Uruguay

Aida Sogaray ¹ and **Alicia Diaz** ²

¹ DINARA, Montevideo ; ² Facultad de Veterinaria, Uruguay.

ABSTRACT

Synthetic paper is waterproof and supposedly durable, but when I discovered the crumbling plastic pages of a 37-year-old waterproof library monograph, I became concerned both about synthetic paper's longevity and its potential to contribute to environmental plastic pollution. Sustainability necessitates collaboration, so I worked with a College of Charleston chemist to identify the polymer and then contacted libraries holding this waterproof field guide to alert them to its potential deterioration into

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

microplastic particles. Responses from library personnel demonstrated that over 50% of library copies have deteriorated, although at different rates. The frequency of circulation is not a statistically significant factor in predicting the extent of deterioration, suggesting that ambient environmental conditions and chemical transformations of the polymer are the leading initiators of the deterioration observed. While the specific phenomenon observed with this one book may be a relatively rare occurrence, the collection management implications of plastic materials found within library collections are also discussed.



SIDALC Alliance: Innovation focused on products and services for the agricultural sector

Manuel Hidalgo Oconitrillo, *Instituto Interamericano de Cooperación para la Agricultura (IICA), San José, Costa Rica* | **Keynote 1**

ABSTRACT

The Alliance of Agricultural Information Services (SIDALC) is an international alliance of agricultural, livestock, forestry and environmental information services, whose success lies in the intellectual capital of more than 650 specialists from 214 libraries and 178 agricultural institutions from 22 countries that share information and services.

SIDALC, in order to contribute to rural well-being and improve the competitiveness of the agricultural sector, seeks to make available from a single point the technical and scientific information generated in LAC, provide support to institutions in the agricultural sector, strengthen alliances with institutions, networks and national information systems.

Starting in 2010, the scientific exchange service began, which has generated great benefits for the community of students and researchers in the sector with the distribution of more than 468,410 specialized articles, which represents a total of US\$19.2 million dollars in knowledge resources mobilized in the region.

As part of the modernization processes of the Alianza SIDALC, a transformation of the platform into a service that allows, through standardized protocols, the automatic capture of digital repositories of institutions of the agricultural sector of LAC began.

- General search in all participating databases.
- Individual search by database.
- Search by groups of databases belonging to an institution.
- Search through pre-established information filters.
- Containers of specialized resource centers.
- Platform for managing requests from users and participating libraries.
- Migration of resources from tools that do not have exchange standards.



Managing a Library during a pandemic: Challenges faced in information provision by National Fisheries Resources Research Institute NaFIRRI Library, Information and Data Centre during the Covid-19 pandemic

Alice Endra, *National Fisheries Resources Research Institute, NaFIRRI - Jinja, Uganda*

ABSTRACT

Established during the colonial period to provide information to fisheries scientists the East African

48th IAMSILIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

region, National Fisheries Resources Research Institute, (NaFIRRI) Library, Information and Data Centre has continued to play a leading role in the provision of information to scientists. However, during the Covid-19 pandemic the library faced several challenges but continued to reach out to scientists despite the lockdown. The main aim of the study was to examine the challenges faced by NaFIRRI Library and Information professionals in providing information to scientists and stakeholders during the COVID-19 pandemic in Uganda.

The paper provides a background on the provision of information to scientist and other stakeholders by NaFIRRI library before and during the Covid-19 in Uganda. It highlights the challenges faced during the provision of information in the country wide lockdown. Some of the challenges highlighted include inadequate budget provided for internet data during the lockdown making communication difficult, limited access to e-books and online subscriptions by the Institution due to budgetary constraints, no provision for remote access by the institution, inadequate ICT infrastructure among other. It recommends making a provision in the budget for purchase of books and publications, enhancement of the ICT infrastructure and generally increasing the budget for information provision within the institution.



Some considerations about the work in the library of the National Museum of Natural History of Uruguay

Diego Rivero, *Museo Nacional de Historia Natural, Montevideo, Uruguay*

ABSTRACT

In relation to the book catalog, the records corresponding to the books that did not have an inventory were added, and they were and themed, a total of 6202 books. But the catalog of the collections of the different laboratories that belong to the Museum (Herpetology, Ornithology, Mammals, Botany and Invertebrates) was also made, in total 1270 more books.

To the catalog of 512 titles of periodical publications were added the titles of periodical publications that were consigned in the old catalog on cards, for which today there are 6,259 titles with their stock in said catalog, approximately 102,000 copies of periodical publications. At present, a shelf comparison is being made to verify if the old catalog is valid.

Regarding the catalog of analyzes of periodical publications, this catalog was made up of the analyzes of the periodical publications that arrived between 1980 and 1990, in addition to the analyzes of all the Uruguayan periodical publications, and the analyzes of the publication "American museum novitates". The analytics of the publication "Acta zoológica lilloana" and "Acta geologica lilloana" were added, in total 11529 analytics. In addition, within the task of making the catalog of the collections of the laboratories, a survey was made of articles from periodical publications that are in the aforementioned laboratories of the Museum, and 8,500 more analyzes were added, on mammals (specifically rodents and bats), on birds (Juan Cuello collection), on Botany and on cetaceans.



Data on the academic libraries of Mexican Universities with undergraduate and postgraduate studies in aquatic and marine sciences

Teresa de J. Barriga Ramírez, Laura M. Pérez Rojas, and José Luis Ortíz Galindo

Centro Interdisciplinario de Ciencias Marinas del Instituto Politécnico Nacional (CICIMAR-IPN), Mexico

ABSTRACT

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

Knowledge of the current state of the academic library system of Mexican Universities is essential to establish linking actions. The purpose of this work is to generate an updated record of higher education institutions in Mexico that offer undergraduate and postgraduate studies in aquatic and marine sciences, from which a general assessment can be made in accordance with the "Guide to evaluate libraries of Higher Education Institutions" of the National Council for Library Affairs of Higher Education Institutions, A.C. (CONPAB-IES), on the level of development in terms of organizational structure, resources, collections, services and application of information technologies. The registry was generated through an exhaustive review of the websites of public and private institutions registered with the National Association of Universities and Higher Education Institutions (ANUIES). The data obtained in this stage allowed the construction of a directory of librarians, which was not available, as well as the elaboration of a questionnaire with specific questions.



New Resources for Libraries informing sustainability of aquatic resources

Kristin Culp and Ed Voss, ProQuest, part of Clarivate

ABSTRACT

News and updates regarding ProQuest, part of Clarivate products.

"RapidILL is a fast and cost-effective interlibrary loan system, tailored for article and book chapter requests. With a focus on saving staff time, RapidILL provides tools for automating workflows and leveraging your institution's collections for peer-to-peer sharing and document delivery. We are integrated into most ILL systems and give you seamless integration, with almost zero learning curve. With over 600 members, we offer a 97% + fill rate and fulfillment in under 10 hours, with some as quickly as 15 minutes! This overview will present the main features of RapidILL."



Voyage from Print to Electronic

Jan S Sung, University of Hawaii at Manoa- Honolulu, HI, USA

ABSTRACT

The University of Hawaii at Manoa Library is limited in space for growth of print collection. And the library space continues to be repurposed for other needs. During COVID, the Library received funds to acquire electronic backfiles on multiple platforms. While we were evaluating our holdings against the vender records, we encountered several challenges such as discrepancies in our records versus the venders' records. This session will share what we learned during this backfield process and open up the session at the end to hear from participants on their experiences with similar processes.



Preserving Historical HOV Film for Science and Society

Lisa Raymond, Audrey Mickle, and Karen Urbec, Woods Hole Oceanographic Institution, Massachusetts, USA

ABSTRACT

The Human-Occupied (HOV) Alvin submersible is the only publicly available sub capable of carrying humans to the ocean bottom. It was commissioned in 1964 by the US Navy and has remained state of the

48th IAMS LIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

art as a result of numerous overhauls and upgrades. Alvin has completed over 5000 dives and participated in significant scientific discoveries that have changed our understanding of life on Earth - notably the discovery of hydrothermal vents in 1977 in the Pacific near the Galapagos Islands. The vents were surrounded by organisms never seen before that rely on chemical processes rather than light for life.

The Woods Hole Oceanographic Institution (WHOI) Data Library and Archives (DLA), a part of the MBLWHOI Library, submitted a successful proposal to The Council on Library and Information Resources Recordings at Risk program. The grant allowed us to recover early at risk recordings and to make them available for viewing. The film and video covered the years 1962 through the 1970s, starting with the fabrication and testing of the submersible.

Even though stored in a climate controlled vault, much of the original early film in the DLA has suffered color loss, degradation, and off gassing. The ½ magnetic tape suffer from emulsion separation. This grant successfully rescued some early historical Alvin images.

This presentation will describe the digitization workflows – before and after migration, challenges, outcomes, and reporting requirements.



Marine turtles in Cuba: patterns of scientific production

Ruby Thomas-Sánchez, *Fisheries Research Center, La Habana, Cuba*

ABSTRACT

Five species of marine turtles inhabit Cuba. The research activities around them have placed the country in a prominent place within the region. Leading the research processes to know, the patterns of Cuban scientific production around this topic, is a challenge for the information professional. The objective of the study was to analyze from a thematic and bibliometric perspective, the Cuban research on marine turtles, for this, a mixed research was developed, from the quantitative and qualitative and bibliometric techniques and content analysis were applied. For bibliographic retrieval, the Google Scholar was used, using the term "marine turtles", combined with the term "Cuba"; and in the case of some documents and in particular some master's and doctoral theses, there was the collaboration of experts in this area of study. As a result of the study, it was possible to identify the most productive Cuban authors, the most studied species, the most recurrent themes and Guanahacabibes as the geographical area with the highest number of documentary contributions. Among the conclusions, it was highlighted the recognition that the analysis of the publications that serve as support for the results of the research processes, make possible the characterization of the behavior of the research activity of a certain area of science.



A look at the master's theses of the Department of Resources of the Sea, housed in the library collection of the CINVESTAV Unit Mérida, as an information tool

Lilian Espinal, *CINVESTAV Unidad Mérida, Mexico*

ABSTRACT

Update on IODE activities that include Ocean InfoHub; ODIS; OBPS and the AIU program as well as an update on the UN Decade of the Ocean. The presentation will present opportunities for those interested to become involved with IODE activities.



Collection connections: a library vignette on democratization of aquatic science knowledge

Amanda L. Whitmire, *Hopkins Marine Station, Stanford University, Pacific Grove, California, USA*

ABSTRACT

The central theme weaving through several topics in this presentation will be connection. As the international community works toward creating better frameworks for connecting ocean science with the needs of society, there is a role for information professionals in democratizing the creation of, and access to, ocean knowledge. Since the advent of print as an information sharing medium, the creation of content and access to it have been mediated and inequitable. The arrival of the Internet has radically shifted the dynamics of information transfer by creating opportunities for anyone with access to share and receive content. In this presentation, I'll discuss why and how I've moved towards a curatorial approach that reframes library collections as data. I'll also draw connections between computationally accessible library collections, open knowledge bases like WikiData and the Global Biodiversity Information Facility, and the broader open biodiversity knowledge graph. There is a wide range of actions librarians can be engaged in to make our collections more connected, discoverable and useful. The goals of my presentation are to share examples of how one marine science library is creating collections that are open and computationally ready, and to continue to build a community of practice within the IAMSLIC community that is centered on equitable access to aquatic knowledge.



IODE, Promoter of the data and information of the libraries specialized in Marine and Aquatic Sciences of the GL

Teresa de J. Barriga Ramírez ¹, **Laura M. Pérez Rojas** ¹, **José Luis Ortíz Galindo** ¹, **Aida Sogaray** ²

¹*Centro Interdisciplinario de Ciencias Marinas del Instituto Politécnico Nacional (CICIMAR-IPN), México.*

²*DINARA, Uruguay*

ABSTRACT

The purpose of this work is to show the new members of the Latin American Group of IAMSLIC, about the importance of being part of IAMSLIC and the rapprochement with the international agencies ODINCARSA and ASFA, essential links in the progress of marine and aquatic research, through cooperation and exchange of data and information.

The objectives and way of working of each organization are explained so that the librarian can be integrated into the programs and contribute to the exchange of information in a pertinent way to access portals to global information, in addition to receiving training in information management.





Environmental sciences libraries as a force for good in a world of skepticism and disillusion

Lic. Julia Demasi Zavala, *President, ABU - Asociación de Bibliotecólogos del Uruguay* | **Keynote 2**

MSc. Elvira Demasi Zavala, *Área de Estudios Turísticos - UDELAR. Montevideo, Uruguay*

ABSTRACT

Libraries, at their very heart, belong in the 19th century optimism: to a time when philosophical Positivism stated that there was a direct correlation between information and ideas, and between access and lifelong learning. It was also a time when resources seemed infinite and their management was rarely given a thought.

Times have changed. Libraries and their optimism, fortunately, have not.

In this article the authors will delve in the ever changing role of Environmental Sciences libraries and librarians, in a landscape of environmental challenges, science skepticism and political disillusion.



Blue Bioeconomy: What is it and how can libraries help raise awareness

Majbritt Bolton-Warberg, *Marine Institute - Galway, Ireland*

ABSTRACT

The blue bioeconomy refers to the use and conversion of renewable aquatic resources into a wide variety of products and services such as food, feed, food ingredients, cosmetics, pharmaceuticals, nutraceuticals, and bioenergy. The overarching principles of the bioeconomy are reducing waste (circularity) and sustainability. It offers huge potential to contribute to a number of Sustainable Development Goals including zero hunger, quality education, responsible consumption and production, climate action, and life below water.

Although a rapidly growing sector, and frequently described as key to solving multiple grand challenges, there is confusion around what the blue bioeconomy entails. Thus, there is a need to raise awareness of the bioeconomy among both industry and scientists, particularly those working in more traditional sectors (aquaculture and fisheries), which in some definitions are not included in the bioeconomy.

The aim of this presentation is to give an overview of the blue bioeconomy and to discuss how marine science libraries can help raise awareness among scientists. An example will be drawn from a campaign being initiated for this year's Bioeconomy Ireland Week in both public and University libraries around the country. This is a week-long event aimed at raising awareness and highlighting the bioeconomy at a national level.



Streams that do not reach the ocean: designing a library service from the Valcheta stream

Silverio Ortiz, *Universidad Nacional del Comahue, General Roca, Argentina*

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

ABSTRACT

The purpose of this talk is to show library extension services that are developed from the National University of Comahue on the Somuncura plateau (40°50'/66°28') in the valley of the Valcheta stream, northern Argentine Patagonia.

One of the projects mentioned here is aimed at disseminating relevant information to the community of people who live in the same geographical space where conservation activities are carried out on endemic aquatic species considered to be in danger of extinction: Somuncurá frog (*Pleurodema somuncurense*) and naked mojarra (*Gymnocharacinus bergii*). The difficulties of access to information that the inhabitants of the region have and the possibilities offered by new technologies to begin to solve these problems are also analyzed.

In this proposal, special attention is paid to the rescue of collections of documents and information that although derived from the activities of researchers, either because of their academic relevance or because of the type of document, do not end up being stored in libraries or disseminated in repositories and specialized publications.

The importance of the social role of the librarian is also discussed in order to successfully achieve an exchange of knowledge between the scientific-academic community and the rural community in which the projects are developed.



Full steam ahead: AquaDocs in operation

Ekaterina Kulakova 1, **Sally Taylor** 2, **Pauline Simpson** 3, **Jennifer Walton** 4, **Maria Kalentsits** 5 & **Tamsin Vicary** 5

1Russian Federal Research Institute of Fisheries and Oceanography (VNIRO) Russia ; 2 Woodward Library, Canada ; 3UNESCO/IOC Project Office for IODE, Belgium ; 4MBLWHOI Library, MA, USA ; 5FAO-ASFA, Rome, Italy

ABSTRACT

The AquaDocs repository <http://aquadocs.org> which was launched in August 2021 is a partnership of UNESCO/IOC International Oceanographic Data and Information Exchange (IODE) <https://iode.org> and the International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) <https://iamslic.wildapricot.org> with support from the FAO Aquatic Sciences and Fisheries Abstracts (ASFA) <http://www.fao.org/fishery/asfa/en>. An update will be provided about the first year of operations, and initiatives from the ASFA Trust Fund project “Provision of outreach activities, establishment of export from AquaDocs to OpenASFA and creation of OpenASFA records for historic IOC Grey Literature.”



The Role of University Libraries in the Achievement of Sustainable Development Goals Focusing on Climate Action

Habibur Rahman, *Chattogram Veterinary and Animal Sciences University –Chattogram, Bangladesh*

ABSTRACT

The aim of this study is to explore how the university libraries can contribute to achieving the SDG by 2030. The more specific objectives are: To explore the awareness of the library professionals regarding the SDGs; find out how library professionals can contribute to the implementation of the SDGs; identifying the challenges that librarians face in implementing the SDGs; determine how to overcome the existing difficulties of implementing the SDGs. Both quantitative and qualitative methods will be used in this study. Survey methods will be used to collect data using a structured questionnaire. The questionnaire will

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

consist of an open-ended and closed-ended questionnaire. The questionnaires will be sent to library professionals of sampled universities by e-mail at public and private universities in Bangladesh. Libraries can raise awareness among common people through the provision of relevant information introducing new programs to achieve the SDG. Libraries are therefore the right place for people to get the right information to lead their present and future lives effectively and efficiently. There have been obstacles such as a lack of proper attention on the part of policy makers, a lack of skilled personnel, a lack of proper initiatives, etc., and some appropriate suggestions for overcoming obstacles. The outcome of this paper could be a valuable reference material for researchers, professionals and policy makers who are thinking, involving or working towards achieving the SDG by 2030. The insights and perspectives of this study will be original and unique in nature.

✂

SDG supporting initiatives

Sebuliba Mercy Stephen, Lake Victoria Region Local Authorities Cooperation - Entebbe, Uganda

ABSTRACT

In September 2015, the General Assembly adopted the 2030 Agenda for sustainable development that includes 17 Development Goals. Building on the principles of leaving no one behind, the agenda emphasizes a holistic approach to achieving sustainable development for all. One way to address the challenges in achieving sustainable development goals is to ensure that both development and developing countries through the involvement of a number of stakeholders work towards achieving the sustainable development goals. Among such stakeholder are the library and information sectors. Libraries play a great role in providing information to academia, policy makers among others to make implement evidence based initiatives and interventions. Through the multi stakeholders approach, sustainability and ownership of initiatives have been realized originating from the sustainable development goals.

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Interim results of FAO-SEAFDEC project to assess research and data on fish stocks in southeast Asia.

Daryl Superio¹, Tamsin Vicary², and Maria Kalentsits²

¹ SEAFDEC/AQD – Philippines ; ² FAO-ASFA, Rome, Italy

ABSTRACT

The Southeast Asian Fisheries Development Center (SEAFDEC), with support from the ASFA Secretariat, is undertaking the following project: collection of research and data from data poor countries in southeast Asia related to United Nations Sustainable Development Goal (SDG) indicator 14.4.1 – proportion of fish stocks within biologically sustainable levels. The aim of the project is to assess the volume of available research and data related to SDG 14.4.1 in the region and make it available on the newly launched OpenASFA platform. The project is being conducted in three stages: (1) agreement of project scope and search strategy; (2) identifying and recording relevant materials; (3) analysis of resources recorded as part of the project, identifying research strengths and gaps and making recommendations for improving the visibility of fishery information resources in the region. With the first stage complete, fifteen participants were recruited from Cambodia, Indonesia, Philippines and Viet Nam who each have a professional background in information science, biology, or fisheries sciences. The participants received training in applying the search methodology to identify relevant resources and

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

record them on OpenASFA. This paper provides an overview of the project activities and initial recommendations developed based on interim results.



UBC Library #Climate Action Team: what one academic library is doing about climate change

Helen Brown, Elizabeth Steveson, Sally Taylor, Mathew Vis-Dunbar, Woodward Library, University of British Columbia - Canada

ABSTRACT

Gravely concerned with the future of our planet, and inspired by the youth-led climate strikes in 2019, a group of employees from across the UBC Library system came together to form the Library #Climate Action Team -- L#CAT. Looking both internally to shift library practices and policies toward true sustainability, and externally to support and engage with initiatives and research across campus, there is no shortage of work to be done. In crafting a Terms of Reference, we articulated the importance of aligning our activities with priorities laid out by the University, focusing our efforts on realistic goals and objectives, and supporting the wellbeing of team members. We'll highlight successes from the past three years, including the development of an air travel decision tree, a climate change research guide, a civic engagement workshop, and advocacy and building momentum and capacity in the wider Canadian library community. We'll also reveal a few surprises and initiatives that didn't quite go as planned. We hope by sharing our experiences to inspire IAMSLIC colleagues to engage in climate action, and to learn from each other as we address the existential threat of climate change.



Strategic Planning for Shifting Academic Librarian Roles: Moving from subject librarianship towards functional, skill-based teams

Kristen LaBonte, University of California, Santa Barbara, USA

ABSTRACT

Large academic libraries are changing how they operate, and one of the big changes relates to the role of the traditional subject librarian. Subject librarians are often hired based on knowledge of a certain subject, and those librarians liaise with the associated departments on campus. They teach classes, conduct research consultations, purchase resources, and communicate between the department and the library. However, job duties are sometimes expanded to cover other subjects that the librarian does not have expertise in. Additionally, if the librarian goes on leave, the needs of the department are not often met. There is a more recent trend to move these subject librarian positions into broader roles, and librarians become part of teams that cover a range of skill sets. Examples include collection strategists, instructional librarians, reference and research librarians, scholarly communication librarians, and outreach librarians. Such a large change in the delivery of services demands a thorough planning approach. This case study examines the process of one library department's strategic plan to create functional, skill-based teams of librarians.



Assume Nothing! Investigating New Marine Biology Graduate Student

Information Literacy and Research Practices to Inform Training

Geoffrey Timms, College of Charleston, USA

ABSTRACT

Master's students entering the Graduate Program in Marine Biology at College of Charleston arrive with diverse academic experiences, positioning some better than others for the rigors of literature searching. Some students are already entrenched in a specific go-to strategy for finding information which, if pursued, could hinder their success at graduate level. After identifying disparate levels of information literacy in graduate students, I sought to learn more about their knowledge and practices to better target the single mandatory information literacy training session that I have with them in their first semester. A formal investigation was designed to evaluate graduate student knowledge about libraries and the research strategies they employ. Students completed a brief survey to self-report their level of confidence with specific research tasks, while a quiz evaluated basic knowledge about using an academic library in its physical and online forms. With two cohorts, a narrated screen capture assignment, associated with a review paper assignment, gave students the opportunity to demonstrate their research strategies in relevant context. Following these evaluations, a single information literacy session was planned and provided. After attending the session, the students then repeated the survey and quiz. This presentation will describe the investigation and the outcomes over three years of research.



Books for children and young people to increase science information literacy about ocean pollution

Joyce M. Shaw, Megan Le, Gunter Library, Gulf Coast Research Laboratory, The University of Southern Mississippi, Ocean Springs, Mississippi, US

ABSTRACT

Gunter Library at the Gulf Coast Research Laboratory (GCRL) created a reading list to support the science information literacy programs at the GCRL Marine Education Center. The list focuses on books for ages pre-K through grade 12 about the Deep-Water Horizon (DWH) oil spill and ocean pollution. While the original list was made up of only English language works, the enhanced list now has works in Spanish with # being Spanish versions of books on the list and # new to the list. These books are an introduction to ocean pollution and how the DWH is an example of a specific kind of pollution disaster. They are suitable for placement in a classroom, school library, and public library. Each entry includes a brief description of the work, age or grade appropriateness, and award and honors, if applicable.



Impact of the area of Aquatic Sciences, Aquaculture and Fisheries in the undergraduate and postgraduate theses of the Facultad de Veterinaria (UdelaR): (initiative to support SDG 4-quality education and SDG 14-submarine life)

Silvina Pérez and Alicia Díaz, Facultad de Veterinaria. Universidad de la República. Uruguay

ABSTRACT

In line with contributing to the fulfillment of the UN Sustainable Development Goals (SDGs) (2015), in particular SDG 4, Guarantee inclusive, equitable and quality education and promote lifelong learning opportunities for all and On the 14th, Conserve and sustainably use the oceans, seas and marine resources

48th IAMSLIC Annual Conference and 4th Grupo Regional Latinamericano Meeting
18-21 October 2021 | Montevideo, Uruguay and online (Hybrid)
From streams to oceans

for sustainable development, the following work is presented that analyzes the national production of undergraduate and postgraduate theses of the Faculty of Veterinary Medicine on the area of aquatic sciences, aquaculture and fishing. A descriptive methodology with a quantitative approach was used. 1,223 theses were collected from January 2014 to June 2021. They were retrieved from a list generated by BiuR, an integrated catalog of the libraries of the University of the Republic. All theses are open access and are available in the Colibrí Institutional Repository, providing accessibility to such relevant information for the scientific community that investigates the subject.

After identifying the volume of thesis according to the degree to be obtained (bachelor's degree, specialization, master's degree and doctorate), the most used keywords were analyzed to determine within the general theme which were the prioritized lines of research. In this sense, when broken down by themes, fishing and its related areas (fishery products, artisanal fishing, fishing hygiene) are the ones that produce the most jobs, followed by aquaculture. Resulting that the theses oriented to Fishing contribute in 57.1% of the academic production, followed by the theses oriented to Aquatic Sciences that correspond to 27.6% and the theses oriented to Aquaculture that represent 15.3%.

In conclusion, we can affirm that this study aims to be an important component in the definition of research policies aimed at strengthening areas that promote the protection of aquatic environments, thus contributing to achieving SDG 14 – Conserve and sustainably use the oceans, seas and marine resources for sustainable development.



Ocean in Signs: A scientific communication experience with deaf people in Colombia

Isabela Katime and **Paula Sierra-Correa**, *Marine and Coastal Research Institute - INVEMAR Santa Marta, Colombia*

ABSTRACT

The Ocean Literacy explains how our day-to-day actions impact the health of the Ocean or how the health of the Ocean impacts our own daily lives (UNESCO, 2020).

The deaf community in Colombia has had limited access to marine and coastal information. In coastal cities such as Santa Marta, 75% of the population has not received education on marine issues; In the Archipelago of San Andres, for example, 73% agreed with this statement. The things they have learned about the Ocean proceed from their own experience.

"Ocean in Signs" is a pioneer project in Colombia to create an Ocean vocabulary in Colombian Sign Language and, translate the scientific knowledge that INVEMAR has been leading and disseminate it in an accessible format for the deaf community. The sign language works like accents or languages, its use is functional only within the country; however, it is a replicable model for the region or world.

Between 2021 and 2022, the project promoted discussion and experiential scenarios to record and socialize signs related to the oceanic culture with the deaf community from Bogotá, Santa Marta, and San Andrés. Now, 150 signs related to the Ocean are available. The communication has not been a one-way line. "Ocean in Sign" also led some training spaces for listeners, understanding that even underwater, we all communicate in signs.

Acknowledgments: The development of this project has been possible thanks to INVEMAR, CORALINA Corporation (Agreement 001-2021) and the project code 20170110000113. Ocean in Sign Vocabulary (Updating) https://youtube.com/playlist?list=PLoD5grkTNh4_wGGnoNQhWXMxKPFi78s





Copyright/intellectual property and the access to online scientific resources: the case of Benin fishery and aquatic scientists

Coffi Ferdinando Rock Gbedo, IRHOB - Cotonou, Republic of Benin

ABSTRACT

Nowadays, online information sources are the first tools towards which researchers turn to, when they are in quest of information. What justifies this attitude is the rapid development of information and communication technologies (ICTs) that facilitate people's access to information at any place. But very often, researchers might not find the resources they need because some documents are not open access and need to be purchased or require a special authorization. Failing to access the right information can negatively impact the research outcome or may be an obstacle for researchers to reach their goal. How Benin's aquatic scientists cope with the access to online non-open access resources and the solutions one can envisage to address that challenge are the rationale of this work. To attain these two objectives, some data have been collected and analyzed within all institutions dealing with marine and aquatic sciences.



Open access publication and resource limited African researchers: Insights from Namibia

Linea lipinge, Marine and Coastal Resources Research Center, University of Namibia, Henties Bay, Namibia

ABSTRACT

The advent of open access publication has seen a dramatic change in publication options from the traditional publishing system where authors did not pay for publications in some of the high impact factor journals. However, most open access publications charge high fees that most resource poor researchers cannot be able to afford. This paper discusses the issue of open access publications from a Namibian perspective. Due its rich natural resources and marine environment driven by the Benguela current, the country receives a huge number of local and international marine and coastal researchers. With the country being a middle income country, most of the local researchers are not able to publish their research open access, due to the high costs required. This has seen local research that is then published on the traditional subscription option, not being highly accessed and cited, whilst that of international researchers who work in Namibia and publish open access gets cited more. This also results in much of the research in Namibia being funded, published and owned by international repositories. Our paper thus tries to create a discussion on the issue of open access publication and how its most likely creating unfair disadvantage for resource poor researchers from countries like Namibia. Africa based research published by foreign research institutes in the open access mode, creates a higher profile for these institutions mainly due to citations and impact, creating an impression that few local African researchers are working on their problems. The paper concludes by presenting an idea for both publishers and Namibian universities on how to promote open access publications for local researchers without compromising ownership or research.



La Revista de Investigaciones Marinas: transformations towards sustainability. What are we thinking for the immediate future?

Yuriem Lezcano Lopez, *Centro de Investigaciones Marinas. Universidad de La Habana, La Habana, Cuba*

ABSTRACT

In the world of scientific publications, it is unlikely to stop reading a specialized journal in exchange for another of little renown, recognition, and prestige since these characteristics are linked to the quality of a scientific publication, and credibility is necessary for it to last over time.

The Revista de Investigaciones Marinas (RIM), after its 40th anniversary, started this decade with a series of transformations that began with a new image, which still refers to the marine environment and is related to the CIM-UH logo. The creation of two types of logos: one for regular numbers and one for special numbers. Moreover, the external structure of the articles was redesigned, and the different elements that make it up were redefined (e.g title, list of authors, type of article, web address, ISSN, etc.), a. It also includes editorial elements such as the Open Access seal and the Creative Commons under which it is distributed. The ORCID iD of each author is added and also the name of the thematic editor that coordinated each article. On the other hand, the editorial team engaged in an intense review and updating of editorial policies and standards with the aim of bringing the journal even closer to the levels of excellence and editorial management required by current international standards. It is hoped that all these changes deserve the approval of all authors and contributors and that they continue to actively contribute to the publication. This way, we will continue betting on the mastery of marine sciences, through the publication of original research articles of high quality.



The Ocean InfoHub Global Search hub

Lucy Scott, *Ocean InfoHub Project IOC/UNESCO*

ABSTRACT

The Ocean InfoHub (OIH) facilitates access to global oceans information, data and knowledge products for management and sustainable development. The OIH links and anchors a growing network of regional and thematic nodes that will improve online access to, and synthesis of existing global, regional and national data, information and knowledge resources, including existing clearinghouse mechanisms. The project is supporting discovery and interoperability of existing information systems through the development of a lightweight Ocean Data and Information System (ODIS) architecture. This enables users from Member States and other partners to discover data, data products, data services, information products and services. The OIH Project is funded by the Government of Flanders, Kingdom of Belgium, and implemented by the IODE Project Office of the IOC/UNESCO.

The project aims to benefit marine and coastal stakeholders around the globe, but its initial focus has been on responding to requests for data products and services from three regions: Africa, Latin America and the Caribbean, and the Pacific Small Island Developing States, to meet their unique user community (thematic and language) requirements. OIH has focused on developing communities of practice for the three pilot regions, as well as to formalize partnerships with other UN agencies and key international partners. Through these actions, OIH is enabling a digital ecosystem where users, from any entry point, can discover content and services that they require, while also having opportunities to become content creators themselves. A demonstration will be given of the Ocean InfoHub Global Search hub



Clearinghouse Mechanism for Latin America and the Caribbean Region: node for the global OceanInfoHUB

Carolina García-Valencia, Leonardo Arias, Paula Sierra-Correa, and Francisco Arias, *Instituto de Investigaciones Marinas y Costeras INVEMAR*

ABSTRACT

The pilot Clearing-House Mechanism for Latin America and the Caribbean region CHM LAC is a hybrid model, with a centralized portal that provides access to information sources identified by the users as most relevant. From 2021 to date the Marine and Coastal Research Institute of Colombia - INVEMAR in collaboration with the IOC/ARIBE Secretariat is working from CHM LAC on identifying partners to contribute to ODIS architecture for the LAC region and data providers to be included. In that sense, CHM LAC is working as the Latin America and the Caribbean Region node for the Ocean InfoHub project, which is coordinated by the International Oceanographic Data and Information Exchange IODE project office secretariat and supports the discovery and interoperability of existing information systems through the development of a lightweight Ocean Data and Information System (ODIS) architecture. Ocean InfoHub LAC node offers more than 16.500 ocean information resources on experts and institutions/organizations, documents, spatial data and maps, laboratories, research vessels, education and training opportunities, and projects from at least five countries and projects (<http://portete.invemar.org.co/chm/>). The portal intends to centralize metadata of data/information sources for the countries in the region as a strategy of capacity development promoting the offer, sharing, and spraying specific capacities to all states on at least 7 ocean issues. All projects, institutions, and countries interested on share information are welcome to provide it.



IODE AIU participation

Jennifer Walton¹ and Pauline Simpson²

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ABSTRACT

IODE invites library and information centres to become Associated Information Units (AIU) to provide their expertise to IODE projects. An Associated Information Unit (AIU) is a structure in UNESCO/IOC International Oceanographic Data and Information Exchange (IODE) complementing their 38 Associated Data Units (ADU). Since 2019, only 6 libraries have applied and become AIU. This presentation is an encouragement call to IAMS LIC members to apply to become an AIU. In addition to the benefits, and assistance, we will discuss the minimal criteria which should convince members that their library would successfully meet these criteria, and to apply.



ASFA's future business model: selection the right option to ensure access and sustainability of the ASFA information system

Tamsin Vicary and Maria Kalentsits, *FAO-ASFA, Rome, Italy*

ABSTRACT

This panel session will present the changes ASFA has implemented to date to update its business model and improve access to the ASFA information products. These include the launch of OpenASFA and launch

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From streams to oceans

of the Associates programme which enables institutions who would otherwise be unable to afford a subscription, access to the full ASFA database on the ProQuest platform. An interactive session will follow with the presentation of options to further increase the accessibility of ASFA information products whilst ensuring financial sustainability. Options will include funding based on the hybrid Open Access publishing model which would see current subscribers continue to support ASFA whilst ensuring the ASFA database was free for all to access. Comment from conference attendees will be sought on the viability of different models presented. The aim of the panel session is to assess appetite for support to ASFA's transformation to an open information network that fully serves the needs of aquatic science stakeholders (researchers, policy makers and librarians). It is hoped that ideas will be generated to ensure that ASFA's information products and funding model continue to evolve in order to fully meet its goal of the world's aquatic science, fisheries and aquaculture research being findable and accessible to all.



OUR PRESENTERS



Manuel Hidalgo Oconitrillo

Keynote Presenter

Manuel Hidalgo Oconitrillo. Manuel will be speaking to us on Day 1 of the conference about "SIDALC Alliance: Innovation focused on products and services for the agricultural sector".

Manuel is Costa Rican, a computer engineer, and graduated with a Master's Degree in Computing with an emphasis on Telematics from the Technological Institute of Costa Rica (ITCR). He has 29 years of experience in the area of information systems, with seven years working for the Tropical Agricultural Research and Teaching Center (CATIE), and the last 22 years for the Inter-American Institute for Cooperation on Agriculture (IICA) as a Specialist in Systems and Information Technologies of the SIDALC Alliance. He has a title granted by the

Secretary of Peace of the Government of Guatemala that accredits him as Ambassador of the Culture of Peace. He was a consultant to FAO in Rome, for the office of knowledge exchange, research and extension. He is currently applying for the Master's Degree in Industry 4.0 at the University of La Rioja, Spain.



Dr. Majbritt Bolton-Warberg

The Blue Bioeconomy Programme Manager at Ireland's Marine Institute.

Majbritt has 17 years' experience in marine research topics, ranging from aquatic toxicology to aquaculture. In her current role as a Programme Manager in the Policy, Innovation and Research Support (PIRS) Service Group, she has responsibility for designing and implementing a national support and coordination function for the blue bioeconomy sector. This includes engaging with Higher Education Institutes, Public Research Bodies, industry, and researchers to promote, raise awareness of and deliver R&I projects focusing on strengthening Ireland's competitiveness in this area. In addition to this national role, Majbritt has responsibility in a number of international initiatives including the BlueBio ERA-Net Cofund, the Sustainable Blue Economy Partnership and a JPI Oceans Joint Action in Blue Carbon.

At #IAMSLIC2022, Majbritt will be presenting on "Blue Bioeconomy: What is it and how can libraries help raise awareness". This will be a live online session, so have your questions ready for her!



Julia Demasi Zavala, Keynote Presenter

&

Elvira Demasi Zavala

We are thrilled to have Julia speak to us, as she is President of the Asociación de Bibliotecólogos del Uruguay. She is a graduate of the Universidad de la República LIS program, with a dissertation on library history. From 2000 to 2013 she worked in engineering college libraries in Uruguay (Facultad de Ingeniería) and for 18 months in the US (University of Minnesota Walter Library). Since 2013 she works in a K12 school library in Montevideo. For the past 20 years she has also worked free lance as a virtual reference librarian, a knowledge organization specialist, an information literacy tutor, and assisting with moving and selling personal libraries. Julia believes there's strength in numbers so she joined the ABU as soon as she could, and loves organizations where the question is not what they do for you but what you can do thanks to them.



Joining Julia is Elvira, who has the fabulous job title of Tourismologist. Elvira graduated from the University of Costa Rica with a BSc and a MSc in ecotourism, specializing in environmental management and ecotourism. She has participated in numerous consultancies and research projects related to ecotourism, nature tourism and alternative tourism, trying to emphasize strategies to approach the objectives of sustainability. She currently works as a teacher in the Bachelor of Tourism at Universidad de la República and in the Bachelor of Educational Recreation and the Bachelor of Tourism Business Management at Universidad Católica del Uruguay. In addition to teaching, she dedicates part of her time to conducting research that addresses tourism from different perspectives.

Julia and Elvira will be presenting at #IAMSLIC2022 on "Environmental sciences libraries as a force for good in a world of skepticism and disillusion".

As might be obvious from their backgrounds, Julia is interested in library history and information literacy and Elvira is interested in sustainable tourism, territorial processes, and sustainable development. Please do chat to them at the conference about these things, and more!



Geoff Timms

Geoff is the Librarian for Marine Resources at the Marine Resources Library in Charleston, SC, USA. He has been at the library for seven years, and serves both the College of Charleston, South Carolina Department of Natural Resources, and the NOAA/NIST Charleston laboratories. He is a tenured member of the faculty of the College of Charleston. Geoff was formerly Systems Librarian at Mercer University in Macon, GA. He has been a member of IAMSILIC and SAIL for seven years, attending every IAMSILIC and SAIL conference since fall 2019. He currently serves as IAMSILIC Treasurer, interim website manager, and on the IAMSILIC 2022 Conference Planning Committee and the IAMSILIC Resource Sharing Taskforce. (Thank you, Geoff!)

Geoff's presentation for #IAMSILIC2022 is titled "Assume Nothing! Investigating New Marine Biology Graduate Student Information Literacy and Research Practices to Inform Training".

Geoff's current research interests include bibliometrics and information literacy. Outside of work, he loves fishing, gardening, cooking, any excuse to run a chainsaw, and being creative. Feel free to chat to Geoff during the conference about any of this and more - particularly the chainsaw



Kristen LaBonte

IAMSILIC membership database manager and Membership Committee chair (plus former Treasurer).

Kristen is a Research & Engagement Librarian at the University of California, Santa Barbara in the United States. She is a subject liaison to multiple life and environmental science departments. Kristen earned a Bachelor's Degree in Geography from the University of California at Santa Barbara in 1999 and a Master's of Library Science in 2004 from Southern Connecticut State University. She then joined the CSU Channel Islands faculty as the Digital Resources and GIS Librarian and in 2011, she returned as a Reference & Instruction Librarian to the UCSB Library.

Kristen will be presenting in person at the conference on "Strategic planning for shifting academic librarian roles:

Moving from subject librarianship towards functional, skill-based teams".

Professionally, Kristen is interested in reference librarianship, subject librarianship, and science librarianship. Personally, she is interested in winemaking, organic gardening, community gardens, travel, live music, birdwatching, hiking, bikepacking and backpacking, so you can chat with her about all this and more in person!



Amanda Whitmire

Cyamus Regional Representative.

Amanda describes herself as an oceanographer by training and a librarian by chance. She is Head Librarian at the Hopkins Marine Station of Stanford University. She earned her BS degree in Aquatic Biology from the University of California Santa Barbara and a PhD in Oceanography from Oregon State University. Amanda loves the variety of the day-to-day duties of running a branch library, but most enjoys working with faculty and students, and curating both the historical and born-digital data collections of the marine station.

At #IAMS LIC2022 Amanda will be presenting on "Collection connections: a library vignette on democratization of aquatic science knowledge". She will be presenting in person.

Professionally, Amanda is interested in collections as data, open knowledge networks, and data curation. At home, Amanda is an avid gardener, crafter, carpenter, and keeper of chickens. So there is lots to chat with her about during the conference!



Yuriem Lezcano Lopez

Yuriem has worked for 26 years as Chief Librarian at the Center for Marine Research of the University of Havana, Cuba. She has finished all the courses of a master's degree in social development and is currently preparing her master's thesis.

She likes to study and improve herself professionally, but she also enjoys her family and good friends, plus music, dance, cinema, reading and learning about other cultures.

Yuriem will be presenting at #IAMS LIC2022 on "La Revista de Investigaciones Marinas: transformations towards sustainability. What are we thinking for the immediate future?". She will be at the conference in person, so please do connect with her about this, and any of her other interests.



Jan Sung

Jan came to the University of Hawaii at Manoa in 2008, as the Head of Access Services. Previous to that she worked at Eastern Illinois University for six years, as the assistant head of the Circulation Department. Currently she is working as a member of the Science and Technology Reference Department. Jan earned her MLIS from the University of Illinois Urbana-Champaign and her PhD in Educational Psychology from the University of Texas at Austin.

Jan's topic for #IAMSLIC2022 is "Voyage from Print to Electronic". Jan's professional areas of interest include statistical analysis and collection development. During her free time she likes to bother her five grandsons on FaceTime, and she enjoys paddling, sailing, singing, and hiking with her husband.

Be sure to connect with Jan during the conference about both her professional and personal areas of interest.



Dr. Santiago Caro Ros

Santiago is a veterinarian, oriented towards food technology, with a thirty five-year long career. At present he is in charge of the communication area of the governmental agency for fisheries management. Previously he was a technical adviser of an international organization, where he was responsible for promotion, relationships, communication, project design, consultancy, conferences addresses, redaction of technical articles, publication editing, personnel supervision and general management. He has experience with the design of quality assurance plans, fishing plants inspection, and sanitary control of internationally traded fishery products.

Santiago will be introducing us to our host institution DINARA, where he is the Director of Institutional Communication, Library and IT.



Joyce M. Shaw and Megan Le

Joyce and Megan are from the University of Southern Mississippi, where Joyce has been Head of Gunter Library at the Gulf Coast Research Laboratory (Ocean Springs, MS, USA) since December 1995. In 2008 Joyce was invited to join the faculty of University Libraries (The University of Southern Mississippi) as an associate professor, awarded tenure in 2009, and promoted to Professor in 2015. A 26-year member of IAMS LIC, in 2013-2015 she served as the SAIL Representative on the IAMS LIC board. She has served four terms as Chair of the Special Libraries Section of the Mississippi Library Association and is in her second term as chair of Atmospheric Science Librarians International. She is a graduate of Rosary College (now called Dominican University, River Forest, IL, USA) with an MLIS and Roosevelt University (Chicago, IL, USA) with an MA in Urban Studies. In 2022 she received The University of Southern Mississippi Excellence in Librarianship award.



Megan is a recent MLIS graduate student of the University of Southern Mississippi, and is starting to train as a reference librarian.

Joyce and Megan will be presenting on "Books for children and young people to increase science information literacy about ocean pollution".

In her spare time Joyce is an active volunteer, with membership in and past president of the Rotary Club of Ocean Springs, an associate member of North Bay Civitan Club, and Co-Zone Captain for the Mississippi Coastal Clean-Up. Professionally, she is interested in scholarly communication, emergency and disaster preparedness, mentoring, and the history of the Gulf Coast Research Laboratory. Personally she is interested in volunteering, and collecting Matchbox, Hot Wheels, and other toy work vehicles, especially concrete mixers. Megan on the other hand has an interest in film studies, so please do talk to either of them about their interests (or anything else) during the conference!

ACKNOWLEDGEMENTS

I would like to express my heartfelt thanks to the 2022 IAMS LIC Conference Planning Committee members. I cannot express how much I appreciate your insight, creative ideas, and support. Thank you to Aída Sogaray, Stephen Alayon, Angela Clark-Hughes, Jaime Goldman, Kristen Labonte, Hannah Russell, Jeanine Scaramozzino, Geoff Timms, and Jennifer Walton.

I would like to give special thanks to Aida who did outstanding work in organizing the event and to the Dirección Nacional de Recursos Acuáticos ([DINARA-MGAP](#)) Montevideo, Uruguay) for hosting this year's event and for their hospitality in providing conference facilities.

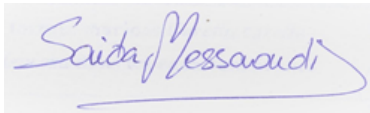
Also, thank you to FAO-ASFA for the pre-conference event and for ensuring accessibility during our conference with their kind provision of translation services!

Thank you to ProQuest (part of Clarivate) for supporting us with financial gift to support conference attendance!

Thank you to everyone who contributed to the success of this year's 48th IAMS LIC Conference and the 4th meeting of the Latin American Regional Group (LARG) meeting: speakers, presenters, attendees...

We did our best to coordinate our efforts across five continents and various time zones to accomplish this IAMS LIC's first ever HYBRID conference. Thank you all for your cooperation to keep IAMS LIC strong.

Sincerely,



Saida Messaoudi
2022 IAMS LIC Conference Committee Chair