

AIMS Publications for Jan - June 2024 (six month period) - Journal Articles

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	A Global Library of Underwater Biological Sounds (GLUBS): An Online Platform with Multiple Passive Acoustic Monitoring Applications	A Global Library of Underwater Biological Sounds (GLUBS): An Online Platform with Multiple Passive Acoustic Monitoring Applications	Journal Article	Miles J. G. Parsons,	Miles J. G. Parsons, Audrey Looby, Kranthikumar Chanda, Lucia Di Iorio, Christine Erbe, Fabio Frazao, Michelle Havlik, Francis Juanes, Marc O. Lammers, Songhai Li, Matthias Liffers, Tzu-Hao Lin, Simon Linke, T. Aran Mooney, Craig Radford, Aaron N. Rice, Rodney Rountree, Laela S. Sayigh, Renata S. Sousa-Lima, Jenni A. Stanley, Karolin Thomisch, Edward R. Urban, Louisa van Zeeland, Sarah Vela, Silvia Zuffi & Sophie L. Nedelec	The Effects of Noise on Aquatic Life: Principles and Practical Considerations	2024	Jan-24	2024	No	10.1007/978-3-031-50256-9_123
2	A targeted approach to enrich host-associated bacteria for metagenomic sequencing	A targeted approach to enrich host-associated bacteria for metagenomic sequencing	Journal Article	Madeleine J H van Oppen	Ashley M Dungan, Kshitij Tandon, Vanta Jameson, Cecilie Ravn Gotze, Linda L Blackall, Madeleine J H van Oppen	FEMS Microbes	5	Jan-24	2024	Yes	10.1093/femsmc/xtad021
3	Above and below-ground bacterial communities shift in seagrass beds with warmer temperatures	Above and below-ground bacterial communities shift in seagrass beds with warmer temperatures	Journal Article	Deepa R. Varkey	Luke DA. Walker, Paul E. Gribben, Tim M. Glasby, Ezequiel M. Marzinelli, Deepa R. Varkey, Katherine A. Dafforn	Frontiers in Marine Science	11	Jan-24	2024	Yes	10.3389/fmars.2024.1374946
4	Assessing Phytoplankton Primary Productivity Variability in the Changjiang Estuary, East China Sea From Coupled Fast Repetition Rate (FRR) Fluorometry and Chlorophyll-a Measurements	Assessing Phytoplankton Primary Productivity Variability in the Changjiang Estuary, East China Sea From Coupled Fast Repetition Rate (FRR) Fluorometry and Chlorophyll-a Measurements	Journal Article	David J. Hughes	Yuanli Zhu, David J. Hughes, Yuanyuan Feng, Thomas J. Browning, Ping Du, Qicheng Meng, Shengqiang Wang, Bing Wang, Dewang Li, Zhibing Jiang, Jiangning Zeng	Journal of Geophysical Research: Biogeosciences	129	Jan-24	2024	Yes	10.1029/2023JG007709
5	bayesnec: An R Package for Concentration-Response Modeling and Estimation of Toxicity Metrics	bayesnec: An R Package for Concentration-Response Modeling and Estimation of Toxicity Metrics	Journal Article	Rebecca Fisher, Diego R. Barneche, Gerard F. Ricardo	Rebecca Fisher, Diego R. Barneche, Gerard F. Ricardo, David R. Fox	Journal of Statistical Software	110	Jan-24	2024	Yes	10.18637/jss.v110.i05
6	Biological Surveys of Carondelet, a Shallow, Submerged Seamount in the Phoenix Islands, Kiribati	Biological Surveys of Carondelet, a Shallow, Submerged Seamount in the Phoenix Islands, Kiribati	Journal Article	Yashika Nand	Sangeeta Mangubhai, Yashika Nand, Aranteiti Tekiau, Brian Zgliczynski, Stuart Sandin	Atoll Research Bulletin	633	Jan-24	2024	Yes	10.5479/si.24970113
7	Chlamydiae as symbionts of photosynthetic dinoflagellates	Chlamydiae as symbionts of photosynthetic dinoflagellates	Journal Article	Madeleine J H van Oppen	Justin Maire, Astrid Collingro, Kshitij Tandon, Vanta J Jameson, Louise M Judd, Matthias Horn, Linda L Blackall, Madeleine J H van Oppen	ISME Journal	18	Jan-24	2024	Yes	10.1093/ismejo/wrae139
8	Co-occurring nitrifying symbiont lineages are vertically inherited and widespread in marine sponges	Co-occurring nitrifying symbiont lineages are vertically inherited and widespread in marine sponges	Journal Article	Heidi M Luter, Katarina Damjanovic	Bettina Glasl, Heidi M Luter, Katarina Damjanovic, Katharina Kitzingner, Anna J Mueller, Leonie Mahler, Joan Pamela Engelberts, Laura Rix, Jay T Osvatic, Bela Hausmann, Joana Séneca, Holger Daims, Petra Pjevac, Michael Wagner	ISME Journal	18	Jan-24	2024	Yes	10.1093/ismejo/wrae069
9	Coral recruits demonstrate thermal resilience	Coral recruits demonstrate thermal resilience	Journal Article	Annika M. Lamb, Lesa M. Peplow, Craig A. Humphrey, Lorenzo Latini, Guy A. McCutchan, Madeleine J. H. van Oppen	Annika M. Lamb, Lesa M. Peplow, Peter L. Harrison, Craig A. Humphrey, Lorenzo Latini, Guy A. McCutchan, Madeleine J. H. van Oppen	PeerJ	12	Jan-24	2024	Yes	10.7717/peerj.18273
10	Coral reef state influences resilience to acute climate-mediated disturbances	Coral reef state influences resilience to acute climate-mediated disturbances	Journal Article	Anna K. Cresswell	Anna K. Cresswell, Michael Renton, Tim J. Langlois, Damian P. Thomson, Jasmine Lynn, Joachim Claudet	Global Ecology and Biogeography	33	Jan-24	2024	Yes	10.1111/geb.13771
11	Cryptic species and hybridisation in corals: challenges and opportunities for conservation and restoration	Cryptic species and hybridisation in corals: challenges and opportunities for conservation and restoration	Journal Article	Cynthia Riginos, Iva Popovic, Ilha Byrne, S. Kevin Bairos-Novak, Adriana Humanes, Hugo Scharfenstein	Cynthia Riginos, Iva Popovic, Zoe Meziere, Vhon Garcia, Ilha Byrne, Samantha M. Howitt, Hisatake Ishida, Kevin Bairos-Novak, Adriana Humanes, Hugo Scharfenstein, Thomas Richards, Ethan Briggs, Vanessa Clark, Chuan Lei, Mariam Khan, and Katharine E. Prata	Peer Community Journal	4	Jan-24	2024	Yes	10.24072/pcjournal.492
12	Elasmobranch assemblage structure on protected high-latitude coral reefs of southeast Africa	Elasmobranch assemblage structure on protected high-latitude coral reefs of southeast Africa	Journal Article	Sarah Martinez, Conrad W. Speed, Mark G. Meekan, Arthur Yon	Sarah Martinez, Anthony T. F. Bernard, Conrad W. Speed, Bruce Q. Mann, Jennifer M. Olbers, Jade Q. Maggs, Camilla Floros, Mark G. Meekan, Arthur Yon	Marine Ecology Progress Series	749	Jan-24	2024	Yes	10.3354/meps14717
13	Feeding rates and carbon and nitrogen partitioning in crown-of-thorns sea star larvae (Acanthaster cf. solaris) during development	Feeding rates and carbon and nitrogen partitioning in crown-of-thorns sea star larvae (Acanthaster cf. solaris) during development	Journal Article	Frances Patel, Murray Logan & Sven Uthicke	Frances Patel, Chaoshu Zeng, Murray Logan & Sven Uthicke	Marine Biology	171	Jan-24	2024	Yes	10.1007/s00227-023-04377-z
14	Fine-scale interplay between decline and growth determines the spatial recovery of coral communities within a reef	Fine-scale interplay between decline and growth determines the spatial recovery of coral communities within a reef	Journal Article	Julie Vercelloni, Manuel González-Rivero, Murray Logan	Julie Vercelloni, Chris Roelfsema, Eva M. Kovacs, Manuel González-Rivero, Matthew T. Moores, Murray Logan, Kerrie Mengersen	Ecography	2024	Jan-24	2024	Yes	10.1111/ecog.06818
15	How the incentives of participating organizations influence the current scales of coral reef restoration activities	How the incentives of participating organizations influence the current scales of coral reef restoration activities	Journal Article	Mark Gibbs, Josh Ames, Ian McLeod	Mark Gibbs, Karen Jackel, Josh Ames, Ian McLeod	Aquatic Conservation: Marine and Freshwater Ecosystems	34	Jan-24	2024	No	10.1002/aqc.4077
16	Incorporating environmental factors is critical for determining conservation baselines for relative abundance of sharks on coral reefs	Incorporating environmental factors is critical for determining conservation baselines for relative abundance of sharks on coral reefs	Journal Article	Michelle Heupel	Naomi F. Farabaugh, Mark E. Bond, Demian Chapman, Eric Clua, Alastair R. Harborne, Michelle Heupel, Jeremy J. Kiszka, Michael R. Heithaus	Marine Ecology Progress Series	736	Jan-24	2024	No	10.3354/meps14566
17	Internal organs and body tissues of free-swimming whale sharks (Rhincodon typus) imaged using underwater ultrasound	Internal organs and body tissues of free-swimming whale sharks (Rhincodon typus) imaged using underwater ultrasound	Journal Article	Kim Brooks	M. G. Meekan, F. Thompson, K. Brooks, R. Matsumoto, K. Murakumo, E. Lester, A. Dove, B. Hopper	Frontiers in Marine Science	11	Jan-24	2024	Yes	10.3389/fmars.2024.1285429
18	Methods for estimating no-effect toxicity concentrations in ecotoxicology	Methods for estimating no-effect toxicity concentrations in ecotoxicology	Journal Article	Rebecca Fisher, Andrew, P. Negri, Joost van Dam, Florita Flores, Darren Koppel	Rebecca Fisher, David R. Fox, Andrew, P. Negri, Joost van Dam, Florita Flores, Darren Koppel	Integrated Environmental Assessment and Management	20	Jan-24	2024	Yes	10.1002/ieam.4809

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19	Modelling buoyancy-driven vertical movement of Trichodesmium application in the Great Barrier Reef	Modelling buoyancy-driven vertical movement of Trichodesmium application in the Great Barrier Reef	Journal Article	Chinenye J. Ani, Barbara Robson	Chinenye J. Ani, Mark Baird, Barbara Robson	Ecological Modelling	487	Jan-24	2024	Yes	10.1016/j.ecolmodel.2023.110567
20	Ningaloo Marine Park management program best practice for whale shark (Rhincodon typus) conservation	Ningaloo Marine Park management program best practice for whale shark (Rhincodon typus) conservation	Journal Article	Emily Lester	Julian A. Tyne, Holly Raudino, Emily Lester, Gemma Francis, Peter Barnes, Kelly Waples	Frontiers in Conservation Science	5	Jan-24	2024	Yes	10.3389/fcosc.2024.1499005
21	Optimising Facility Location and Sizing for Coral Aquaculture Production	Optimising Facility Location and Sizing for Coral Aquaculture Production	Journal Article	Mark T. Gibbs	Ryu B. Lippmann, Kate J. Helmstedt, Mark T. Gibbs and Paul Corry	Proceedings of the Royal Society of Queensland	131	Jan-24	2024	Yes	10.53060/prsq.2022-14
22	The role of Stakeholder Participation in Oman's Tourism Planning System	The role of Stakeholder Participation in Oman's Tourism Planning System	Journal Article	Selina M. Stead	Ahmed Sulaiman Khalfan Al Mahrizi, Tim Gray, Diana Gregory Smith, Selina M. Stead	Tourism Planning and Development	21	Jan-24	2024	Yes	10.1080/21568316.2024.2379904
23	Tissue-associated and vertically transmitted bacterial symbiont in the coral Pocillopora acuta	Tissue-associated and vertically transmitted bacterial symbiont in the coral Pocillopora acuta	Journal Article	Katarina Damjanovic, Hannah E Epstein, Madeleine J H van Oppen	Justin Maire, Sarah Jane Tsang Min Ching, Katarina Damjanovic, Hannah E Epstein, Louise M Judd, Linda L Blackall, Madeleine J H van Oppen	ISME Journal	18	Jan-24	2024	Yes	10.1093/ismejo/wrad027
24	To what extent can decommissioning options for marine artificial structures move us toward environmental targets?	To what extent can decommissioning options for marine artificial structures move us toward environmental targets?	Journal Article	Dianne McLean	Antony M Knights, Anaëlle J Lemasson, Louise B Firth, Nicola Beaumont, Silvana Birchenough, Jeremy Claisse, Joop W P Coolen, Andrea Copping, Michela De Dominicis, Steven Degraer, Michael Elliott, Paul G Fernandes, Ashley M Fowler, Matthew Frost, Lea-Anne Henry, Natalie Hicks, Kieran Hyder, Sylvia Jagerroos, Milton Love, Chris Lynam, Peter I Macreadie, Dianne McLean, Joseph Marlow, Ninon Mavraki, Paul A Montagna, David M Paterson, Martin R Perrow, Joanne Porter, Ann Scarborough Bull, Michaela Schratzberger, Brooke Shipley, Sean van Elden, Jan Vanaverbeke, Andrew Want, Stephen C L Watson, Thomas A Wilding, Paul J Somerfield	Journal of Environmental Management		Jan-24	2024	Yes	10.1016/j.jenvman.2023.119644
25	A large-scale experiment finds no consistent evidence of change in mortality or commercial productivity in silverlip pearl oysters (Pinctada maxima) exposed to a seismic source survey	A large-scale experiment finds no consistent evidence of change in mortality or commercial productivity in silverlip pearl oysters (Pinctada maxima) exposed to a seismic source survey	Journal Article	Miles J.G. Parsons, Diego R. Barneche, Conrad W. Speed, Rebecca Fisher	Miles J.G. Parsons, Diego R. Barneche, Conrad W. Speed, Robert D. McCauley, Ryan D. Day, Cecile Dang, Rebecca Fisher, Hosna Gholipour-Kanani, Stephen J. Newman, Jayson M. Semmens, Mark G. Meekan	Marine Pollution Bulletin	199	Feb-24	2024	Yes	10.1016/j.marpolbul.2023.115480
26	Building capacity for climate adaptation planning in protected area management: Options and challenges for World Heritage	Building capacity for climate adaptation planning in protected area management: Options and challenges for World Heritage	Journal Article	Bianca McNeair	Jess Melbourne-Thomas, Brenda B. Lin, Mandy Hopkins, Rosemary Hill, Michael Dunlop, Nicholas MacGregor, Samuel D. Merson, Caitlin Vertigan, Luke Donegan, Marian Sheppard, Jacqui Meyers, Linda Thomas, Lola Visschers, Bianca McNeair, Lance Syme, Chrissy Grant, Nicholas Pedrocchi, Patricia Oakley, Amy Stevens, Denis Rose, Tracy Ireland	Biological Conservation	290	Feb-24	2024	Yes	10.1016/j.bioco.2024.110459
27	Close-range underwater photogrammetry for coral reef ecology: a systematic literature review	Close-range underwater photogrammetry for coral reef ecology: a systematic literature review	Journal Article	Tiny Remmers, Sophie Gordon, Marine Lechene & Renata Ferrari	Tiny Remmers, Alana Grech, Chris Roelfsema, Sophie Gordon, Marine Lechene & Renata Ferrari	Coral Reefs	43	Feb-24	2024	No	10.1007/s00338-023-02445-w
28	Developing expert scientific consensus on the environmental and societal effects of marine artificial structures prior to decommissioning	Developing expert scientific consensus on the environmental and societal effects of marine artificial structures prior to decommissioning	Journal Article	Dianne McLean	Antony M. Knights, Anaëlle J. Lemasson, Louise B. Firth, Todd Bond, Jeremy Claisse, Joop W.P. Coolen, Andrea Copping, Jennifer Dannheim, Michela De Dominicis, Steven Degraer, Michael Elliott, Paul G. Fernandes, Ashley M. Fowler, Matt Frost, Lea-Anne Henry, Natalie Hicks, Kieran Hyder, Sylvia Jagerroos, Daniel O.B. Jones, Milton Love, Christopher P. Lynam, Peter I. Macreadie, Joseph Marlow, Ninon Mavraki, Dianne McLean, Paul A. Montagna, David M. Paterson, Martin Perrow, Joanne Porter, Debbie J.F. Russell, Ann Scarborough Bull, Michaela Schratzberger, Brooke Shipley, Sean van Elden, Jan Vanaverbeke, Andrew Want, Stephen C.L. Watson, Thomas A. Wilding, Paul Somerfield	Journal of Environmental Management	352	Feb-24	2024	Yes	10.1016/j.jenvman.2023.119897
29	High germline mutation rates, but not extreme population outbreaks, influence genetic diversity in a keystone coral predator	High germline mutation rates, but not extreme population outbreaks, influence genetic diversity in a keystone coral predator	Journal Article	Katarina Damjanovic, Frances Patel, Maria G. Cabrera, Sven Uthicke, Cynthia Riginos	Iva Popovic, Lucie A. Bergeron, Yves-Marie Bozec, Ann-Marie Waldvogel, Samantha M. Howitt, Katarina Damjanovic, Frances Patel, Maria G. Cabrera, Gert Wörheide, Sven Uthicke, Cynthia Riginos	PLoS Genetics	2024	Feb-24	2024	Yes	10.1371/journal.pgen.1011129
30	Limited susceptibility of Lobophora to browsing fishes on inshore reefs of the Great Barrier Reef	Limited susceptibility of Lobophora to browsing fishes on inshore reefs of the Great Barrier Reef	Journal Article	Michael J. Emslie	T. J. Pell, E. C. McClure, M. J. Emslie & A. S. Hoey	Coral Reefs	43	Feb-24	2024	No	10.1007/s00338-023-02444-x
31	Molecular responses of sponge larvae exposed to partially weathered condensate oil	Molecular responses of sponge larvae exposed to partially weathered condensate oil	Journal Article	Heidi M. Luter, Patrick Laffy, Florita Flores, Diane L. Brinkman, Rebecca Fisher, Andrew P. Negri	Heidi M. Luter, Patrick Laffy, Florita Flores, Diane L. Brinkman, Rebecca Fisher, Andrew P. Negri	Marine Pollution Bulletin	199	Feb-24	2024	Yes	10.1016/j.marpolbul.2023.115928

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32	New global area estimates for coral reefs from high-resolution mapping	New global area estimates for coral reefs from high-resolution mapping	Journal Article	Emma V. Kennedy	Mitchell B. Lyons, Nicholas J. Murray, Emma V. Kennedy, Eva M. Kovacs, Carolina Castro-Sanguino, Stuart R. Phinn, Rodney Borrego Acevedo, Alexandra Ordoñez Alvarez, Chantel Say, Paul Tudman, Kathryn Markey, Meredith Roe, Robert F. Canto, Helen E. Fox, Brianna Bambic, Zoë Lieb, Gregory P. Asner, Paulina M. Martin, David E. Knapp, Jiwei Li, Matthew Skone, Eldan Goldenberg, Kirk Larsen, Chris M. Roelfsema	Cell Reports Sustainability	1	Feb-24	2024	No	10.1016/j.crsus.2024.100015
33	Size matters: Microherbivores make a big impact in coral aquaculture	Size matters: Microherbivores make a big impact in coral aquaculture	Journal Article	Rachel C. Neil, Winona Dougan, Andrew Heyward, David G. Bourne, Craig Humphrey	Rachel C. Neil, Jonathan A. Barton, Winona Dougan, Symon Dworjanyn, Andrew Heyward, Benjamin Mos, David G. Bourne, Craig Humphrey	Aquaculture	581	Feb-24	2024	Yes	10.1016/j.aquaculture.2023.740402
34	A novel method for robust marine habitat mapping using a kernelised aquatic vegetation index	A novel method for robust marine habitat mapping using a kernelised aquatic vegetation index	Journal Article	Ben Radford	Stanley Mastrantonis, Ben Radford, Tim Langlois, Claude Spencer, Simon de Lestang, Sharyn Hickey	ISPRS Journal of Photogrammetry and Remote Sensing	209	Mar-24	2024	Yes	10.1016/j.isprsjprs.2024.02.015
35	Bayesian design with sampling windows for complex spatial processes	Bayesian design with sampling windows for complex spatial processes	Journal Article	James M McGree	Katie Buchhorn, Kerrie Mengersen, Edgar Santos-Fernandez, Erin E Peterson, James M McGree	Journal of the Royal Statistical Society. Series C: Applied Statistics	73	Mar-24	2024	Yes	10.1093/jrsssc/qlad099
36	Contribution of offshore platforms and surrounding habitats to fish production in the Bass Strait, south-east Australia	Contribution of offshore platforms and surrounding habitats to fish production in the Bass Strait, south-east Australia	Journal Article	Matthew Birt, Dianne L. McLean, Mark Case, Samantha Jaworski, Conrad W. Speed, Daniel Pygas	Matthew Birt, Dianne L. McLean, Mark Case, Samantha Jaworski, Conrad W. Speed, Daniel Pygas, Damon Driessen, Laura Fullwood, Euan Harvey, Brigit Vaughan, Peter I. Macreadie, Jeremy T. Claisse	Continental Shelf Research	274	Mar-24	2024	Yes	10.1016/j.csr.2024.105209
37	Genetic diversity, demography and connectivity in the marine snail Thaisella chocolata (Duclos, 1832): implications for sustainable fisheries management along the Peruvian coast	Genetic diversity, demography and connectivity in the marine snail Thaisella chocolata (Duclos, 1832): Implications for sustainable fisheries management along the Peruvian coast	Journal Article	Séverine Fourdrilis	Victoria Louis, Marc Kochzius, Juana Jiménez, Séverine Fourdrilis, Carmen Yamashiro, Quentin Jossart	Journal of Molluscan Studies	90	Mar-24	2024	No	10.1093/mollus/eyae003
38	Intra-colony spatial variance of oxyregulation and hypoxic thresholds for key Acropora coral species	Intra-colony spatial variance of oxyregulation and hypoxic thresholds for key Acropora coral species	Journal Article	David J. Hughes	Nicole J. Dileria, Stephen Woodcock, Emma F. Camp, David J. Hughes, Michael Kühl, David J. Suggett	Ecology and Evolution	14	Mar-24	2024	Yes	10.1002/ece3.11100
39	The limited role of herbivorous fishes and turf-based trophic pathways in the functioning of turbid coral reefs	The limited role of herbivorous fishes and turf-based trophic pathways in the functioning of turbid coral reefs	Journal Article	Shaun K. Wilson	Sterling B. Tebbett, David R. Bellwood, Tahlia Bassett, Michael V. W. Cuttler, Molly Moustaka, Shaun K. Wilson, Helen F. Yan & Richard D. Evans	Reviews in Fish Biology and Fisheries	34	Mar-24	2024	No	10.1007/s11160-023-09823-1
40	Transient dynamics mask the resilience of coral reefs	Transient dynamics mask the resilience of coral reefs	Journal Article	Juan C. Ortiz, Angus Thompson	Karlo Hock, Alan Hastings, Christopher Doropoulos, Russell C. Babcock, Juan C. Ortiz, Angus Thompson & Peter J. Mumby	Theoretical Ecology	17	Mar-24	2024	Yes	10.1007/s12080-023-00570-4
41	Underwater hyperspectral imaging technology has potential to differentiate and monitor scallop populations	Underwater hyperspectral imaging technology has potential to differentiate and monitor scallop populations	Journal Article	Jonathan Kok	Iman Tahmasbian, Matthew N. McMillan, Jonathan Kok & Anthony J. Courtney	Reviews in Fish Biology and Fisheries	34	Mar-24	2024	Yes	10.1007/s11160-023-09817-z
42	“We Don’t Need to Worry Because We Will Find Food Tomorrow”: Local Knowledge and Drivers of Mangroves as a Food System through a Gendered Lens in West Kalimantan, Indonesia	“We Don’t Need to Worry Because We Will Find Food Tomorrow”: Local Knowledge and Drivers of Mangroves as a Food System through a Gendered Lens in West Kalimantan, Indonesia	Journal Article	Benjamin M. Brown	Lucinda Middleton, Puji Astuti, Benjamin M. Brown, Julie Brimblecombe and Natasha Stacey	Sustainability (Switzerland)	16	Apr-24	2024	Yes	10.3390/su16083229
43	High response diversity and conspecific density-dependence, not species interactions, drive dynamics of coral reef fish communities	High response diversity and conspecific density-dependence, not species interactions, drive dynamics of coral reef fish communities	Journal Article	Alfonso Ruiz-Moreno, Michael J. Emslie	Alfonso Ruiz-Moreno, Michael J. Emslie, Sean R. Connolly	Ecology Letters	27	Apr-24	2024	Yes	10.1111/ele.14424
44	Protecting Great Barrier Reef resilience through effective management of crown-of-thorns starfish outbreaks	Protecting Great Barrier Reef resilience through effective management of crown-of-thorns starfish outbreaks	Journal Article	Michael J. Emslie, Peran Bray,	Samuel A. Matthews, David H. Williamson, Roger Beeden, Michael J. Emslie, Rickard T. M. Abom, Daniel Beard, Mary Bonin, Peran Bray, Adriana R. Campili, Daniela M. Ceccarelli, Leanne Fernandes, Cameron S. Fletcher, Dan Godoy, Christopher R. Hemingson, Michelle J. Jonker, Bethan J. Lang, Sheriden Morris, Enrique Mosquera, Gareth L. Phillips, Tane H. Sinclair-Taylor, Sascha Taylor, Dieter Tracey, Jennifer C. Wilmes, Richard Quincey	PLoS ONE	19	Apr-24	2024	Yes	10.1371/journal.pone.0298073
45	Remote hideaways: first insights into the population sizes, habitat use and residency of manta rays at aggregation areas in Seychelles	Remote hideaways: first insights into the population sizes, habitat use and residency of manta rays at aggregation areas in Seychelles	Journal Article	Lauren R. Peel	Lauren R. Peel, Mark G. Meekan, Ryan Daly, Clare A. Keating, Shaun P. Collin, Josep Nogués & Guy M. W. Stevens	Marine Biology	171	Apr-24	2024	Yes	10.1007/s00227-024-04405-6
46	A standard condition and threat indicator framework for benthic marine and estuarine condition assessment	A standard condition and threat indicator framework for benthic marine and estuarine condition assessment	Journal Article	Daniela Ceccarelli	Charles Cadier, Julieanne Blake, Mike Ronan, Maria Zann, Arnon Accad, Daniela Ceccarelli, Mary Chang, Guillermo Diaz-Pulido, Sabine Dittmann, Christopher Doropoulos, Caitlin Fleck, Paul Groves, Valerie Hagger, Catherine E. Lovelock, Taryn McPherson, Megan I. Saunders, Nathan J. Waltham, Maria Fernanda Adame	Ecological Indicators	162	May-24	2024	Yes	10.1016/j.ecolin.d.2024.111988
47	Adapting the Marine Stewardship Council risk-based framework to estimate impacts on seabirds, marine mammals, marine turtles and sea snakes	Adapting the Marine Stewardship Council risk-based framework to estimate impacts on seabirds, marine mammals, marine turtles and sea snakes	Journal Article	Vinay Udyawer	Stephanie D. Good, Kate Dewar, Polly Burns, Keith Sainsbury, Richard A. Phillips, Bryan P. Wallace, Caterina Fortuna, Vinay Udyawer, Bruce Robson, Edward F. Melvinj , Rohan J.C. Curre	Marine Policy	163	May-24	2024	Yes	10.1016/j.marpol.2024.106118

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48	Environmental predictors of forest structure, tree growth and wood production for Xylocarpus granatum in mixed-species mangrove forests	Environmental predictors of forest structure, tree growth and wood production for Xylocarpus granatum in mixed-species mangrove forests	Journal Article	Alistar I. Robertson, Irena Zagorskis, Murray Logan, Paul Dixon and Paul Daniel	Alistar I. Robertson, Irena Zagorskis, Murray Logan, Paul Dixon and Paul Daniel	Marine and Freshwater Research	75	May-24	2024	Yes	10.1071/MF23246
49	I still call Australia home: Satellite telemetry informs the protection of flatback turtles in Western Australian waters	I still call Australia home: Satellite telemetry informs the protection of flatback turtles in Western Australian waters	Journal Article	Luciana C. Ferreira, Michele Thums	Lauren R. Peel, Scott D. Whiting, Kellie Pendoley, Paul A. Whittock, Luciana C. Ferreira, Michele Thums, Andrea U. Whiting, Anton D. Tucker, Jason Rossendell, Glenn McFarlane, Sabrina Fossette	Ecosphere	15	May-24	2024	Yes	10.1002/ecs2.4847
50	Incorporating uncertainty in Indigenous sea Country monitoring with Bayesian statistics: Towards more informed decision-making	Incorporating uncertainty in Indigenous sea Country monitoring with Bayesian statistics: Towards more informed decision-making	Journal Article	Katherine Cure, Diego R. Barneche, Martial Depczynski, Rebecca Fisher, Elizabeth Evans-Illidge, Brendan Ford,	Katherine Cure, Diego R. Barneche, Martial Depczynski, Rebecca Fisher, David J. Warne, James McGree, Jim Underwood, Frank Weisenberger, Elizabeth Evans-Illidge, Brendan Ford, Daniel Oades, Azton Howard, Phillip McCarthy, Damon Pyke, Zac Edgar, Rodney Maher, Trevor Sampi, Kevin Dougal & Bardi Jawi Traditional Owners	Ambio	53	May-24	2024	Yes	10.1007/s13280-024-01980-2
51	Symbiodiniaceae diversity varies by host and environment across thermally distinct reefs	Symbiodiniaceae diversity varies by host and environment across thermally distinct reefs	Journal Article	Magena R. Marzonie, Matthew R. Nitschke, Line K. Bay, David G. Bourne, Hugo B. Harrison	Magena R. Marzonie, Matthew R. Nitschke, Line K. Bay, David G. Bourne, Hugo B. Harrison	Molecular Ecology	33	May-24	2024	Yes	10.1111/mec.17342
52	The fish–mangrove link is context dependent: Tidal regime and reef proximity determine the ecological role of tropical mangroves	The fish–mangrove link is context dependent: Tidal regime and reef proximity determine the ecological role of tropical mangroves	Journal Article	Camilla V. H. Piggott, Martial Depczynski, Katherine Cure	Michael Bradley, Alexia Dubuc, Camilla V. H. Piggott, Katie Sambrook, Andrew S. Hoey, Martial Depczynski, Tim J. Langlois, Monica Gagliano, Shaun K. Wilson, Katherine Cure, Thomas H. Holmes, Glenn I. Moore, Michael Travers, Ronald Baker, Ivan Nagelkerken, Marcus Sheaves	Fish and Fisheries	25	May-24	2024	Yes	10.1111/faf.12822
53	Changing dynamics of Great Barrier Reef hard coral cover in the Anthropocene	Changing dynamics of Great Barrier Reef hard coral cover in the Anthropocene	Journal Article	Michael J. Emslie, Daniela M. Ceccarelli, Murray Logan, Makeely I. Blandford, Peran Bray, Adriana Campili, Michelle J. Jonker, Joshua G. Parker, Tara Prenzlau & Tane H. Sinclair-Taylor	Michael J. Emslie, Daniela M. Ceccarelli, Murray Logan, Makeeely I. Blandford, Peran Bray, Adriana Campili, Michelle J. Jonker, Joshua G. Parker, Tara Prenzlau & Tane H. Sinclair-Taylor	Coral Reefs	43	Jun-24	2024	No	10.1007/s00338-024-02498-5
54	Cumulative risk of future bleaching for the world's coral reefs	Cumulative risk of future bleaching for the world's coral reefs	Journal Article	Neal Cantin, Eduardo Klein-Salas	Camille Mellin, Stuart Brown, Neal Cantin, Eduardo Klein-Salas, David Mouillot, Scott F. Heron, and Damien A. Fordham	Science Advances	10	Jun-24	2024	Yes	10.1126/sciadv.adn9660
55	Directed conservation of the world's reef sharks and rays	Directed conservation of the world’s reef sharks and rays	Journal Article	Michelle R. Heupel, Shaun Wilson, Conrad W. Speed, Leanne M. Currey-Randall, Rebecca Fisher, Vinay Udyawer, Dianne McLean,	Jordan S. Goetze, Michael R. Heithaus, M. Aaron MacNeil, Euan Harvey, Colin A. Simpfendorfer, Michelle R. Heupel, Mark Meekan, Shaun Wilson, Mark E. Bond, Conrad W. Speed, Leanne M. Currey-Randall, Rebecca Fisher, C. Samantha Sherman, Jeremy J. Kiszka, Matthew J. Rees, Vinay Udyawer, Kathryn I. Flowers, Gina M. Clementi, Jacob Asher, Océane Beaufort, Anthony T. F. Bernard, Michael L. Berumen, Stacy L. Bierwagen, Tracey Boslogo, Edward J. Brooks, J. Jed Brown, Dayne Buddo, Camila Cáceres, Sara Casareto, Venkatesh Charloo, Joshua E. Cinner, Eric E. G. Clua, Jesse E. M. Cochran, Neil Cook, Brooke M. D'Alberto, Martin de Graaf, Mareike C. Dornhege-Lazaroff, Lanya Fanovich, Naomi F. Farabaugh, Daniel Fernando, Carlos Eduardo Leite Ferreira, Candace Y. A. Fields, Anna L. Flam, Camilla Floros, Virginia Fourqurean, Laura García Barcia, Ricardo Garla, Kirk Gastrich, Lachlan George, Rory Graham, Valerie Hagan, Royale S. Hardenstine, Stephen M. Heck, Patricia Heithaus, Aaron C. Henderson, Heidi Hertler, Robert E. Hueter, Mohini Johnson, Stacy D. Jupiter, Muslimin Kaimuddin, Devanshi Kasana, Megan Kelley, Steven T. Kessel, Benedict Kiilu, Fabian Kyne, Tim Langlois, Jaedon Lawe, Elodie J. I. Lédée, Steve Lindfield, Jade Q. Maggs, B. Mabel Manjaji-Matsumoto, Andrea Marshall, Philip Matich, Erin McCombs, Dianne McLean, Llewelyn Meggs, Stephen Moore, Sushmita Mukherji, Ryan Murray, Stephen J. Newman, Owen R. O'Shea, Kennedy E. Osuka, Yannis P. Papastamatiou, Nishan Perera, Bradley J. Peterson, Fabián Pina-Amargós, Alessandro Ponzio, Andhika Prasetyo, L. M. Sjamsul Quamar, Jessica R. Quinlan, Christelle F. Razafindrakoto, Fernanda A. Rolim, Alexei Ruiz-Abierno, Hector Ruiz, Melita A. Samoilys, Enric Sala, William R. Sample,	Nature Ecology and Evolution	8	Jun-24	2024	No	10.1038/s41559-024-02386-9
56	Dissecting coral recovery: bleaching reduces reproductive output in Acropora millepora	Dissecting coral recovery: bleaching reduces reproductive output in Acropora millepora	Journal Article	Nico D. Briggs, Cathie A. Page, Christine Giuliano, Line K. Bay & Carly J. Randall	Nico D. Briggs, Cathie A. Page, Christine Giuliano, Cinzia Alessi, Mia Hoogenboom, Line K. Bay & Carly J. Randall	Coral Reefs	43	Jun-24	2024	Yes	10.1007/s00338-024-02483-y
57	DNA metabarcoding as a tool for characterising the spatio-temporal distribution of planktonic larvae in the phylum Echinodermata	DNA metabarcoding as a tool for characterising the spatio-temporal distribution of planktonic larvae in the phylum Echinodermata	Journal Article	Cynthia Riginos, Sven Uthicke	Ilha Byrne, Cynthia Riginos, Sven Uthicke, Dean Brookes & Iva Popovic	Coral Reefs	43	Jun-24	2024	Yes	10.1007/s00338-024-02496-7
58	Environmental DNA metabarcoding for the detection of the silverlip pearl oyster (Pinctada maxima) offshore of Eighty Mile Beach in northwest Australia	Environmental DNA metabarcoding for the detection of the silverlip pearl oyster (Pinctada maxima) offshore of Eighty Mile Beach in northwest Australia	Journal Article	Laurence Dugal, Luke Thomas, Karen Miller	Laurence Dugal, Luke Thomas, Tina E. Berry, Tiffany Simpson, Karen Miller	Estuarine, Coastal and Shelf Science	301	Jun-24	2024	Yes	10.1016/j.ecss.2024.108722

AIMS Publications for Jan - June 2024 (six month period) - Journal Articles

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
59	High rates of erosion on a wave-exposed fringing coral reef	High rates of erosion on a wave-exposed fringing coral reef	Journal Article	Shaun K. Wilson	Damian P. Thomson, Shannon Dee, Christopher Doropoulos, Melanie Orr, Shaun K. Wilson, Andrew S. Hoey	Limnology and Oceanography	69	Jun-24	2024	Yes	10.1002/lno.12586
60	Low light intensity increased survival of coral spat in aquaculture	Low light intensity increased survival of coral spat in aquaculture	Journal Article	Blake D. Ramsby, F. Emonnot, Florita Flores, Muhammad A. Abdul Wahab, Andrea Severati, Andrew P. Negri	B. D. Ramsby, F. Emonnot, F. Flores, S. Schipper, G. Diaz-Pulido, M. A. Abdul Wahab, A. Severati & A. P. Negri	Coral Reefs	43	Jun-24	2024	Yes	10.1007/s00338-024-02489-6
61	Marine heatwaves affect breeding, diet and population size but not body condition of a range-edge little penguin colony	Marine heatwaves affect breeding, diet and population size but not body condition of a range-edge little penguin colony	Journal Article	Ben Radford	B. L. Cannell, W. L. Kendall, J. A. Tyne, M. Bunce, Y. Hetzel, D. Murray, B. Radford	Marine Ecology Progress Series	737	Jun-24	2024	No	10.3354/meps14425
62	Red-on-Yellow Queen: Bio-Layer Interferometry Reveals Functional Diversity Within Micrurus Venoms and Toxin Resistance in Prey Species	Red-on-Yellow Queen: Bio-Layer Interferometry Reveals Functional Diversity Within Micrurus Venoms and Toxin Resistance in Prey Species	Journal Article	Richard J. Harris	Daniel Dashevsky, Richard J. Harris, Christina N. Zdenek, Melisa Benard-Valle, Alejandro Alagón, José A. Portes-Junior, Anita M. Tanaka-Azevedo, Kathleen F. Grego, Sávio S. Sant’Anna, Nathaniel Frank & Bryan G. Fry	Journal of Molecular Evolution	92	Jun-24	2024	Yes	10.1007/s00239-024-10176-x
63	The influence of Sargassum biomass and thallus density on the recruitment of coral reef fishes	The influence of Sargassum biomass and thallus density on the recruitment of coral reef fishes	Journal Article	Katharina Fabricius, Shaun K. Wilson	Kelsey Webber, Katharina Fabricius, Shaun K. Wilson & Andrew S. Hoey	Coral Reefs	43	Jun-24	2024	Yes	10.1007/s00338-024-02494-9

AIMS Publications for Jan - June 2024 (six month period): Reviews

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	Full article: A review of the potential effects of recreational wind-powered craft on coastal habitats and wildlife	A review of the potential effects of recreational wind-powered craft on coastal habitats and wildlife	Review	R.M. Brooker,	R.M. Brooker, P.E. Carnell, J.B. Pocklington, M.J. Antos & M.A. Weston	Journal of Environmental Planning and Management	67	Jan-24	2024	Yes	10.1080/09640568.2023.2228475
2	The crown-of-thorns seastar species complex: knowledge on the biology and ecology of five corallivorous Acanthaster species	The crown-of-thorns seastar species complex: knowledge on the biology and ecology of five corallivorous Acanthaster species	Review	Sven Uthicke,	Sven Uthicke, Morgan S. Pratchett, Omri Bronstein, Juan José Alvarado & Gert Wörheide	Marine Biology	171	Jan-24	2024	Yes	10.1007/s00227-023-04355-5
3	The impacts of climate change on coastal groundwater	The impacts of climate change on coastal groundwater	Review	K. L. Davis	C. M. Richardson, K. L. Davis, C. Ruiz-González, J. A. Guimond, H. A. Michael, A. Paldor, N. Moosdorf & A. Paytan	Nature Reviews Earth and Environment	5	Feb-24	2024	No	10.1038/s43017-023-00500-2
4	Horizon scanning the application of probiotics for wildlife	Horizon scanning the application of probiotics for wildlife	Review	David G. Bourne, Lone Hoj, Madeleine J.H. van Oppen	Neus Garcias-Bonet, Anna Roik, Braden Tierney, Francisca C. García, Helena D.M. Villela, Ashley M. Dungan, Kate M. Quigley, Michael Sweet, Gabriele Berg, Lone Gram, David G. Bourne, Blake Ushijima, Maggie Sogin, Lone Hoj, Gustavo Duarte, Heribert Hirt, Kornelia Smalla, Alexandre S. Rosado, Susana Carvalho, Rebecca Vega Thurber, Maren Ziegler, Christopher E. Mason, Madeleine J.H. van Oppen, Christian R. Voolstra, Raquel S. Peixoto	Trends in Microbiology	32	Mar-24	2024	Yes	10.1016/j.tim.2023.08.012
5	Marine amphipods as integral members of global ocean ecosystems	Marine amphipods as integral members of global ocean ecosystems	Review	David G. Bourne	Carmen J. Ritter, David G. Bourne	Journal of Experimental Marine Biology and Ecology	572	Mar-24	2024	Yes	10.1016/j.jembe.2023.151985
6	Finding genes and pathways that underlie coral adaptation	Finding genes and pathways that underlie coral adaptation	Review	Line Bay	Selmoni, O. Bay, L.K. Exposito-Alonso, M. Cleves, P.A.	Trends in Genetics	40	Mar-24	2024	No	10.1016/j.tig.2024.01.003
7	A review of the life history and ecology of euryhaline and estuarine sharks and rays	A review of the life history and ecology of euryhaline and estuarine sharks and rays	Review	Vinay Udyawer	Julia M. Constance, Erica A. Garcia, Richard D. Pillans, Vinay Udyawer & Peter M. Kyne	Reviews in Fish Biology and Fisheries	34	Mar-24	2024	Yes	10.1007/s11160-023-09807-1
8	Priorities for improving predictions of vessel-mediated marine invasions	Priorities for improving predictions of vessel-mediated marine invasions	Review	Eric A. TremI	Kyle Hilliam, O. Floerl, E.A. TremI	Science of the Total Environment	921	Apr-24	2024	No	10.1016/j.scitotenv.2024.171162
9	Strengthening resilience potential assessments for coral reef management	Strengthening resilience potential assessments for coral reef management	Review	Eric A. TremI	Mishal Gudka, David Obura, Eric A. TremI, Emily Nicholson	Methods in Ecology and Evolution	15	Apr-24	2024	Yes	10.1111/2041-210X.14303
10	Identifying coral reef restoration objectives: A framework	Identifying coral reef restoration objectives: A framework	Review	Ken Anthony, Rachel J. Pears	Sean Pascoe, Ken Anthony, Gabriela Scheufele, Rachel J. Pears	Ocean and Coastal Management	251	May-24	2024	Yes	10.1016/j.ocecoaman.2024.107081
11	A review on the interactions between engineering and marine life: key information for engineering professionals	A review on the interactions between engineering and marine life: key information for engineering professionals	Review	Scott Bainbridge	Tamsin Dobson, Valeri Lenchine & Scott Bainbridge	Journal of Ocean Engineering and Marine Energy	2024	May-24	2024	Yes	10.1007/s40722-024-00322-4
12	The piscine arsenal: an updated review of venomous fishes	The piscine arsenal: an updated review of venomous fishes	Review	Richard J. Harris	Richard J. Harris	Reviews in Fish Biology and Fisheries	34	Jun-24	2024	No	10.1007/s11160-023-09828-w

AIMS Publications for Jan - June 2024 (six month period): Short Surveys

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	Microbes guide corals looking to find a home	Microbes guide corals looking to find a home	Short Survey	David G. Bourne	David G. Bourne, Yui Sato, Hillary A. Smith	Trends in Microbiology	32	Feb-24	2024	No	10.1016/j.tim.2023.11.017

AIMS Publications for Jan - June 2024 (six month period): Data Papers

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	ESSD - A global database of dissolved organic matter (DOM) concentration measurements in coastal waters (CoastDOM v1)	A global database of dissolved organic matter (DOM) concentration measurements in coastal waters (CoastDOM v1)	Data Paper	Renee Gruber	Christian Lønborg, Cátia Carreira, Gwenaelle Abril, Susana Agustí, Valentina Amaral, Agneta Andersson, Javier Aristegui, Punyasloke Bhadury, Mariana B. Bif, Alberto V. Borges, Steven Bouillon, Maria LL. Calleja, Luiz C. Cotovicz Jr., Stefano Cozzi, Marytó Doval, Carlos M. Duarte, Bradley Eyre, Cédric G. Fichot, E. Elena García-Martín, Alexandra Garzon-García, Michele Giani, Rafael Gonçalves-Araujo, Renee Gruber, Dennis A. Hansell, Fuminori Hashihama, Ding He, Johnna M. Holding, William R. Hunter, J. Severino P. Ibáñez, Valeria Ibello, Shan Jiang, Guebuem Kim, Katja Klun, Piotr Kowalczyk, Atsushi Kubo, Choon-Weng Lee, Cláudia B. Lopes, Federica Maggioni, Paolo Magni, Celia Marrase, Patrick Martin, S. Leigh McCallister, Roisin McCallum, Patricia M. Medeiros, Xosé Anxelu G. Morán, Frank E. Muller-Karger, Allison Myers-Pigg, Marit Norli, Joanne M. Oakes, Helena Osterholz, Hyekyung Park, Maria Lund Paulsen, Judith A. Rosentreter, Jeff D. Ross, Digna Rueda-Roa, Chiara Santinelli, Yuan Shen, Eva Teira, Tinkara Tinta, Guenther Uher, Masahide Wakita, Nicholas Ward, Kenta Watanabe, Yu Xin, Youhei Yamashita, Liyang Yang, Jacob Yeo, Huamao Yuan, Qiang Zheng, and Xosé Antón Álvarez-Salgado	Earth System Science Data	16	Feb-24	2024	Yes	10.5194/essd-16-1107-2024