



# What we do matters

**Libraries, climate change, and transformation**

**#IAMSLIC2023**

**49<sup>th</sup> IAMSLIC Annual Conference**

Hosted virtually by the University of British Columbia Library  
and the Cyamus Regional Group

**23-26 October, 2023**



**What We Do Matters**  
**Libraries, Climate Change,**  
**& Transformation**

49th IAMSLIC Conference | October 23-26, 2023

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## IAMSLIC OFFICERS

The Executive Board and the 2023 Conference Planning Committee of the 49<sup>th</sup> Annual Conference of the International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) welcome you to our 2023 online conference.

**President (2022-2023)**

Saida Messaoudi

National Institute of Marine Science and Technology (INSTM) | Tunis, Tunisia

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Angela Clark-Hughes

University of Miami | Florida, USA

## CONFERENCE OVERVIEW

The planning committee of the 49<sup>th</sup> Annual Conference of the International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) welcomes you to our conference on 23-26 October 2023.

### > *Every bit of warming matters, every year matters, every choice matters – IPCC*

Inspired by the UN IPCC's core message, the 2023 conference theme is **What we do matters: Libraries, climate change, and transformation**. This theme speaks to the roles of libraries and library workers in supporting research and learning; building connections and supporting communities; and undertaking the transformative change that is needed in our communities, our institutions, and ourselves. We are all connected and the changes we make can have far reaching impacts. To achieve “transformative systemic change” (IPCC), we seek inspired approaches to investigate and imagine new futures, accelerate change, and most importantly, work together. Throughout the conference, we will explore how these core messages relate to libraries and library workers.

The conference program features invited guests from British Columbia and the Cyamus region speaking on the impact of climate change on the natural world, presentations by members from around the globe, asynchronous content to accommodate different time zones, and social, cultural and wellness activities.

In keeping with our theme, the 2023 conference is fully virtual. Wherever you are located, you can participate! Using the Pheedloop conference platform, we have created a virtual space for participants to attend sessions, view pre-recorded content, and engage with each other in real-time. We'll use Zoom for all sessions, meetings, and break-out rooms. Sessions will be recorded and made available on Pheedloop for three months post-conference.

### **2023 IAMSLIC Conference Planning Committee:**

- Hannah Russell (Chair)
- Sally Taylor (Host)
- Helen Brown (Host)
- Mathew Vis-Dunbar (Host)
- Angela Clark-Hughes
- David Baca
- Dorothy Barr
- Geoff Timms
- Ruth Gustafson

## CONFERENCE SPONSORS AND PARTNERS

Thank you to the University of British Columbia Library, for being our host institution, and for sponsoring our **Where does carbon lurk? Finding our way to lowering carbon in libraries** workshops with Kate Elliott.



Thank you also to the IAMS LIC regional group Cyamus, for sponsoring our use of Pheedloop for the conference.



Huge thanks to [Inter-Research](#). Their very generous sponsorship has allowed us to offer fifty sponsored conference registrations for IAMSLIC members from low and middle income countries.



Many thanks also to our sponsors [Clarivate](#) and [Wiley](#). Their generous contributions have enabled us to support conference events.



## IAMS LIC CONFERENCE CODE OF CONDUCT

The International Association of Aquatic and Marine Science Libraries and Information Centers (IAMS LIC) 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.

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

[View official document online](#)

## PHEEDLOOP AND ZOOM INFORMATION

The virtual conference will take place online using the Pheedloop conference platform, integrated with Zoom. A link to join the virtual conference will be sent to all participants in advance.

The conference presentations will be recorded and made available each day via the Pheedloop platform. Poster presentations and exhibitor information are available any time in the Exhibit Hall, while on-demand films, videos, and recommended music and podcasts are available in the Showcase. The recordings and asynchronous content will allow participants in different time zones to view sessions and attend the conference during the week and for three months post-conference.

### **Suggestions for Presenters / Speakers**

- We highly recommend using a desktop or laptop computer, wired internet, and wired headphones and microphone, to avoid technical issues and 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 use more bandwidth.

### **Suggestions for all Attendees**

- We recommend using the Google Chrome browser on a desktop or laptop computer, with a wired internet connection offering at least 5 Mbps download speed for optimal functionality. Try Edge as your browser if Chrome is unavailable.
- Join the conference a few minutes early to make sure you can access it. Consider joining the Tech Check for Attendees session just before the conference starts if you have any concerns. For technical support, email [iamslic.conference@ubc.ca](mailto:iamslic.conference@ubc.ca).
- Click on Sessions to navigate between presentations. Join a live session by clicking "Join Audio." You can then turn on closed captions using the "Show Captions" button, and maximize or minimize your webinar window as needed.



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What we do matters

- If you have questions for the presenters, please put them in the Q&A or raise your hand and they will be addressed by the moderator. If you speak, please say your name to help everyone identify who is speaking.
- If you require technical support, please use the webinar chat.
- If you would like to chat with other participants, please use the Pheedloop chat.
- For interactive sessions such as activities, workshops and the business meeting, you can rename yourself by clicking on Participants. Find yourself at the top, click on the More button (with the dots), and then Rename.
- For interactive sessions such as activities, workshops and the business meeting, please mute yourself 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.
- Browse poster presentations and exhibitor information in the Exhibit Hall at any time, or go to the Showcase to find on-demand films, videos, and recommended music and podcasts. Recordings will be uploaded into past sessions as quickly as possible.
- Update your profile in the Account page and adjust your preferences for notifications and privacy.
- Connect using the Networking page. Use the "Online Now" filter to see who is attending at the same time as you. You can also leave comments, questions, etc. on the Pheedloop chats available in each session, poster, exhibitor, or Showcase page and others can respond throughout the conference.

## CONFERENCE SCHEDULE

The schedule below and on the [Pheedloop website](#) is in Pacific Daylight Time (PDT), the time zone of our hosts. The schedule on the [IAMS LIC website](#) and the Pheedloop conference platform (accessible to attendees only) should convert into your own time zone.

### IAMS LIC 2023 Conference – Program at a glance – Day 1, Monday, October 23

09:30 - 09:50	<b>Tech check for attendees (optional)</b>
10:00 - 10:15	<p><b>Welcome</b>  <i>Hannah Russell, IAMS LIC President-Elect and Conference Convenor</i>  <i>Saida Messaoudi, IAMS LIC President</i>  <i>Aleteia Greenwood, Associate University Librarian, Research and Scholarship, UBC Library</i>  <i>Sally Taylor, UBC Library co-host</i></p>
10:15 - 11:00	<p><b>Keynote: Rising sea levels and vanished streams in Vancouver: Teaching climate change and land use planning using historical and current resources</b>  <i>Claire Malek, Archivist, University of British Columbia Library</i>  <i>Helen Brown, Librarian, University of British Columbia</i></p> <p>As educators we must prepare students to make good decisions amidst massive intersecting issues such as climate change, biodiversity loss, Indigenous rights, wealth inequality, and the many other challenges facing communities today. For students in a forestry program focused on urban land use and public planning, we developed classes that try to do just that!</p> <p>By examining the area of Vancouver around False Creek and Burrard Inlet, we encouraged students to think about the past in order to build context that will help them plan for the future. We introduced students to historical sources and archival research so they would understand the history of the land, including whose land it is and how people were displaced, but also characteristics of the land and soil, vanished streams and waterways, and past storm surge and flooding events. We then looked at current sources like data, maps, plans, and photos that show planned developments by the Squamish Nation and a local hospital, flooding and surge events, infilled areas, impacts of heat events on intertidal species, and temperature differences due to land use and tree cover, as well as modeling of future sea level rise due to climate change.</p> <p>By combining these past, present, and future information sources, we can see changes from pre-reporting periods before climate change and biodiversity loss were well underway and better understand the current and future needs of communities, while also demonstrating how librarians and archivists can help prepare students for the challenging decisions and public planning needed today.</p>
11:00 - 11:30	<b>Break</b>
11:30 - 12:15	<p><b>Film Live Screening: The Nature of Things: Ice and Fire</b></p> <p>Relax with IAMS LIC colleagues while enjoying a live-streaming of Ice and Fire: Tracking Canada's Climate Crisis from The Nature of Things (44 mins). If you're able to, stay for a few minutes at the end to chat!</p> <p><a href="#">The Nature of Things</a> is one of the most popular and long-running shows in Canada. It first aired in 1960 and is still going strong! With all these episodes to choose from, why did we choose this one? Well, it obviously speaks</p>

	<p>to our conference theme (climate change) and host location (Canada), but it also strongly features BC, ice, salmon, kelp, wildfires, citizen science, restoration, Land Guardians, and information and data technologies like LIDAR, GIS, and AI, which helps us share a bit more about our conference host location while touching on a range of issues and information that we deal with in our libraries.</p> <p>If you are not able to attend the live-streaming, Yap Films has also made this episode temporarily available for conference attendees. You can find the link for on-demand viewing in the Showcase page for the duration of the conference.</p> <p><u><a href="#">Episode Description:</a></u>      "How does Canada measure up to the rest of the world when it comes to climate change? Have our wildfires become more dangerous over the past decade? Will our glaciers survive the 21st century?"</p> <p>Every month, the climate emergency brings dire headlines: the next 100-year flood, million-acre wildfire or supercharged hurricane. <b><i>Ice and Fire: Tracking Canada's Climate Crisis</i></b>, a documentary from <i>The Nature of Things</i>, shows that in the face of such radical transformation, measuring the true state of the planet is more than just good science – it's critical to our future on Earth.</p>
12:15 - 12:45	<b>Break</b>
12:45 - 13:00	<p><b>Exercise with UBC Rec's MoveU Crew</b></p> <p>Join UBC Recreation's MoveU Crew for a guided movement break with stretches and light exercises (and possibly some dancing?), adapted for all abilities.</p> <p>The <u><a href="#">Move U Crew</a></u> is committed to enhancing campus wellbeing. They do this by offering movement breaks in classes, conferences and meetings, hosting guided walks, and helping to coordinate walking challenges. Move U Crew members are "movement specialists" with experience in fitness, dance, stretching and a variety of other recreation specialties. The goal of the Move U Crew is to engage students, staff and faculty and contribute to personal, professional and academic success on campus and beyond.</p>
13:00 - 13:15	<p><b>Sponsor session: Exploring research trends in global ocean science and an update on Preprint Citation Index and Dissertation &amp; Thesis Citation Index</b>  <i>Ross Potter, Lead Data Scientist, Clarivate</i></p> <p>Ross Potter will show how Web of Science Core Collection data can be used to explore research trends in global ocean science. Examples from this recently published bibliometric analysis will illustrate publishing trends for the world's five ocean basins, focusing on national and institutional-level activity and collaboration trends. Ross will also discuss recent additions to Web to Science: Preprint Citation Index and ProQuest Dissertations and These Citation Index.</p> <p>Kristin Culp, Product Sales Manager will join the Poster &amp; Sponsor Q&amp;A session in the Exhibit Hall on Wednesday.</p>
13:15 - 13:30	<p><b>Sponsor session: Wiley</b>  <i>Branka Mrljes, Senior Account Manager, Wiley</i></p>
13:30 - 14:30	<p><b>Transformational digital landscapes for Indigenous Knowledge</b>  <i>Derek Tan, Manager of Exhibitions, Beaty Biodiversity Museum, University of British Columbia</i></p> <p>The Sturgeon Harpoon Knowledge Web is an online immersive environment of location-specific and time-linked cultural teachings which grew out of an extended collaboration between the Musqueam First Nation and the Beaty Biodiversity Museum at the University of British Columbia. The exhibit centers on Knowledge Keeper Morgan Guerin's making of a sturgeon harpoon, and Musqueam Archivist Jason Woolman's Knowledge Web linking all the organisms, tools, and technologies that go into the making of the harpoon and the sturgeon hunt. This</p>

	<p>exhibit received the British Columbia Museum Association's Innovation Award and the Governor General's Award for Excellence in Museums.</p> <p>Join Derek Tan, Manager of Exhibitions at the Beaty Biodiversity Museum, for a discussion on building space for Indigenous Knowledge in an academic science environment, and how this asset is currently being re-imagined for a customized version in the Musqueam community.</p>
14:30 - 14:45	<b>Break</b>
14:45 - 15:00	<p><b>Print or not to print? Universal access to information</b>  <i>Miraneta Williams Hazelman, Manager, Knowledge Management, Secretariat of the Pacific Regional Environment Programme (SPREP)</i></p> <p>Everyday we are faced with the dilemma of whether to print a resource or not. As we are a regional environment programme, we also need to be seen as 'walk the talk'. We have always mass produced our publications as we serve 26 member countries, 21 of which are Pacific island countries. Some of these island nations have limited internet access. Giving them only one option of access through online is like stripping them of their rights to have equal access to information. Our work in the region is to promote green practices which means we ought to refrain from printing copies of reports, etc. On the other hand, we also need to remember that print copies may be the only better chance for people in the village communities to access information. Without the availability of print copies, these individuals will never access the same resources that other people in other countries can access just because they can afford good internet infrastructure.</p>
15:00 - 15:15	<p><b>Books, movies, games, and other resources about climate change for building science literacy</b>  <i>Joyce Shaw, Head &amp; Professor, Gunter Library-Gulf Coast Research Laboratory</i>  <i>Megan Le, Library Assistant, Gunter Library-Gulf Coast Research Laboratory</i></p> <p>To encourage students to learn and engage with a complicated topic can be a challenge especially if the topic climate change is both scientific and political. Promoting science literacy makes it necessary to approach this highly charged topic from many directions. Because students learn in different ways, having resources in a variety of formats including standard print, video, graphic, and genres--fiction and science fiction, plus meeting the students "where they are", means offering a buffet of materials for individual learning and classroom teaching and learning. To support a wide range of individuals diverse body of young adult and older students in an academic setting, an annotated list of books, movies, documentaries, television shows and series, games, and internet resources was created. The annotations of each resource include a brief description of the resource, age appropriateness, and any awards or other recognitions. Nonfiction, fiction, and science fiction works are included.</p>
15:15 - 15:45	<p><b>Empowering Generation Z: The role of libraries as catalysts for climate change action</b>  <i>Miriam Charmigrace Salcedo, Librarian I, University of the Philippines - Diliman</i></p> <p>Libraries are steadfast in their commitment to empowering communities to actively engage in climate action. They serve as hubs of information, promoting informed and participatory societies that drive positive and transformative change. Generation Z (Gen Z), born between 1997 and 2012, prioritizes climate change as their foremost concern, displaying a greater propensity than previous generations to make environmentally-conscious purchasing decisions. Inspired by influential figures such as Greta Thunberg, Gen Z translates their environmental concerns into tangible actions. Future historians are likely to recognize their remarkable shift from environmental concern to proactive involvement. This study aims to examine the role of libraries as catalysts for climate change action and the empowerment of Gen Z. It investigates the awareness, attitudes, and engagement of Gen Z individuals regarding the involvement of libraries in addressing environmental challenges. Employing surveys and interviews, the study seeks to comprehend the impact of libraries in enhancing environmental awareness, fostering sustainable practices, and promoting active participation in climate change initiatives among Gen Z. The findings shed light on the effectiveness of libraries in providing access to climate change-related information, resources, and programs, as well as their capacity to foster partnerships and community collaborations.</p>

	Ultimately, this study contributes to understanding the transformative potential of libraries in empowering Gen Z to collectively pursue a more sustainable future.
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## IAMSLIC 2023 Conference – Program at a glance – Day 2, Tuesday, October 24

<p>09:30 - 09:55</p>	<p><b>Film Live Screening: Bákvn̄x̄ (The Harvest)</b></p> <p>Join IAMSLIC colleagues for a live-streaming of three short films from the Bákvn̄x̄ (The Harvest) collection (21 mins total).</p> <p><i>How can we take a little and leave a lot for nature?</i> The Bákvn̄x̄ (Harvest) collection explores the deep interrelationships between land, sea and people. This collection is a collaboration between the National Film Board of Canada's <a href="#">Ocean School</a> and the Haítzaqv Nation and the community of Wágłísł̄a (Bella Bella) on British Columbia's Central Coast. Bákvn̄x̄ (The Harvest) celebrates the reciprocal relationship between the Haítzaqv and these keystone species—a relationship that's over 14 000 years old! Join the Haítzaqv and other researchers to study the cycles that connect land and sea, and learn how traditional ecological knowledge can guide us into a more sustainable future.</p> <p>If you are not able to attend the live-streaming, you can also explore these films on-demand on the Showcase page. There you will also find links to the wider <a href="#">Bákvn̄x̄ (The Harvest) collection</a>, the <a href="#">National Film Board of Canada's</a> film collection, and the <a href="#">Ocean School</a>.</p>
<p>10:00 - 11:15</p>	<p><b>Keynote: Impact of climate change and other environmental stressors on coastal ecology in the Pacific Northwest</b></p> <p><i>Chris Harley, Professor, University of British Columbia</i>  <i>Jason Hodin, Senior Research Scientist, University of Washington</i>  <i>Leigh Torres, Associate Professor, Oregon State University</i>  <i>Sandra Emry, Postdoctoral scholar, University of British Columbia</i></p> <p>Join us for a panel with researchers from three universities located on the west coast of North America. The panel will be moderated by <b>Sandra Emry</b>, postdoctoral scholar from the University of British Columbia.</p> <p>The speakers are:</p> <ul style="list-style-type: none"> <li>• <b>Chris Harley, Institute for the Oceans and Fisheries and Dept. Zoology, UBC</b>              Long-term climate warming, along with extreme events like the 2021 western North American heat dome, have led to large changes to coastal marine ecosystems in British Columbia and beyond. I'll describe how these environmental challenges are impacting creatures ranging from barnacles to seaweeds to sea stars, explain why protecting shoreline biodiversity matters, and discuss some of the ways that non-scientists can get involved in documenting the effects of climate change.</li> <li>• <b>Jason Hodin, Friday Harbor Laboratories, University of Washington</b>              10 years ago a devastating seastar wasting event hit our region and much of the northeast Pacific, impacting multiple species; our iconic sunflower stars (<i>Pycnopodia helianthoides</i>) were impacted the worst. I will give an overview of our efforts, at Friday Harbor Labs on San Juan Island, to launch a captive breeding program for this now-endangered species, and how doing so has given us unprecedented insights into its basic biology, ecology and behavior throughout its life cycle. I will describe the emerging picture that links sunflower star health to two foundational and threatened habitats in our region: eelgrass and kelp forests.</li> <li>• <b>Leigh Torres, Geospatial Ecology of Marine Megafauna Lab, Oregon State University</b>              Gray whales in coastal Oregon waters frequently associate with kelp dominated reefs for foraging opportunities on zooplankton aggregations. Using data collected over a six-year period, we document that as the abundance of urchins – a known kelp consumer – increased, kelp health, zooplankton abundance, and gray whale foraging all declined significantly. Our research demonstrates the indirect effects of a classic trophic cascade on nearshore zooplankton prey and their predator, emphasizing the vital role kelp forests play across multiple trophic levels and interspecies linkages.</li> </ul>

11:15 - 11:30	<b>Break</b>
11:30 - 11:45	<p><b>Seeing the science, visualising trends in historical data for fisheries sustainability</b>  <i>Stephanie Ronan, Librarian, Marine Institute</i></p> <p>This presentation will discuss a project completed in the summer of 2023 involving two college bursary students working in the Irish Marine Institute. The project leveraged previous archival work conducted on digitising and making available the historical archive of the Irish Sea and Inland Fisheries Reports from 1839-1987. The library collaborated once again with the Fisheries department to hire two students for 8 weeks each to extract data on catch and effort from fishing ports in Co. Donegal and Co. Galway for the span of the reports. The aim was to establish historic baseline catch, effort and catch per unit effort data on key fish species from the pre-industrial phase of fishing in Ireland. A secondary objective was to visualise the data via story maps, infographics and map location, presenting an historic timeline of the biological and technical development of fishing in Donegal and Galway fishing ports over the past 140 years.</p>
11:45 - 12:15	<p><b>Volunteers in the library: Providing access to historical data at Woods Hole Oceanographic Institution</b>  <i>Audrey Mickle, Data Librarian, Woods Hole Oceanographic Institution</i>  <i>Karen Urbec, Institution Archivist, Woods Hole Oceanographic Institution</i></p> <p>The Data Library and Archives at the MBLWHOI Library benefits from our dedicated volunteers who are sharing their talents to move important projects forward. In our Reduced Data Cards project, volunteers are digitizing paper cards that contain bathythermographic data from the 1930s. In addition to their importance as archival objects, we are extracting and contextualizing this data to provide wider access to this historic ocean temperature and salinity/density data. In our Titanic Discovery Collection digitization project, we are anticipating the 40th anniversary of the discovery of RMS Titanic to provide digital access to the search logs, letters, and records of this event.</p>
12:15 - 12:45	<b>Break</b>
12:45 - 13:00	<p><b>Stretch Break with Loretta</b>  <i>Loretta Siu, Event Specialist and Yoga Instructor</i></p> <p>Whether it's a regular work day or a day at a virtual conference, most of us spend a lot of time sitting. So let's get up on our feet and spend 15 minutes breathing deeply and stretching out the body. All movements are done standing and will be accessible to most.</p>
13:00 - 14:30	<p><b>Where does carbon lurk? Finding our way to lowering carbon in libraries [option 1]</b>  <i>Kate Elliott, PhD candidate, Simon Fraser University</i></p> <p>Although part of our everyday landscape, climate change can be difficult to address. <i>When do we make time to discuss carbon emissions in our workplace? Where and how do we begin to contemplate our own agency—individual and collective—in mitigating carbon-related harm?</i> That discussion can seem overwhelming.</p> <p>This workshop invites you into that conversation by asking two key questions: “Where does carbon lurk?” and “What actions can we take in our libraries that might have the biggest impact?”</p> <p>To answer the first question, participants will collaboratively examine an institution to find carbon embedded in spaces, processes, and practices. This examination provides a scalar view of carbon flows within complex organizations, and of how it is controlled at different levels: by institutional policies, by processes required or normalized within different working branches, and by smaller groups in the course of their work.</p> <p>The second part of the workshop invites participants to dig into the carbon-lowering options available to libraries. In answering “What actions can we take?” participants will apply insights from their first discussion, and carbon emission information (supplied by the workshop facilitator). Participants are encouraged to share low-carbon</p>

	<p>practices that already exist within their library spaces, and to explore formal and informal ways to lower carbon in libraries.</p> <p>The workshop concludes with carbon's entanglement in issues of justice and care, locally and globally. Making space for workplace discussions about carbon can increase levels of care that ripple beyond our library spaces.</p> <p>Please note: This workshop will be offered twice to accommodate different time zones. You are welcome to join both.</p>
14:30 - 14:45	<b>Break</b>
14:45 - 15:45	<p><b>Learn to draw kelp forests!</b>  <i>Julius Csotonyi</i></p> <p>Join scientific illustrator Dr. Julius Csotonyi in this online art lesson where we'll learn how to draw the many beings of the kelp forest! Not only will you be making art, but you'll also get to learn more about this interconnected ocean community. Grab your pencil and join the fun!</p>
15:45 - 16:15	<p><b>Quiz</b>  <i>David Baca, Director, Texas A&amp;M University at Galveston</i></p> <p>How much do you know about British Columbia?</p>



## IAMSLIC 2023 Conference – Program at a glance – Day 3, Wednesday, October 25

<p>05:00 - 06:30</p>	<p><b>Where does carbon lurk? Finding our way to lowering carbon in libraries [option 2]</b>  <i>Kate Elliott, PhD candidate, Simon Fraser University</i></p> <p>Although part of our everyday landscape, climate change can be difficult to address. <i>When do we make time to discuss carbon emissions in our workplace? Where and how do we begin to contemplate our own agency—individual and collective—in mitigating carbon-related harm?</i> That discussion can seem overwhelming.</p> <p>This workshop invites you into that conversation by asking two key questions: “Where does carbon lurk?” and “What actions can we take in our libraries that might have the biggest impact?”</p> <p>To answer the first question, participants will collaboratively examine an institution to find carbon embedded in spaces, processes, and practices. This examination provides a scalar view of carbon flows within complex organizations, and of how it is controlled at different levels: by institutional policies, by processes required or normalized within different working branches, and by smaller groups in the course of their work.</p> <p>The second part of the workshop invites participants to dig into the carbon-lowering options available to libraries. In answering “What actions can we take?” participants will apply insights from their first discussion, and carbon emission information (supplied by the workshop facilitator). Participants are encouraged to share low-carbon practices that already exist within their library spaces, and to explore formal and informal ways to lower carbon in libraries.</p> <p>The workshop concludes with carbon’s entanglement in issues of justice and care, locally and globally. Making space for workplace discussions about carbon can increase levels of care that ripple beyond our library spaces.</p> <p>Please note: This workshop will be offered twice to accommodate different time zones. You are welcome to join both.</p>
<p>09:30 - 09:50</p>	<p><b>Tea meditation</b>  <i>Erik Fausak, Health Sciences Librarian, University of California Davis</i></p> <p>For any busy professional, mindfulness may seem too time consuming. Regular brief mindful practices between 5 – 15 minutes can have extreme benefits in self-care and wellness. Explore the benefits of mindfulness and tea in a busy world where occupational burnout is often a harsh reality. This tea meditation was initially developed for the veterinary community (where occupational burnout contributes to 4x the suicide rate of the general population). We will briefly explore how this meditation was developed by a therapist, practicing Buddhist and mindfulness educator after examining the evidence of mindfulness, dialectical behavioral therapy and the phytochemistry of tea. Links to self-guided sessions will be made available and we will engage in a mindfulness tea session.</p> <p>Bring your bowl, hot water, and tea (as a bag or loose leaf) and engage in some self-care before we start another great day at the IAMSLIC conference.</p>
<p>10:00 - 11:00</p>	<p><b>Keynote: Kelp forests in a warming ocean: Understanding the past, present, and future of kelp forests in British Columbia</b>  <i>Brian Timmer, PhD candidate, University of Victoria</i></p> <p>Kelp forests are among the most productive ecosystems on earth. They provide both food and critical nearshore habitat for numerous culturally and economically important species. Yet kelp forests are also among the most vulnerable marine habitats to climate change, and on the complex coastline of British Columbia the impacts of climate change on kelp forests can be seen in numerous ways. In this presentation, I will give an overview of the status and trends of kelp forests in British Columbia, in light of the ongoing and future effects of climate change</p>

	<p>on these crucial nearshore habitats. I will also introduce The Kelp Rescue Initiative - a dedicated team of scientists who are developing science-based solutions for kelp forest restoration in partnership with First Nations and local stakeholders - and discuss the restoration potential for kelp forests in British Columbia.</p>
<p>11:00 - 11:15</p>	<p><b>Break</b></p>
<p>11:15 - 11:30</p>	<p><b>Sponsor session: Inter-Research Science Publisher</b>  <i>Ian Stewart, Production Manager – Marine Ecology Progress Series, Inter-Research Science Publisher</i></p>
<p>11:30 - 11:45</p>	<p><b>Poster Presentations</b>  <i>Ffion Bell, Associate Editor, ICES</i>  <i>Helen Brown, Librarian, University of British Columbia</i>  <i>Mary Markland, Director, Guin Library, Hatfield Marine Science Center/Oregon State University</i>  <i>Mathew Vis-Dunbar, Data &amp; Digital Scholarship Librarian, University of British Columbia</i>  <i>Sally Taylor, Head, Woodward Library and Biomedical Branch Library, University of British Columbia</i>  <i>Yuriem Lezcano Lopez, Chief Librarian, Center for Marine Research (CIM-UH)</i></p> <p>Presenters will share a short summary of their posters. Following the presentations, you can visit the virtual Exhibit Hall to view the posters, and ask questions via chat or video chat.</p> <p>The posters are:</p> <p><b>Do you have a whale skeleton in your library? Outreach to a public library summer reading program / Mary Markland</b>      In spring 2023, the Guin Library director was approached by a local public library to be a presenter at one of their children's summer reading programs. With much trepidation, we accepted the invitation but got boggled by what to do for our hands-on activity. The HMSC Sea Grant marine educator staff, Oregon Coast STEM Hub and one of the HMSC labs came to the rescue with ideas for programming and activities. The program was successful and fun! Our activity could easily be recreated for other settings that involve outreach to children.</p> <p><b>External publications integration into the ICES library: Highlighting the wider community's research and collaboration landscape / Ffion Bell</b>      Since the launch of the new library platform in early 2022, it has been possible to integrate the work published externally to ICES (journal articles, conference contributions, reports from other bodies) by members of ICES expert groups into the main collection of work published in-house. This also includes works using ICES data, and outputs from ICES-funded symposia. This allows for a broader overview of how the experts working in ICES groups also collaborate in wider research networks, to answer questions on marine science, marine climate, and sustainable fisheries.</p> <p><b>IAMSLIC conferences in changing times / Helen Brown, Mathew Vis-Dunbar, Sally Taylor</b>      Over the last few years, how we meet and participate in conferences has changed dramatically due to the pandemic and improved virtual meeting tools. In IAMSLIC, we're now taking part in our fourth virtual or hybrid conference and we've seen changes in attendance during this time. At the same time, libraries and library associations are increasingly looking for ways to reduce their emissions and impact on biodiversity to limit climate change and meet the UN Sustainable Development Goals and their organizations' commitments. Climate change research shows that a primary source of emissions is air travel, and that in particular, wealthier institutions and researchers are more likely to engage in professional development and meeting activities that have a high climate impact. This study applies climate science evidence to library professional activities by analyzing attendance and emissions from past IAMSLIC conferences to answer questions about how much we're emitting, how attendance has changed, and the impacts of different options on emissions and accessibility. The goal of this project is to assess how we've changed and identify options to build community and resilience while meeting our responsibility to prevent further devastating climate impacts and injustice.</p>

	<p><b>Open access in Marine Sciences: Two experiences from the library of the Marine Research Center of the University of Havana (CIM-UH) / Yuritem Lezcano Lopez</b></p> <p>Repositories are information systems whose purpose is to organize, preserve and disseminate the scientific and academic resources of the contributing institutions through Open Access. This paper outlines the experience of the Library of the Marine Research Center of the University of Havana (CIM-UH) in participating in two repositories. One of these is the thematic repository AquaDocs (IODE-IOC) and the other is a general repository, Zenodo (created by OpenAIRE and CERN). The aim is to preserve and provide sustainable access to the bibliographic resources of the CIM-UH in marine, aquatic and fishing sciences. This is the only academic institution that provides undergraduate and postgraduate training of marine biologists in Cuba, and makes full-text documents accessible through integration and cooperation policies with international organizations. This contributes to the visibility of the specialized scientific community, as well as to the scientific production of its researchers.</p>
<p>11:45 - 12:15</p>	<p><b>Poster &amp; Sponsor Q&amp;A</b></p> <p><i>Branka Mrljes, Senior Account Manager, Wiley</i>  <i>Ffion Bell, Associate Editor, ICES</i>  <i>Helen Brown, Librarian, University of British Columbia</i>  <i>Ian Stewart, Production Manager – Marine Ecology Progress Series, Inter-Research Science Publisher</i>  <i>Kristin Culp, Product Sales Manager, Clarivate</i>  <i>Mary Markland, Director, Guin Library, Hatfield Marine Science Center/Oregon State University</i>  <i>Mathew Vis-Dunbar, Data &amp; Digital Scholarship Librarian, University of British Columbia</i>  <i>Sally Taylor, Head, Woodward Library and Biomedical Branch Library, University of British Columbia</i>  <i>Yuritem Lezcano Lopez, Chief Librarian, Center for Marine Research (CIM-UH)</i></p> <p>Join us in the Exhibit Hall to speak to poster presenters and our sponsors!</p>
<p>12:15 - 12:45</p>	<p><b>Break</b></p>
<p>12:45 - 13:00</p>	<p><b>Exercise with UBC Rec's MoveU Crew</b></p> <p>Join UBC Recreation's MoveU Crew for a guided movement break with stretches and light exercises (and possibly some dancing?), adapted for all abilities.</p> <p>The <a href="#">Move U Crew</a> is committed to enhancing campus wellbeing. They do this by offering movement breaks in classes, conferences and meetings, hosting guided walks, and helping to coordinate walking challenges. Move U Crew members are “movement specialists” with experience in fitness, dance, stretching and a variety of other recreation specialties. The goal of the Move U Crew is to engage students, staff and faculty and contribute to personal, professional and academic success on campus and beyond.</p>
<p>13:00 - 13:30</p>	<p><b>Needle in a haystack: Using a large language model to aid in the identification of species occurrences in unpublished student research reports</b></p> <p><i>Amanda Whitmire, Head Librarian, Miller Library, Stanford University</i></p> <p>Our coastal marine station, along with many others, holds a valuable collection of student research reports spanning several decades. These reports contain historical observations that could play a crucial role in identifying changes in biodiversity and revealing the impacts of climate change. However, a major obstacle in utilizing these observations of marine plants and animals is that they are essentially buried within vast amounts of text, making manual analysis impractical. In recent years, a dedicated team of Stanford Libraries staff has been experimenting with various text-mining approaches on our collection of student reports from Hopkins Marine Station. Our objective has been to identify species occurrences (species + place + date) and verify the accuracy of these observations. While we have achieved some small successes along the way, progress has been hindered by limited staff resources to develop a trained language model and a user interface to efficiently process over 700 papers. Nonetheless, our hopes were reignited by recent advancements in pre-trained large language models (LLMs) such as GPT-4 and LLaMA. In this presentation, I will share our journey of exploring the potential of applying an LLM</p>

	<p>approach on our corpus. I will delve into the development of prompts to extract taxonomic names, places, habitats, and dates from the corpus, and provide an overview of the workflow that spans from compiling collection metadata to the extraction of species occurrences.</p>
13:30 - 14:00	<p><b>Riding the waves of change: Navigating staffing transitions in marine science libraries</b>  <i>Jaime Goldman, Associate University Librarian for Public Services, Nova Southeastern University</i>  <i>Keri Baker, Scholarly Communications Librarian, Nova Southeastern University</i>  <i>Lisa Ferrara, Librarian II, Nova Southeastern University</i></p> <p>The NSU Oceanographic Center Library (OCL) has undergone a full change in staff over the past year. The new OCL librarian will discuss her onboarding and orientation experience at the Oceanographic Campus Library and how having a non-STEM background has created unique opportunities for a new vision for the library. The discussion will continue with a breakdown of the resources and strategies needed to learn more about the subject area as well as the daily operations of the library itself. The previous librarians, Jaime and Keri, will also comment on the history of the library and the challenges they faced hiring STEM librarians today.</p>
14:00 - 14:15	<p><b>Break</b></p>
14:15 - 15:45	<p><b>Telling Your Story</b>  <i>David Baca, Director, Texas A&amp;M University at Galveston</i></p> <p>Using storytelling to communicate can be very effective. Using stories to illustrate your achievements or challenges can make connections with your audience or administration. This 1.5 hour workshop will introduce you to the science of storytelling and help you develop a story about yourself or your institution. You will practice opening and closing lines, learn how to map the body of your story and listen to effective stories as told in the Moth Story Hour-style.</p>

## IAMSLIC 2023 Conference – Program at a glance – Day 4, Thursday, October 26

2:00 - 3:00	<p><b>EURASLIC Business Meeting</b>  <i>Stephanie Ronan, Librarian, Marine Institute</i></p>
9:30 - 9:50	<p><b>Lightwork Meditation</b>  <i>Elizabeth Stevenson, Circulation Desk Supervisor, UBC Woodward Library</i></p> <p>Lightwork meditation is a way to release worry, anxiety, emotions - whatever is going on for you. It's a way to come back to a calm, clear headspace. In this session you will learn practical meditation techniques to use in everyday life. The meditation is done seated in a chair, making it gentle on the body.</p> <p><b>About Lightwork</b>        Lightwork offers meditation and energy healing classes and services to people who are seeking new ways to take care of themselves. Most people discover Lightwork through the Lightwork Level 1 meditation series, which presents a powerful set of techniques for managing your energy, stress and emotions. Lightwork has been helping people make their lives brighter since 1996. Classes and services are available online. For more info about Lightwork, visit <a href="http://lightwork.ca">lightwork.ca</a>.</p>
10:00 - 10:15	<p><b>ASFA in 2023: Transforming its services to share aquatic science research and data</b>  <i>Maria Kalentsits, ASFA Knowledge Management Consultant, Food and Agriculture Organization of the United Nations</i>  <i>Tamsin Vicary, Fishery Officer, Food and Agriculture Organization of the United Nations</i></p> <p>This presentation will cover major updates of the ASFA partnership, including new OpenASFA features and conclusions from the recently held 2023 ASFA Advisory Board Meeting. OpenASFA has been used by partners to create and share bibliographic records for aquatic science research and data since 2021. OpenASFA has transformed the process in which ASFA shares its information and data and helped to align ASFA to the FAIR principles. From operating in a closed network, OpenASFA records are now freely searchable across different platforms as well as continuing to be sent to the full ASFA database on ProQuest. The 2023 ASFA Advisory Board meeting, held 3-6th October 2023, was an opportunity for partners to discuss important matters, such as the partnership agreement and structure of ASFA, an update on which will be given during this presentation. Opportunities for IAMSLIC members to contribute to ASFA will also be presented.</p>
10:15 - 10:30	<p><b>AquaDocs update: Charting the course ahead</b>  <i>Angela Clark-Hughes, Director of Rosenstiel School of Marine, Atmospheric, and Earth Science Library, University of Miami</i>  <i>Ekaterina Kulakova, Chief Specialist, Scientific Activities Organization Group, Russian Federal Research Institute of Fisheries and Oceanography (VNIRO)</i>  <i>Pauline Simpson, Project Manager IOC Ocean Best Practices System, UNESCO IOC Project Office for IODE</i>  <i>Sally Taylor, Head, Woodward Library and Biomedical Branch Library, University of British Columbia</i></p> <p>The AquaDocs repository is a partnership of International Association of Aquatic and Marine Science Libraries and Information Centers (IAMSLIC) and UNESCO/IOC International Oceanographic Data and Information Exchange (IODE) with support from the FAO Aquatic Sciences and Fisheries Abstracts (ASFA). Members of the Steering Group will provide an update on this year's activities, including the efforts to secure ongoing funding, developments to increase the visibility of AquaDocs, and strategies to support the multilingual communities who use AquaDocs.</p>
10:30 - 10:45	<p><b>Best practices and standards: Libraries led the way</b></p>

**49<sup>th</sup> IAMSLIC Annual Conference**  
**23-26 October 2023 | Online**  
**What we do matters**

	<p><i>Pauline Simpson, Project Manager IOC Ocean Best Practices System, UNESCO IOC Project Office for IODE</i></p> <p>Rarely will an ocean research proposal be written without the phrase best practices and standards being included. We will discuss : what is meant by a best practice and their difference to standards, and how the Ocean Best Practices System, a FAIR compliant permanent archive of best practices and standards, is sharing and maintaining the current methods and legacy of global ocean research. To end will be a discussion that whilst the information technology and data management practitioners may now lead in the creation and use of best practices and standards in the information sphere, it was libraries that laid the foundations.</p>
10:45 - 11:00	<b>Photo of IAMSLIC Conference Attendees</b>
11:00 - 12:15	<p><b>IAMSLIC Business Meeting, Invitation to 50th Conference and Conference Close</b></p> <p><i>David Baca, Director, Texas A&amp;M University at Galveston</i></p> <p><i>Hannah Russell, Technical Lead - Library &amp; Research Services, Inland Revenue</i></p> <p><i>Saida Messaoudi, Library Director, National Institute of Marine Sciences &amp; Technologies (INSTM)</i></p> <p><i>Samar Sherif, National Institute of Oceanography and Fisheries</i></p>

## CONFERENCE THEME AND TRACKS

The IAMS LIC 2023 conference theme is **“What we do matters: Libraries, climate change, and transformation.”** This theme speaks to the roles of libraries and library workers in supporting research and learning; building connections and supporting communities; and undertaking the transformative change that is needed in our communities, our institutions, and ourselves.

We are all connected and the changes we make can have far reaching impacts. To achieve “transformative systemic change” (IPCC), we seek inspired approaches to investigate and imagine new futures, accelerate change, and most importantly, work together. Throughout the conference, we will explore how these core messages relate to libraries and library workers.

In British Columbia, we see this theme of transformative change captured in the salmon, as a biological and culturally significant entity. Salmon transform throughout their life cycles, moving from stream to ocean to stream, and their health is closely tied to all of these places, inseparable from the health of Southern Resident Killer Whales, eagles, rivers, oceans, forests, bears, and human communities who rely on salmon for food, culture, and identity.

In 2022, heat and drought caused by climate change led to streams and rivers drying up and the death of thousands of salmon. Such events are expected to increase as we lose an estimated 95% of our glaciers in our lifetimes, decreasing fresh water levels and increasing water temperatures. While we witness these changes and resulting impacts, there are efforts to prioritize and teach Traditional Indigenous Knowledge, restoration, climate solutions, and climate justice.

IAMS LIC 2023 sub-themes/tracks are:

- Access
- Action on climate change and biodiversity loss
- Change and transformation
- Citizen science and monitoring
- Climate justice and equity
- Community and collaboration
- Data and research
- Historical sources
- Impacts and adaptation
- Library priorities and culture
- Misinformation, disinformation, and information literacy
- Restoration work
- Traditional practice and knowledge
- United Nations Sustainable Development Goals (SDGs)

## OUR PRESENTERS

### **Aleteia Greenwood**

#### **Associate University Librarian, Research & Scholarship, University of British Columbia**

Aleteia Greenwood is the UBC Associate University Librarian, Research & Scholarship and an artist. She is grateful to have grown up on, and to live and work on the traditional, ancestral and unceded lands of the Cayuse, Umatilla, Walla Walla, Kwantlen, Musqueam, Stö:lo, Tsawwassen, and Stz'uminus First Nations. Aleteia has an MLIS from the University of British Columbia. She previously worked as an art librarian and a science and engineering librarian. She has worked at UBC for over 35 years, starting as a student, then support staff, student librarian, librarian, head librarian and AUL. Aleteia loves cycling and bikes 23 miles round trip on her work commute, more recently on an electric bike because she's old. She is the proud sponsor of the Library #Climate Action Team, formed to address the existential threat posed by climate change in the UBC Library context.

### **Amanda Whitmire**

#### **Head Librarian, Miller Library, Stanford University**

I am an oceanographer by training and a librarian by chance. I am currently the Head Librarian at the Hopkins Marine Station of Stanford University and Acting Head of the Science and Engineering Resource Group. I earned my BS degree in Aquatic Biology from the University of California Santa Barbara and a PhD in Oceanography from Oregon State University. I love the variety of day-to-day duties of running a branch library, but most enjoy working with faculty and students, and curating both the historical and born-digital data collections of the marine station. At home, I am an avid gardener, crafter, carpenter, and keeper of chickens.

### **Angela Clark-Hughes**

#### **Director of Rosenstiel School of Marine, Atmospheric, and Earth Science Library, University of Miami**

### **Audrey Mickle**

#### **Data Librarian, Woods Hole Oceanographic Institution**

### **Branka Mrljes**

#### **Senior Account Manager, Wiley**

### **Brian Timmer**

#### **PhD candidate, University of Victoria**

Brian (he/him) is a National Geographic Explorer and Trebek Initiative grantee working on a NSERC supported PhD with Dr. Julia Baum in the department of Biology and the University of Victoria. He is using historical data that he found in the UVic archives to investigate half a century of changes to seaweed phenology and kelp forest distribution in the Salish Sea, as well as working with the Kelp Rescue initiative team to advance kelp forest restoration techniques. Brian spent nearly a decade as a SCUBA instructor before completing a BSc in Biology followed by an MSc in Geography focused on the remote sensing of kelp forests.

### **Chris Harley**

#### **Professor, University of British Columbia**

I'm a marine biologist who studies the effects of climate change on coastal marine ecosystems. I'm especially interested in the plants and animals that live on the shore, how they interact with one another, and how they are responding to warming and ocean acidification. I've been working in the Pacific Northwest for almost 30 years, I have a favourite starfish, and I've been a faculty member at the University of British Columbia since 2005.



**Claire Malek**

**Archivist, University of British Columbia Library**

I am a poet and archivist living on the traditional, ancestral, and unceded lands of the Musqueam people. Through collaborations and community, I am learning about the intersections of our environment, ourselves, the past, and the lovely need, and infinite possibility for, the present.

**David Baca**

**Director, Texas A&M University at Galveston**

I have recently retired from Texas A&M University at Galveston after 13 years there and more than 30 years in the library profession. I have been involved with IAMSLIC for 10 years and have held various positions, including President. As of this conference I will again be Sr. President-elect, taking the helm at the 2024 conference in Alexandria, Egypt. My contribution to this conference is through a workshop on storytelling and how we can use it in our lives and in our jobs.

**Derek Tan**

**Manager of Exhibitions, Beaty Biodiversity Museum, University of British Columbia**

**Ekaterina Kulakova**

**Chief Specialist, Scientific Activities Organization Group, Russian Federal Research Institute of Fisheries and Oceanography (VNIRO)**

Ekaterina Kulakova is Head of the Russian ASFA Center at the Russian Federal Research Institute of Fisheries and Oceanography (VNIRO), Moscow, Russia. She supervises, provides regular input, recruits new institutions and conducts group/individual trainings for the Russian ASFA Network (13 Collaborating Centers and 9 Associate Members). Until 2020, she was an editor of the OceanDocs e-Repository (IOC/IODE) and a member of the OceanDocs Steering Group. After the Ocean Docs and Aquatic Commons migration she now co-manages AquaDocs operations together with Sally Taylor (UBC, Vancouver, Canada). Ekaterina joined IAMSLIC in 2008 but her actual participation in the IAMSLIC conference took place in Rome, Italy in 2015. Since then, she has been an active participant of the EURASLIC Conferences.

**Elizabeth Stevenson**

**Circulation Desk Supervisor, UBC Woodward Library**

Elizabeth began [Lightwork](#) meditation classes in 2010 and has been teaching meditation since 2017. Meditation is helping Elizabeth to let go of fears and embrace all aspects of herself. She's excited that teaching classes gives her the chance to offer the Lightwork techniques to other people. Elizabeth also works at Woodward Library, where she is a sustainability leader. In her spare time, she loves singing and gardening -- often simultaneously.

**Erik Fausak**

**Health Sciences Librarian, University of California Davis**

Erik is a health sciences librarian at University of California, Davis. Erik's primary area of involvement is veterinary medicine where he has a great deal of clinical experience as a veterinary technician. He has a passion for incorporation of evidence-based practice into veterinary medicine. Erik also supports the undergraduate community in health sciences and is actively involved in the [Working Anthrozoology Group](#) and the [Global Tea Institute](#). His background in Anthropology (MA, Hunter College, CUNY) gives him a deep appreciation of the ritual of tea and essentially, a good cup of tea.

**Ffion Bell**

**Associate Editor, ICES**

Associate Editor at the International Council for the Exploration of the Sea (ICES).

### **Hannah Russell**

#### **Technical Lead - Library & Research Services, Inland Revenue**

Hannah has been in her current role with New Zealand's Inland Revenue for five months. Previous to that she was Library Manager with NIWA (National Institute of Water & Atmospheric Research) for eight years, and worked at NIWA as Document Supply & Reference Librarian for the nine years before that. Hannah is IAMS LIC's current President-Elect, and is the conference convenor for this conference.

### **Helen Brown**

#### **Librarian, University of British Columbia**

Helen is a Librarian at the UBC Woodward Science Library, where she works with researchers and learners in environmental and biological sciences. In particular, Helen focuses on climate action in libraries, knowledge synthesis methodologies, and evidence-based practice. She serves on a number of climate action committees at the University of British Columbia, the British Columbia Library Association, and the Canadian Federation of Library Associations. Helen previously worked as a Librarian in health and medicine, and also in public libraries, government archives, and community archives. She has MLIS and MAS degrees from the University of British Columbia, and MA and BA degrees from the University of Toronto.

### **Ian Stewart**

#### **Production Manager – Marine Ecology Progress Series, Inter-Research Science Publisher**

Like many who work in small organisations, over his 17 years at Inter-Research Ian has accumulated multiple hats: primarily Production Manager for *Marine Ecology Progress Series*, but also Subscriber–Publisher Relations, Rights and Permissions, and “Market Observer” among others. Before Inter-Research he worked as a professional librarian in his native New Zealand, also serving as the Otago/Southland Regional Councillor on the National Council of the Library and Information Association of Aotearoa New Zealand (LIANZA).

### **Jaime Goldman**

#### **Associate University Librarian for Public Services, Nova Southeastern University**

### **Jason Hodin**

#### **Senior Research Scientist, University of Washington**

Jason is a larval biologist at the University of Washington's Friday Harbor Labs (FHL), where he has been Senior Research Scientist since 2015. His main interest is in complex life cycles of marine invertebrates, with an especial focus on metamorphosis, and the cryptic post-metamorphic stages that receive relatively little attention despite their potentially major functions in ecosystems such as kelp forests. Since 2019, Hodin has run a captive breeding program at FHL for sunflower stars, with the dual goals of learning about the ecology, behavior and climate sensitivity of all of their life stages, and working towards possible rewilding in areas where they have all but disappeared, such as California.

### **Joyce Shaw**

#### **Head & Professor, Gunter Library--Gulf Coast Research Laboratory**

Joyce M. Shaw has served as the Head of Gunter Library at the Gulf Coast Research Laboratory (Ocean Springs, MS, USA) since December 1995. In 2008 she 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 27-year member of the IAMS LIC, in 2013-2015, she served as the SAIL Representative on the IAMS LIC board. She served five terms as Chair of the Special Libraries Section of the Mississippi Library Association and completed her second term as chair of Atmospheric Science Librarians International in 2023. 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. Her service activities include membership in and past president of the Rotary Club of Ocean Springs, associate member of North Bay Civitan Club, and Co-Zone Captain for the Mississippi Coastal Clean-Up. In 2022 she received The University of Southern Mississippi Excellence in Librarianship award and the Mississippi Library Association Peggy May

Award. The Gulf Coast Research Laboratory (GCRL), founded in 1949, is the only marine laboratory in the state of Mississippi. Begun in 1955 as a project of Dr. Gordon Gunter, third director of GCRL, the Gunter Library serves the students, faculty, and researchers sited at the Gulf Coast Research Laboratory and the School of Ocean Science and Engineering at Southern Miss.

**Julius Csotonyi**

**Natural History Artist**

Julius Csotonyi is a freelance natural history illustrator and biologist whose passion is the artistic portrayal of scientific subjects, especially prehistoric and extant wildlife. He collaborates on projects with museums, scientists, and publishers worldwide, working closely with experts and drawing on his own scientific background. An MSc graduate of Ecology and Environmental Biology (University of Alberta), and a PhD graduate of microbiology (University of Manitoba), he has published scientific papers on mutualism and deep ocean hydrothermal vent bacteria.

**Karen Urbec**

**Institution Archivist, Woods Hole Oceanographic Institution**

**Kate Elliott**

**PhD candidate, Simon Fraser University**

**Kate Elliott** is an educator and interdisciplinary PhD candidate at Simon Fraser University, where she works in the library as a graduate writing facilitator. An active member of the [Low Carbon Research Methods Group](#), Kate co-organized the 2021 Low Carbon Research Workshop, an international collaborative writing project to explore barriers and opportunities for lowering carbon in research practices. Kate was a 2022 Low Carbon Research Methods Group Seasonal Scholar and co-director of the 2022 Summer Institute. She offers Wayfinding for Restorative Methods through ongoing [Low-Carbon Office Hours](#).

**Keri Baker**

**Scholarly Communications Librarian, Nova Southeastern University**

**Kristin Culp**

**Product Sales Manager, Clarivate**

I have a B.A. Biology with a Specialization in Marine Science, Boston University. After years working as a biologist, I moved into sales to support research professionals around the world, first with Institute for Scientific Information (ISI) and eventually to ProQuest, now a Clarivate company. I joined IAMSLIC and the SAIL regional group in 2005. I've also been a member of the Cyamus regional group when I lived in San Francisco. I left my heart in S.F. (as they say), with the Marine Mammal Center Sausalito CA, which I am still a member. I've been living in Alexandria, VA since 2018. IAMSLIC supports my interests in marine science and expands my knowledge of librarian and information professionals' concerns, successes, and goals. I appreciate the IAMSLIC community and have made lasting friendships with you.

**Leigh Torres**

**Associate Professor, Oregon State University**

Leigh is a marine ecologist interested in understanding how marine animals, including marine mammals, seabirds and sharks, use their environment in the context of behavior, space and time. Leigh's research explores how marine predators find prey within highly patchy, variable marine ecosystems. Much of this work is directed toward improving conservation management of protected or threatened species. Leigh's work spans multiple spatial and temporal scales and occurs in many ecosystems including estuaries of Florida, near and offshore waters of the US and Latin America, pelagic regions of the Southern Ocean, and sub-Antarctic islands and coastal waters of New Zealand. Leigh's work often integrates various types of species distribution datasets (i.e., sightings, telemetry, survey, historical, and acoustic datasets) with layers of environmental, prey and anthropogenic variables to develop dynamic habitat use models that incorporate the functional ecology of predator and prey species. These methods can reveal how distribution and behavioral patterns alter within

a heterogeneous marine environment and lead to the development of predictive habitat use models. By identifying areas with increased presence of threatened species, management efforts can be more directed and effective. This is the goal of much of Leigh's work — to separate, in time and space, threats and marine animals.

**Lisa Ferrara**

**Librarian II, Nova Southeastern University**

Lisa (she/her) is a Librarian at the Oceanographic Campus Library of Nova Southeastern University. She received her Masters in Library and Information Science from Rutgers University in 2013, and a Doctor of Education degree from Nova Southeastern University in 2023.

**Loretta Siu**

**Event Specialist and Yoga Instructor**

Loretta has been practicing yoga since 2005 and teaching since 2016. She is always excited to show up to each class with clear and precise cues, creative sequencing, and uplifting ideas. Movement, breath, and inner work is integral to her own journey to a heart-centred life and she is passionate about sharing that with the world.

**Maria Kalentsits**

**ASFA Knowledge Management Consultant, Food and Agriculture Organization of the United Nations**

**Mary Markland**

**Director, Guin Library, Hatfield Marine Science Center/Oregon State University**

Mary Markland is the director of the Guin Library at the Hatfield Marine Science Center in Newport, Oregon. She has been with the Oregon State Libraries and Press for over 8 years. She has a BS in Biology from Iowa State University and an MA in Library and Information Studies from the University of Wisconsin - Madison. She has been working as a science or medical librarian for over 35 years. Working at a marine research station has always been her dream job!

**Mathew Vis-Dunbar**

**Data & Digital Scholarship Librarian, University of British Columbia**

Mathew Vis-Dunbar is the Data & Digital Scholarship Librarian at the University of British Columbia's Okanagan campus. In this capacity, he works with Biology, Physics, Math, and Computer Science. Supporting data literacies across many disciplines, Mathew is also very involved in promoting best practices in open, reproducible research.

**Megan Le**

**Library Assistant, Gunter Library/GCRL**

**Miraneta Williams Hazelman**

**Manager, Knowledge Management, Secretariat of the Pacific Regional Environment Programme (SPREP)**

**Miriam Charmigrace Salcedo**

**Librarian I, University of the Philippines - Diliman**

Miriam Charmigrace Q. Salcedo has a bachelor's degree in Library and Information Science from the University of the Philippines - Diliman. She was a librarian at Guang Ming College, the pioneer Humanistic Buddhist College in the Philippines. She joined the Digitization of World War II Records Project (Phase 2) of the Philippine Veterans Affairs Office in Maryland, USA. Her last job was at the College of Law Library of the University of the Philippines before joining the ranks of librarian in the University of the Philippines - Diliman University Library. Her usual research interest revolves around User Experience, Student Participation, Library Marketing, Records Management, and Cultural Heritage.

**Pauline Simpson**

**Project Manager IOC Ocean Best Practices System, UNESCO IOC Project Office for IODE**

Pauline Simpson is an information scientist with a wealth of experience in marine science data and information management and currently is the Project Manager of the Intergovernmental Oceanographic Commission Ocean Best Practices System whose mission is to have agreed and broadly adopted methods across ocean research, operations, applications and data management. Pauline is a past President of IAMSLIC and a member for many years. She was a recognized early advocate of the Open Access/Digital Repository movement in the UK, and involved in the early design of repository software and over the years has implemented institutional, thematic, research council and professional society repositories.

**Ross Potter**

**Lead Data Scientist, Clarivate**

Ross Potter, Lead Data Scientist, has extensive research experience within academia, including NASA related postdoctoral positions at the Lunar and Planetary Institute, Houston, Texas, and Brown University, Providence, Rhode Island.

**Saida Messaoudi**

**Library Director, National Institute of Marine Sciences & Technologies (INSTM)**

Saida MESSAOUDI: Director of Library at the National Institute of Marine Sciences and Technologies (INSTM) in Tunis, Tunisia. She received a Masters degree in Library Management in 2000. Saida serves as President of IAMSLIC (2022-2023). She is the past Chair of Afriamslic group (2019-2020). She is currently a Member of the AquaDocs Steering Group (as an invited expert) and also a member of AquaDocs Editorial Review Team. She is currently the FAO-ASFA National Partner for Tunisia, the Focal Point for the ASFA Africa Regional network and the Focal point of IODE Associate Information Unit (AIU).

**Sally Taylor**

**Head, Woodward Library and Biomedical Branch Library, University of British Columbia**

Sally Taylor is Head Librarian of the Woodward Library and the Biomedical Branch Library at the University of British Columbia in Vancouver, Canada. She co-led the development of the new AquaDocs repository with Pauline Simpson, and co-manages its operations with Ekaterina Kulakova. Sally joined IAMSLIC in 2000 when the conference was held a ferry ride away from Vancouver.

**Samar Sherif**

**National Institute of Oceanography and Fisheries**

**Sandra Emry**

**Postdoctoral scholar, University of British Columbia**

Sandra Emry is currently a postdoctoral researcher with The Living Data Project based at UBC, focusing on several aspects of data management, synthesis and archival in ecology. Prior to this, she completed her PhD at UBC with Chris Harley. Her work examined how multiple environmental stressors interact to alter organismal function, and how these changes propagate to impact community level processes such as biodiversity.

**Stephanie Ronan**

**Librarian, Marine Institute**

I am a solo librarian and Data Protection Officer at the Marine Institute in Galway, Ireland. I am also the current President of EURASLIC, our European regional group of IAMSLIC. I have been involved with IAMSLIC & Euraslic for 10 years. In October 2021 I hosted the joint 47th IAMSLIC conference and 19th Biennial EURASLIC conference, 'live' virtually from the Marine Institute in Ireland. I'm looking forward to presenting at this year's conference, and seeing how everyone interprets the theme. I wholeheartedly agree that 'What we do matters' and hope to leave the conference inspired by innovation and changes happening in our library community. I also hope to connect with my IAMSLIC colleagues and enjoy some virtual banter. See you soon.

**Tamsin Vicary**

**Fishery Officer, Food and Agriculture Organization of the United Nations**

**Yuriem Lezcano Lopez**

**Chief Librarian, Center for Marine Research, University of Havana (CIM-UH)**

I am a librarian by training and the chief librarian of the Marine Research Center of the University of Havana. I am also the Executive Editor of the Revista de Investigaciones Marinas published by my institution, a specialized publication that has been in circulation for more than 40 years of almost uninterrupted publication. I obtained my Bachelor's degree in Library and Information Sciences from the University of Havana and a diploma in Social Development from the Latin American Faculty of Social Sciences (FLACSO-CUBA). I have enjoyed working in a marine library for more than 20 years in the institution that trains the country's marine biologists. At home, I am a lover of culinary work, decoration and family gatherings. I love music, dancing and sharing with friends.

## ATTENDEES

1. Alice Endra  
National Fisheries Resources Research Institute  
Uganda
2. Alison Dodd  
Environment and Climate Change Canada  
Canada
3. Amanda Whitmire  
Stanford University  
United States
4. Amy Butros  
UC San Diego - Library  
United States
5. Andreas Walker  
Alfred-Wegener-Institut, Helmholtzzentrum für Polar- und Meeresforschung  
Germany
6. Angela Clark-Hughes  
University of Miami Rosenstiel School Library  
United States
7. Ann Campbell  
University of Miami Rosenstiel School Library  
United States
8. Arame G. Ndiaye Keita  
Direction des Peches Maritimes (DPM)  
Senegal
9. Aubrey Geyer  
University of British Columbia  
Canada
10. Blake Swan  
Fisheries and Oceans Canada  
Canada
11. Branka Mrljes  
Wiley  
Canada
12. Brian M. Voss  
NOAA Seattle Regional Library  
United States

13. Catherine Lawton  
Memorial University of Newfoundland, Fisheries and Marine Institute, Dr. C. R. Barrett Library  
Canada
14. Charlie Kambashi  
BGC Engineering Inc.  
Canada
15. Christa Albrecht-Vegas  
Naval Undersea Warfare Center  
United States
16. Christine Carrau  
Museum National d'Histoire Naturelle  
France
17. Christine Lemay  
Fisheries and Oceans Canada  
Canada
18. Claire Malek  
University of British Columbia  
Canada
19. Coco Chen  
University of British Columbia  
Canada
20. Coffi Ferdinando Rock GBEDO  
Centre de Recherches Halieutiques et Oceanologiques du Benin  
Benin
21. Daria O. Carle  
University of Alaska Anchorage  
United States
22. Daryl Superio  
Northern Iloilo State University Library  
Philippines
23. David Baca  
Texas A&M, Galveston (Retired)  
United States
24. Derek Tan  
Beaty Biodiversity Museum, University of British Columbia  
Canada
25. Dorothy J. Barr



- Ernst Mayr Library, Museum of Comparative Zoology, Harvard University (Retired)  
United States
26. Ekaterina Kulakova  
Russian Federal Research Institute of Fisheries and Oceanography (VNIRO)  
Russia
27. Elijah Mokaya  
Kenya Marine and Fisheries Research Institute  
Kenya
28. Elizabeth Stevenson  
University of British Columbia  
Canada
29. Elizabeth Fuseler Avery  
Retired  
United States
30. Erik Fausak  
University of California, Davis  
United States
31. Geoffrey Timms  
College of Charleston  
United States
32. Grace Garrity  
Ohio State University  
United States
33. Hannah Russell  
Inland Revenue  
New Zealand
34. Helen Brown  
University of British Columbia  
Canada
35. Ian Stewart  
Inter-Research Science Publisher  
Germany
36. Ingrid Čatić  
Institute of Oceanography and Fisheries  
Croatia
37. Isabirye Aggrey  
National Fisheries Resources Research Institute  
Uganda

38. Jaime Fogel  
Arthur Vining Davis Library and Archives, Mote Marine Laboratory  
United States
39. Jaime Goldman  
Nova Southeastern University  
United States
40. Jeanine M. Scaramozzino  
California Polytechnic State University  
United States
41. Jennifer Walton  
MBLWHOI Library  
United States
42. Jodi Psoter  
Duke University  
United States
43. John Conover  
Louisiana Universities Marine Consortium  
United States
44. John Paul Combalicer  
National Fisheries Research and Development Institute  
Philippines
45. Joseph deVeer  
Harvard University  
United States
46. Joyce M. Shaw  
Gulf Coast Research Laboratory, Gunter Library  
United States
47. Karen Urbec  
Woods Hole Oceanographic Institution  
United States
48. Karen Vermeylen  
Fisheries and Oceans Canada  
Canada
49. Kate Elliott  
Simon Fraser University  
Canada
50. Katie Lage

- MLML/MBARI Research Library  
United States
51. Kristen LaBonte  
University of California, Santa Barbara  
United States
52. Kristen L. Metzger  
CSA Ocean Sciences, Inc.  
United States
53. Kristin Culp  
Clarivate  
United States
54. Kyle Gailling  
University of British Columbia  
Canada
55. Laurel Kaminsky  
Marston Science Library, University of Florida  
United States
56. Leah Amoding  
Nakivale Community Library Network  
Uganda
57. Lisa Ferrara  
Nova Southeastern University  
United States
58. Liz DeHart  
University of Texas at Austin, UT Libraries, Marine Science Institute  
United States
59. Luz Estela Rodriguez Ibarra  
Centro de Investigación en Alimentación y Desarrollo, A.C.  
Mexico
60. Maditaba Meltaf  
NRF South African Institute for Aquatic Biodiversity  
South Africa
61. Maria Kalentsits  
FAO/ASFA  
Italy
62. Maria Salete Ribelatto Arita  
Universidade Estadual de Maringá. Núcleo de Pesquisas em Limnologia, Ictiologia e Aquicultura (Nupélia).  
Biblioteca Setorial do Nupélia.

Brazil

63. Mary Markland  
Oregon State University  
United States
64. Mary A. Sears  
Harvard University  
United States
65. Mathew Vis-Dunbar  
University of British Columbia, Okanagan  
Canada
66. Maureen Nolan  
University of Washington  
United States
67. Mercy Stephen Sebuliba  
Lake Victoria Regional Local Authorities and Counties Cooperation  
Uganda
68. Miraneta Williams-Hazelman  
Secretariat for the Pacific Regional Environment Programme (SPREP)  
Samoa
69. Miriam Charmigrace Salcedo  
University of the Philippines - Diliman  
Philippines
70. Molly Engelbrecht  
UC Davis Bodega Marine Laboratory  
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71. Oghenevwairhe Emefe  
Delta State College of Education Mosogar  
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72. Olga Kopytova  
A. O. Kovalevsky Institute of Biology of the Southern Seas of RAS  
Russia
73. Olivia Diehr  
Leibniz Institute for Baltic Sea Research  
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74. Pauline Simpson  
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75. Ruth Gustafson  
University of California Davis  
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76. Saida Messaoudi  
INSTM Library, National Institute of Marine Sciences & Technologies  
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77. Sally Taylor  
University of British Columbia  
Canada
78. Samar Sherif  
National Institute of Oceanography and Fisheries  
Egypt
79. Sandra Emry  
University of British Columbia  
Canada
80. Sara Yusta  
Universidad de Magallanes  
Chile
81. Serena Ableson  
Fisheries and Oceans Canada  
Canada
82. Silverio Ortiz  
Universidad Nacional del Comahue  
Argentina
83. Silvina Pérez  
Universidad de la Republica - Facultad de Veterinaria  
Uruguay
84. Sofija Konjevic  
Rudjer Boskovic Institute  
Croatia
85. Sonja Kromann  
National Marine Mammal Lab. Library (NOAA, NMFS)  
United States
86. Stephanie Granatin  
Bicol University Tabaco Library  
Philippines
87. Stephanie Ronan  
Marine Institute

Ireland

88. Stephen Alayon  
West Visayas State University  
Philippines
89. Stephen Pomes  
US Dept. of the Interior/BOEM  
United States
90. Susie Hallowell  
St. Johns River Water Management District  
United States
91. Suzanne Jay  
BC Housing  
Canada
92. Tami Wilkerson  
Columbia Basin Fish & Wildlife Library  
United States
93. Tamsin Vicary  
FAO/ASFA  
Italy
94. Teresa Barriga Ramírez  
CICIMAR-IPN  
Mexico
95. Tomoko Kitayama Yen  
University of British Columbia  
Canada
96. Warren Wulff  
Fisheries and Oceans Canada  
Canada
97. Yuriem Lezcano  
Centro de Investigaciones Marinas, Universidad de la Habana  
Cuba

49<sup>th</sup> IAMS LIC Annual Conference  
23-26 October 2023 | Online  
What we do matters

# CONFERENCE PHOTO



## ACKNOWLEDGEMENTS

I must start my thanks with Sally Taylor, who has been an absolute tower of strength and knowledge. She has taken on so much responsibility for this conference, including, I'm quite sure, lots of things that were technically supposed to have been done by me. Sally has been ably backed up by her UBC colleagues, Helen Brown and Mathew Vis-Dunbar. Between the three of them they have done massive amounts of work, including working on the conference website and Pheedloop platform, contributing to the conference theme and tracks, scheduling, organising invited speakers, providing asynchronous content, and so much more. The three of them have also been real advocates from the beginning for this conference as a fully virtual event.

I also want to give many thanks to the rest of the conference committee – Angela Clark-Hughes, David Baca, Dorothy Barr, Geoff Timms and Ruth Gustafson. It has been a genuine pleasure to work with all of them. Each has brought along their own area of expertise, and willingly contributed and shared their knowledge. Angela and Geoff in particular have been so much help with website and registration matters, Dave has contributed a lot to the social side of the conference, Dorothy has been of great help in relation to abstracts and the proceedings, and Ruth has brought a lot of both IAMSLIC and general conference organisation experience.

Thanks again to most of the same people – Angela, Dave, Geoff, Ruth and Sally, who will moderate sessions, and Helen and Mathew who will fill support and technical roles. Thanks to Kyle Gailling and Coco Chen, who are also providing technical support, and to Stephanie Ronan and Saida Messaoudi, who have done their best to promote the conference on social media.

Thank you very much to our presenters – without you, we wouldn't have a conference! Thank you for the time you have spent putting together your presentations, and for being willing to share your ideas with us all.

Thank you once again to our generous sponsors. The UBC Library as our host institution and the sponsor of our lowering carbon workshops, Cyamus for sponsoring our use of the Pheedloop platform, Clarivate and Wiley, whose contributions have generally supported conference events, and finally to Inter-Research, who's generous support has allowed us to offer sponsored conference registrations for IAMSLIC members from low and middle income countries.

And finally, thank you to you all for attending! I hope that you all enjoy the program that we have put together, and enjoy catching up with familiar faces, and making new connections.



Hannah Russell  
2023 IAMSLIC Conference Convenor