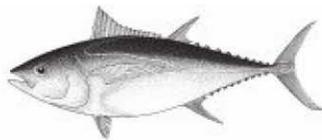


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Editorial



Bula and Season's Greetings from the PIMRIS team in Suva, Fiji!

Another year of resolutions, agreements and milestones is coming to an end. What a year it has been. Although challenged by Tropical Cyclone Winston early this year and a new team of staff amongst many other issues, PIMRIS Coordination Unit in Suva managed to achieve most of its planned activities for 2016.

The highlight of this year for us is the completion of the PIMRIS-Taiwan ROC 2015-16 Project, focusing on database development and digitisation activities within selected Pacific Island marine/fisheries libraries. We also successfully completed the 17th PIMRIS Steering Committee meeting in October, learning from lessons of the past and planned priorities for the next two years.

Many fisheries related developments also occurred during the year and we highlight a few here, including the signing of the new US South Pacific Tuna Treaty, the signing of new tuna processing cooperation between Pacific and Kiribati Fish Ltd. and other national efforts to improve fisheries sector development in the region.

PIMRIS acknowledges the support and assistance of all its partners during the year. Vinaka vakalevu to the University Librarian, Sin Joan Yee who is retiring after more than 40 years of dedicated service at USP and USP Library.

Have a safe, healthy, prosperous and successful 2017!

Susana Macanawai, *PIMRIS Coordinator*

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Retiring University Librarian, Sin Joan Yee during the PIMRIS meeting in October. (Photo: USP Library)

--Opinions expressed in articles included in the PIMRIS Newsletter do not necessarily represent those of any participants. --

Directory

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New Faces, New Places

Farewell & Vinaka!

Sin Joan Yee, the University Librarian at USP, was farewelled on December 2 2016 by USP Laucala Library staff. Joan retires from USP after 40 years of faithful service. She was also the overall manager and advisor for PIMRIS. Happy Retirement Joan!



Joan Yee



Ledua
Tamanitoakula

Ledua Tamanitoakula, the Part-Time Junior Library Assistant (PTJLA) at Lower Campus Library (PIMRIS), has completed her 1 year stint in November. We thank her for all her contributions and wish her well in the future.

Welcome!

Vivina Baukari, the Fisheries Officer at the Lami Fisheries Centre, Fiji is the new temporary contact for PIMRIS within the Fiji's Ministry of Fisheries until a Librarian is recruited. Vivina attended the PIMRIS meeting in October.



Vivina Baukari



Sala Bukaniyava

Sala Bukaniyava is the new Library Assistant (LA) at the Readers Services section of USP Laucala Main Library. Sala joins the team in Suva after working as a LA at the USP Centre in Labasa. We wish her well at her new location.

New South Pacific Tuna Treaty with US fishing companies signed



Tuna being offloaded from a fishing boat.
(Photo: <http://whereditunago315.blogspot.com>)

The new Multilateral Treaty on Fisheries (also known as the South Pacific Tuna Treaty), which was negotiated and concluded successfully in New Zealand in June 2016 between the United States (U.S.) and sixteen (16) Pacific Island representatives has had final amendments initialed at a ceremony in Nadi, Fiji in early December.

The new treaty which replaces the 27 year-old agreement is proposed to allow U.S. purse seine fleet to fish in Pacific Island waters through 2022.

According to a media note by the U.S. State Department, 'the revisions to the Treaty will generate higher economic returns from the fisheries of the Pacific Island countries, while supporting the continued viable operation of the U.S. fishing fleet in the region'.

Furthermore, 'the revisions include operational terms and conditions for the U.S. purse seine fleet to fish in waters under the jurisdiction of Pacific Island parties which cover a large area of the Western and Central Pacific Ocean'.

The South Pacific Tuna Treaty as widely known entered into force in 1988 and since 2009, the parties and relevant stakeholders involved including the Pacific Islands Forum Fisheries Agency (FFA) and the U.S. Fishing Industry, have been negotiating amendments to modernise the Treaty and extend its terms of access.

The U.S. Media note adds, 'Greater flexibility in the fishing arrangements, as well as opportunities for new forms of commercial operation, will benefit both the U.S. Industry and the Pacific Island parties'.

Following the success of this year's negotiations and the signing of the new Treaty, the United States intends to continue providing 21 million USD annually pursuant to a related agreement to support economic development in the Pacific Islands region.

The Pacific Island parties to the Treaty include 16 members of the FFA: Australia, Cook Islands, Federated States of Micronesia, Fiji, Republic of Kiribati, Republic of



Skipjack tuna being sold at the market in Honiara, Solomon Islands. (Photo: greenpeace.org)



A commercial fishing haul in Kiribati.
(Photo: AusAID/CC BY 2.0)

Marshall Islands, Republic of Nauru, New Zealand, Niue, Republic of Palau, Papua New Guinea, Samoa, Solomon Islands, Kingdom of Tonga, Tuvalu and Vanuatu.

Meanwhile, the FFA, charged with the administration of the Treaty can now move forward after a long year of complex negotiations.

The FFA Director-General, James Movick in a news release after negotiations in June stated, 'The sense of achievement and relief that regional cooperation has delivered a deal many doubted could be

achieved, definitely tops a very long, often frustrating, and sometimes torturous negotiations process for the Pacific'.

At the signing session, Mr Movick said, "For many of us who have been involved in the process there were many times when we honestly didn't feel that we would be able to reach an agreement on fundamental points-- let alone reaching a final outcome as we have here today."

"So what we have before us is a newly negotiated Treaty Framework that is ongoing and pre-agreed access arrangements for the next six years. It has taken us seven years to reach this point and again this highlights the increasing complexity and the changing nature of this relationship even over the period of this negotiation."

The FFA Director-General paid homage to the former FFC Chair, Fisheries Minister Elisala Pita of Tuvalu who signed the original US Treaty in 1987 for Tuvalu, and as Fisheries Minister for Tuvalu in June 2016, at the 18th meeting achieved a successful in-principle consensus on a new access fees/aid fees for the next six years.

FFA acknowledged the new agreement could be around 20 million USD less than what they would have received under the former deal. However, fewer days for U.S. boats meant its rate of return for each fishing day has never been higher.

(Sources: www.sandiegouniontribune.com, www.fis.com, <https://www.state.gov>, www.ffa.int)

About the FFA

The Pacific Islands Forum Fisheries Agency (FFA) strengthens national capacity and regional solidarity so its 17 members can manage, control and develop their tuna fisheries now and in the future. Based in Honiara, Solomon Islands, FFA's 17 Pacific Island members are Australia, Cook Islands, Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu and Vanuatu. Since 1979, FFA has facilitated regional cooperation so that all Pacific countries benefit from the sustainable use of tuna – a multi-billion dollar resource important for many people's livelihoods in the Pacific.

(Source: FFA web)

PIMRIS hosts its 17th Steering Committee Meeting & Training in Suva



The Pacific Islands Marine Resources Information System (PIMRIS) based at the USP Lower Laucala Campus in Suva hosted its 17th Steering Committee Meeting at the USP Library Conference room and training at the Information Technology Services (USP- ITS) Professional Lab from the 4-7 October 2016.

This PIMRIS meeting was to have been held in July this year, but the impact of Tropical Cyclone Winston at the beginning of the year delayed it by a couple of months.

The last meeting for the network was held in July 2014 and this year's meet was extra special as it was also the last for the current University Librarian, Ms Sin Joan Yee. Joan officially opened the meeting and was also officially farewelled by PIMRIS thereafter.

The first two days of the 4-day programme were allocated for reports and presentations by various stakeholders including a report by the PIMRIS Coordination Unit, and to review past years work and plan for the next two (2016-18).

The remaining two days were for sessions on Greenstone, USP library databases and resources, CiPs and ISBNs, Digitisation and refreshers on PIMRIS and its international partners' online resources.



Top: Group photo during the Opening. Bottom: Deputy University Librarian, Elizabeth Fong presenting gadgets to Lavinia Vaipuna (Tonga) and Mwaba Bakarere (Kiribati). (Photos: USP Library)

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PIMRIS partners were presented with laptops and portable drives to assist with digitisation activities at their libraries. (Photos: USP Library)

This year's PIMRIS meeting and training was made possible through a grant from the Taiwan ROC government.

This grant also enabled the purchase of several equipment (ie. laptops and portable drives) to assist with the digitisation and preservation of national fisheries/marine collections as well as training of new staff.

It was noted with concern during discussions at the meeting the low attendance and participation numbers over the years. However, all participants remained determined that to continue efforts to improve services although challenges of high staff turnover in national libraries, competing national priorities, lack of library budget amongst many others remain.

The meeting was also informed of many changes looming within stakeholder libraries, with the SPC undergoing restructuring and USP library awaiting the outcome of its latest review.

Participants agreed on specific priorities for the next two years focusing on encouraging non-active members to be involved, continuing with digitisation activities, updating members of local developments and events, lobby for internal (national) support and proposals for more funding to sustain current and implement new initiatives.

PIMRIS acknowledged the support of active members, especially regional partners (ie. SPC, FFA & SPREP libraries and information centres).

[End]

USP Library farewells University Librarian

The University of the South Pacific Library in Suva, Fiji farewelled its University Librarian in early December 2016. Sin Joan Yee, who started at the USP Library, Laucala Campus as a graduate trainee in the 70s has retired after 40 years of faithful service with the library.

Joan's very long dedicated years with USP library has ended and was marked with a traditional Fijian presentation and a party at the main library.

The special occasion was to thank her for all her contributions to USP over the years especially her leadership as the University Librarian.

Even some of the current staff at Laucala Libraries were not even born when she started and all came to hear about her early days of work and changes from then till now from her farewell speech and through a special tribute of past years slides images.

There were several speeches during the farewell, including that by the Deputy University Librarian, Elizabeth Reade Fong who described Joan as a gentle and sympathetic leader but with a strong sense of right and wrong.

She also mentioned how passionate Joan was with her work and how she stood up for the library and staff during many USP committee meetings she was part of and attended over the years.

Lavenia Sau, a Senior Library Assistant at the Laucala Main Library referred to Joan as a very humble boss, a mentor, teacher, guide and friend who as a leader, was never late and was always in her office before most staff arrive and when most have left at the end of the day.

Mrs Sau on behalf of the I&J (Intermediate & Junior) and PHP (Hourly Paid) staff thanked Joan for her open-door policy that enabled most of them to approach her in her office whenever they had issues to discuss or needed advice.

The Dean of the Faculty of Arts, Law and Education, Dr Akanisi Kedrayate was also present and spoke of a strong, dedicated and lovely colleague and friend whom she came to know more about when she took up responsibilities as the Local Director for the Confucius Institute in 2012.

Although Joan has retired from the library, she will continue to work part-time for the Confucius Institute on Laucala campus from 2017.



Left: Joan being garlanded by a staff during the farewell ceremony. Right: Joan delivering her speech.

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Earlier on during the opening of the 17th PIMRIS Steering Committee in October, participants also farewelled and thanked Joan on behalf of PIMRIS for her contributions to the network and especially to all the marine/fisheries libraries and information centres in the region.

Joan over many years in her capacity as the University Librarian was also the overall manager and advisor to PIMRIS' activities and projects, officiating during PIMRIS meetings and trainings and providing moral and advisory support to the development and improvement of Pacific Island marine/fisheries libraries.

Although most of current national fisheries and regional libraries representatives are new to the network, Joan thanked everyone including past PIMRIS reps. and especially regional (SPC, FFA, SPREP) organisations who are PIMRIS stakeholders for their support to the network over the years although there has been many changes and challenges.

Joan reiterated the need to maintain network activities and work together for the benefit of marine/fisheries library and information users in the region.

Gifts were presented on behalf of PIMRIS by Eddie Marahare (FFA librarian) and Miraneta Williams-Hazelman (SPREP).



PIMRIS farewelling the University Librarian, Sin Joan Yee during the opening of the 17th PIMRIS Steering Committee in October 2016 at the USP Library Conference room. (Photos: USP Library)

[END]

2017 Tide Prediction Calendars Released

More than 1,800 annual Tide Prediction Calendars for 19 Pacific locations have been distributed to 14 National Meteorological Service offices and other key ocean stakeholders throughout the region in early December.

These annual calendars are a popular product of the Australian-funded Climate and Oceans Support Program in the Pacific (COSPPac) and are now being designed and produced in the region by the Pacific Community (SPC)'s Ocean and Tides Knowledge Unit.

In many Pacific Island countries, the National Meteorological Service acts as the distribution point for these calendars. The Climate Manager of Vanuatu Meteorological Service, Philip Malsale says, "There are many users back home that are calling up to get the tide information and these calendars have been very beneficial."

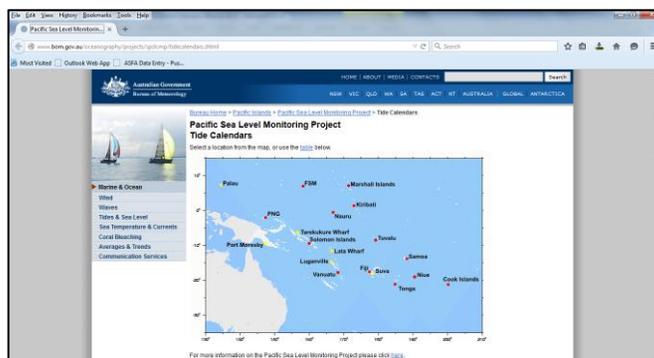
Similarly, the Director of the Marshall Islands Weather Service, Reginald White says of the tide calendars, "Now that we are doing coastal protection activities, many contractors come to find the appropriate day to work on the sea wall. It's come to the point where we are printing our own copies of the calendar and distributing them. It is a needed product that is used over and over."

The calendar predictions are calculated by the Australian Bureau of Meteorology's Tidal Unit with information from the Pacific Sea Level Monitoring stations and a few additional tide gauges around the region.

The calendars also include a local map, a table of highest and lowest predicted tides of the year, phases of the moon, indicators of highest and lowest tides of the month, and a fact sheet about tidal variability and extreme high tides (also known as King Tides in the region).

The 2017 Tide Prediction Calendars are available for these locations: Rarotonga, Cook Islands; Pohnpei Harbor, Federated States of Micronesia; Lautoka, Fiji; Suva, Fiji; Betio, Kiribati; Majuro, Marshall Islands; Aiwo, Nauru; Alofi, Niue; Malakal, Palau; Lombrum, Papua New Guinea; Port Moresby, Papua New Guinea; Apia, Samoa; Honiara Solomon Islands; Lata Wharf, Solomon Islands; Tarekukure Wharf, Solomon Islands; Nuku'alofa, Tonga; Funafuti, Tuvalu; Port Vila, Vanuatu; Luganville, Vanuatu.

The calendars can also be downloaded from the Australian Bureau of Meteorology website: <http://www.bom.gov.au/oceanography/projects/spslcmp/tidecalendars.shtm>



Monthly and annual calendars can be accessed from the ABM site (screenshot on left) and are in pdf format.

Two new locations in the Solomon Islands have been added this year and the project hopes to expand to additional locations next year according to the SPC Ocean & Tides Knowledge Unit Coordinator.

(Sources: SPC News, Australia Bureau of Meteorology)

News from around the Region

Kiribati Fish Ltd and Pacifical sign agreement to supply certified sustainable tuna

Kiribati Fish Limited (KFL) and Pacifical have signed an agreement to supply the world with Marine Stewardship Council (MSC) certified sustainable tuna, caught and processed in Kiribati.

The Memorandum of Understanding (MOU) countersigned by both parties will enable KFL to process MSC certified Pacifical tuna starting January 2017.

Xue Jun Du, the Managing Director of KFL stated that Kiribati Fish Limited have invested over 10 million US dollars in their new state of the art fish processing factory in Tarawa which has been certified by SQF and BRC.



Inside the new KFL fish processing plant in Tarawa, Kiribati. (Photo: KFL)

SQF (HACCP Quality Management System) and BRC (British Retail Consortium) are food safety management programs recognized internationally and also by SAI Global, Australia's peak non-government standards development organization (https://www.saiglobal.com/en-au/about_sai_global/our_business/company_overview/).

KFL's managing director further added that, KFL can now process and supply MSC certified tuna products such as yellowfin tuna steaks and loins for the export markets in the European Union (EU) and the United States after signing the agreement with Pacifical.

The Managing Director of Pacifical, Mr Henk Brus stated during the announcement of this new cooperation, that Pacifical is delighted to see another PNA based tuna processor join in their marketing effort to bring PNA processed MSC certified yellowfin (Parties to the Nauru Agreement) tuna to consumers around the world. More information about Pacifical: <http://www.pacifical.com/>

Mr Maurice Brownjohn of PNA applauded the latest achievement stating that PNA welcomes the news of Kiribati Fish Limited joining in partnership with Pacifical to process MSC certified tuna in Kiribati, creating jobs and income for PNA Island people.

He added, 'Together the PNA countries hold 25% of the world tuna stocks and have the largest MSC tuna certification available in the market. We encourage all processors in the PNA region to take advantage of the massive worldwide demand for PNA origin MSC certified tuna products and increase the processing of final products in the region'.

According to the KFL website, Kiribati's only major natural resource is fishing. It has the largest Exclusive Economic Zone or EEZ in the South Pacific. In 2006, fishing boats from Asia, Europe and US paid approximately 20 million US dollars in fees to extract over 2 million metric tons of fish from Kiribati waters worth about 3 billion US dollars.

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Staff at work at KFL's new fish processing plant in Tarawa, Kiribati. (Photo: KFL)

Kiribati Fish Limited (KFL) according to its website was formed in 2010 as a partnership between the Government of Kiribati (40%), Golden Ocean Fish Ltd. of Fiji (40%) and Shanghai Deep Sea Fishing of China (20%).

The goal of the partnership is to further develop Kiribati's fishing resources while bringing more of the value of these resources home to the government and people of Kiribati.

In September 2012 KFL completed the construction of an \$8 million+ USD fish processing plant that employs hundreds of people on Kiribati's capital island of Tarawa.

Thousands of indigenous Kiribati fishermen will now be able to take advantage of this new marketing outlet for their catch. KFL also plans to begin construction of a second plant on another island in Kiribati, "Kiritimati", also known as Christmas Island.

The creation of KFL has created an environment where the nation of Kiribati can develop and benefit from their own natural fishing resources in a more equitable and sustainable fashion.

These resources can now be used more effectively to improve the quality of life for all the people of Kiribati.



Tuna sushi. (Photo: KFL)

KFL currently employs around 300 people within its processing and fishing operations.

Pacific's goal from this new cooperation is to connect the company to new customers and markets utilizing the abundance of local tuna resources, help develop the region, create more jobs and generate income for the local people.

With significant socio-economic constraints due to its small landmass, limited resources, an unemployment rate of over 30% and an expanding population, Kiribati will benefit greatly from this new business partnership.

(Sources: KFL, Pacifical, fis.com)

Tonga Fisheries conducts National Fisheries Workshop



Participants and guests at the opening of the workshop. (Photo: Tonga MoF)

The Ministry of Fisheries conducted a 2-day Fisheries Sector Plan - National Fisheries Policy Workshop from 23-24 November 2016 at Tungi Colonade Hotel, Nukualofa, Tonga.

The Tonga Government's vision for fisheries is to make a significant contribution to better living standards for Tongans, in an economically, socially and environmentally responsible and sustainable manner. The Ministry of Fisheries is committed to their mission to achieve the vision through quality and timely services, characterised by integrity, teamwork and professionalism.

One of the ways for this vision to be achieved is through the implementation of the Tonga Fisheries Sector Plan and this workshop is one of the first steps we are taking to implement this plan.

Participants included Mr Taani Feao, the President of the National Fisheries Council, representatives from line ministries, local fisheries stakeholders and Ministry of Fisheries staff.

Also present at the opening of the workshop were guests and workshop facilitators including, Paul Wallis from the New Zealand Ministry for Foreign Affairs and Trade, Mike Batty (FFA), Jason Raubati (Pacific Community) and Lars Olsen from the New Zealand Department of Primary Industry.

The workshop aim was to update key stakeholders on the progress of the Sector Plan, and to discuss the proposed Tonga National Fisheries Policy.

The Ministry of Fisheries CEO, Dr. Tuikolongahau Halafihi in his opening address acknowledged the World Bank for their support in developing the Fisheries Sector plan, the New Zealand Ministry for Foreign Affairs and Trade for funding the Fisheries Executive Adviser, as well as funding the workshop, the Forum Fisheries Agency who have agreed to support an action under the sector plan for a review of stakeholder engagement, and the Pacific Community for undertaking a review of the Special Management Area Program.

(Source: Tonga Ministry of Fisheries)

Captured dolphins released after raid in Solomon Islands

A media release by the Solomon Islands Ministry of Fisheries & Marine Resources (MFMR) stated that a joint operation involving the Ministry of Fisheries and Marine Resources Compliance Officers and Royal Solomon Islands Police Force in late October has led to the release of 27 dolphins from floating cages at Mbungana, Central Islands Province.



Dolphins enjoying freedom in the ocean.
(Photo: Solomon Islands MFMR)

This operation was initiated by the Ministry of Fisheries following reports that a certain operator has been holding a number of captured dolphins in floating cages at Mbungana in contravention of the Fisheries

Management Act 2015.

Acting Permanent Secretary at the Ministry of Fisheries, Mr Ferral Lasi confirmed the raid saying that as the responsible Ministry we have to do our duty which includes enforcement of the Fisheries Management Act 2015 specifically the Fisheries (Dolphin Export Ban) Regulation 2013.

The current regulation prohibits any exports of dolphin, therefore any person who catches for sale and retain in captivity for sale, exports any live dolphin or operates a dolphin holding facility for the purposes for sale or export, commits an offence and is liable for a fine under this Regulation which is SBD\$500,000.00 or imprisonment for 2 years or both.

The week before, the Ministry of Fisheries compliance officers stationed at Noro with the assistance of Police conducted a similar raid at a location at Kolombangara Island in the Western Province and released a number of dolphins that were kept in a pen there.

Mr Lasi however, could not say whether there is a link between Kolombangara and Mbungana regarding dolphins that were held in the pens.

Initial findings had indicated a possible link but that can only be confirmed after the investigation is completed. The Acting Permanent Secretary said investigation is continuing and that perpetrators could be charged once investigations are completed.

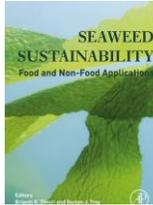
The Ministry of Fisheries regulation on dolphins clearly spells out that it is illegal to capture or hold dolphins in captivity.

Apart from the regulation which bans export of dolphins, the Ministry of Fisheries also has in place a policy not to issue license for trade of dolphins either export or capture because of likely adverse effect it will have on our tuna exports to overseas markets.

“Lobby groups can pick on such issues to campaign against us and if they do it will affect our tuna industry. With this policy in place we are protecting our Tuna Industry especially Soltuna and its 2000 plus employees from losing their jobs and other spin-off businesses if lobby groups finds out about the illegal dolphin trade,” he added.

(Source: SI MFMR Press Release – Francis Pituvaka, Communication Officer)

New Additions to PIMRIS Library



Seaweed sustainability: food and non-food applications/ edited by B. K. Tiwari & D. Troy. London, England: Academic Press, c2015. ISBN: 9780124186972.

This book uncovers seaweed potential and describes the various sources of seaweed, the role of seaweeds as a sustainable source for human food and animal feeds, and the role of seaweed farming for sustainability.

<http://www.sciencedirect.com/science/book/9780124186972>



Marine transboundary conservation and protected areas / edited by P. Mackelworth. New York, NY: Routledge, c2016. ISBN: 9781138851139.

This publication provides insights into the development of marine transboundary conservation initiatives looking at the effectiveness of international rules...

<https://www.routledge.com/Marine-Transboundary-Conservation-and-Protected-Areas/Mackelworth/p/book/9781138851139>



Marine and coastal ecosystem valuation, institutions, and policy in Southeast Asia / edited by N. Olewiler, H. Francisco & A. Ferrer. New York: Springer, c2016. ISBN: 9789811001390.

This book is a compendium of case studies illustrating how economic tools and techniques can be used to address a wide range of problems...

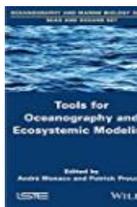
<http://www.springer.com/in/book/9789811001390>



Global climate change and human health: from science to practice / edited by G. Luber & J. Lemery. San Fran., CA: Josie-Blass, c2015. ISBN: 9781118505571.

Global climate change and human health examines the environmental crisis from a public health and clinical health perspective, giving students and clinicians the information they need to prepare for the future of health care.

<http://au.wiley.com/WileyCDA/WileyTitle/productCd-1118505573.html>



Tools for oceanography and ecosystemic modeling / edited by A. Monaco & P. Prouzet. London, England: Wiley, c2016. ISBN: 9781848217782.

This volume completes the "Seas and Oceans" set adopting a transversal approach leading to the governance and sustainable management of the marine environment.

<http://au.wiley.com/WileyCDA/WileyTitle/productCd-1848217781.html>



Vulnerability of Pacific Island agriculture and forestry to climate change / edited by M. Taylor et al. Noumea: SPC, c2016. ISBN: 9789820008823.

This publication highlights the underlying resilience of Pacific agriculture to climate change, particularly for many of the region's staple food crops.

<http://www.spc.int/publications/>



The state of world fisheries and aquaculture / FAO Fisheries Department. Rome: Food and Agriculture Organization of the United Nations, c2016. ISSN: 1020-5489.

This edition uses the latest official statistics on fisheries and aquaculture to present a global analysis of trends in fish stocks, production, processing, utilization trade and consumption.

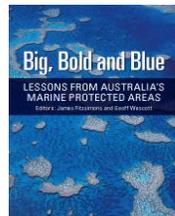
<http://www.fao.org/publications/sofia/2016/en/>



New Zealand coastal marine invertebrates – Vol. 1 / edited by de C. Cook. Christchurch, NZ: Canterbury University Press, c2010. ISBN: 9781877257605.

Covering nearly 1,500 species, this definitive guide to marine invertebrates found around the coasts of New Zealand is ideal for divers, naturalists, and professional scientists.

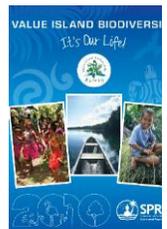
<https://www.amazon.com/New-Zealand-Coastal-Marine-Invertebrates/dp/1877257605>



Big, bold and blue: lessons from Australia's marine protected areas / edited by J. Fitzsimons & G. Wescott. Clayton, VIC.: CSIRO, c2016. ISBN: 9781486301942.

This book documents the progress across Australia's marine waters in developing the marine protected area system, the challenges faced and the lessons learnt.

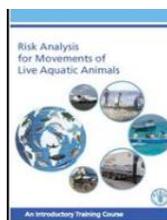
<http://www.publish.csiro.au/book/7293/>



Value island biodiversity: it's our life! / SPREP. Apia, Samoa : SPREP, c2011. Washington, D.C.: Smithsonian Books, c2015. ISBN: 9781588344915.

This is a report of a range of activities happened in the Pacific during the Year of Biodiversity (PYoB) 2010. It contains the PYoB in pictures, SPREP's work in 2010, initiatives and knowledge products launched during the year.

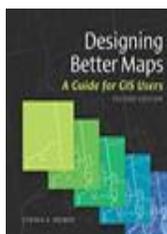
<http://www.sprep.org/Publications/value-island-biodiversity-its-our-life-magazinereport>



Risk analysis for movements of live aquatic animals: an introductory.../ prepared by R. Arthur & M. G. Reantaso. Samoa: FAO SAP, c2012. ISBN: 9789251071311.

This manual will assist national competent authorities and others involved in the assessment and management of risks associated with the international or domestic movement of live aquatic animals...

<http://www.fao.org/docrep/015/i2571e/i2571e00.htm>



Designing better maps: a guide for GIS users / Brewer, C. A. Redlands, CA: Esri Press, c2016. ISBN: 9781589484405.

A comprehensive guide to creating maps that communicates effectively and takes readers through the basics of good cartography, including layout design, scales, projections, color selection, font choices...

<http://esripress.esri.com/display/index.cfm?fuseaction=display&websiteID=293&moduleID=0>

Conferences, Workshops & Events

- 30 Jan – 3 Feb **WCPFC/IATTC Observer Cross Endorsement Training**, Pohnpei, Federated States of Micronesia (FSM).
- 6 -10 Feb **FFA 17th Regional Observer Coordinators Workshop (ROC17)**, Nadi, Fiji.
- 19 – 22 Feb **Aquaculture America 2017** – World Aquaculture Society, San Antonio, Texas, USA. AQUACULTURE AMERICA 2017 will have the largest aquaculture trade show in the Western Hemisphere and one of the largest anywhere in the world with nearly 200 booths! More info: <https://www.was.org/meetings/>
- 14 – 15 Mar **International Conference on Marine Science & Aquaculture (ICOMSA 2017)**, 'New Frontier in Sustainable Bioresources'. Kota Kinabalu, Malaysia. More info: <http://www.ums.edu.my/ipmbv2/icomsa/>
- 14 – 17 Mar **10th Head of Fisheries Meeting (HOF10)**, Pacific Community (SPC) Headquarters, Noumea, New Caledonia.
- 20 – 24 Mar **GIANT PRAWN 2017 (GP 2017)**, AITCC Hotel, Asian Institute of Technology, Bangkok, Thailand. GP 2017 is the next big thing to happen in the global farming and conservation of freshwater prawn of the genus *Macrobrachium*. More info: <http://www.giantprawn.org/>
- 8 - 12 May **FFC Annual 102nd Officials Meeting (FFC102)**, Rydges Capital Hill, 17 Canberral Avenue, Forrest, ACT 20163.
- 26 – 30 Jun **WORLD AQUACULTURE 2017**, Cape Town, South Africa. More Info: <http://www.was.org/meetings/default.aspx?code=WA2017>