

Dr. Dianne McLean
Oceans Institute
Type of address: Postal address.
The University of Western Australia (M470), 35 Stirling Highway,
6009
Perth
Western Australia
Australia
Email: dianne.mclean@uwa.edu.au
Phone: 64883597

Employment

Adjunct Research Fellow

Oceans Institute
The University of Western Australia
12 Nov 2018 → present

Research output

Contribution of offshore platforms and surrounding habitats to fish production in the Bass Strait, south-east Australia

Birt, M., McLean, D. L., Case, M., Jaworski, S., Speed, C. W., Pygas, D., Driessen, D., Fullwood, L., Harvey, E., Vaughan, B., Macreadie, P. I. & Claisse, J. T., Mar 2024, In: Continental Shelf Research. 274, 23 p., 105209.

Developing expert scientific consensus on the environmental and societal effects of marine artificial structures prior to decommissioning

Knights, A. M., Lemasson, A. J., Firth, L. B., Bond, T., Claisse, J., Coolen, J. W. P., Copping, A., Dannheim, J., De Dominicis, M., Degraer, S., Elliott, M., Fernandes, P. G., Fowler, A. M., Frost, M., Henry, L. A., Hicks, N., Hyder, K., Jagerroos, S., Jones, D. O. B., Love, M., & 19 othersLynam, C. P., Macreadie, P. I., Marlow, J., Mavraki, N., McLean, D., Montagna, P. A., Paterson, D. M., Perrow, M., Porter, J., Russell, D. J. F., Bull, A. S., Schratzberger, M., Shipley, B., van Elden, S., Vanaverbeke, J., Want, A., Watson, S. C. L., Wilding, T. A. & Somerfield, P., Feb 2024, In: Journal of Environmental Management. 352, 119897.

To what extent can decommissioning options for marine artificial structures move us toward environmental targets?

Knights, A. M., Lemasson, A. J., Firth, L. B., Beaumont, N., Birchenough, S., Claisse, J., Coolen, J. W. P., Copping, A., De Dominicis, M., Degraer, S., Elliott, M., Fernandes, P. G., Fowler, A. M., Frost, M., Henry, L. A., Hicks, N., Hyder, K., Jagerroos, S., Love, M., Lynam, C., & 17 othersMacreadie, P. I., McLean, D., Marlow, J., Mavraki, N., Montagna, P. A., Paterson, D. M., Perrow, M. R., Porter, J., Bull, A. S., Schratzberger, M., Shipley, B., van Elden, S., Vanaverbeke, J., Want, A., Watson, S. C. L., Wilding, T. A. & Somerfield, P. J., 15 Jan 2024, In: Journal of Environmental Management. 350, 8 p., 119644.

Offshore decommissioning horizon scan: Research priorities to support decision-making activities for oil and gas infrastructure

Watson, S. M., McLean, D. L., Balcom, B. J., Birchenough, S. N. R., Brand, A. M., Camprasse, E. C. M., Claisse, J. T., Coolen, J. W. P., Cresswell, T., Fokkema, B., Gourvenec, S., Henry, L. A., Hewitt, C. L., Love, M. S., MacIntosh, A. E., Marnane, M., McKinley, E., Micallef, S., Morgan, D., Nicolette, J., & 8 othersOunanian, K., Patterson, J., Seath, K., Selman, A. G. L., Suthers, I. M., Todd, V. L. G., Tung, A. & Macreadie, P. I., 20 Jun 2023, In: Science of the Total Environment. 878, 163015.

Widespread diversity deficits of coral reef sharks and rays

Simpfendorfer, C. A., Heithaus, M. R., Heupel, M. R., MacNeil, M. A., Meekan, M., Harvey, E., Sherman, C. S., Currey-Randall, L. M., Goetze, J. S., Kiszka, J. J., Rees, M. J., Speed, C. W., Udyawer, V., Bond, M. E., Flowers, K. I., Clementi, G. M., Valentin-Albanese, J., Adam, M. S., Ali, K., Asher, J., & 133 othersAylagas, E., Beaufort, O., Benjamin, C., Bernard, A. T. F., Berumen, M. L., Bierwagen, S., Birrell, C., Bonnema, E., Bown, R. M. K., Brooks, E. J., Brown, J. J., Buddo, D., Burke, P. J., Cáceres, C., Cambra, M., Cardeñosa, D., Carrier, J. C., Casareto, S., Caselle, J. E., Charloo, V., Cinner, J. E., Claverie, T., Clua, E. E. G., Cochran, J. E. M., Cook, N., Cramp, J. E., D'Alberto, B. M., de Graaf, M., Dornhege, M. C., Espinoza, M., Estep, A., Fanovich, L., Farabaugh, N. F., Fernando, D., Ferreira, C. E. L., Fields, C. Y. A., Flam, A. L., Floros, C., Fourqurean, V., Gajdzik, L., Barcia, L. G., Garla, R., Gastrich, K., George, L., Giarrizzo, T., Graham, R., Guttridge, T. L., Hagan, V., Hardenstine, R. S., Heck, S. M., Henderson, A. C., Heithaus, P., Hertler, H., Padilla, M. H., Hueter, R. E., Jabado, R. W., Joyeux, J-C., Jaiteh, V., Johnson, M., Jupiter, S. D., Kaimuddin, M., Kasana, D., Kelley, M., Kessel, S. T., Kiilu, B., Kirata, T., Kuguru, B., Kyne, F., Langlois, T., Lara, F., Lawe, J., Lédée, E. J. I.,

Lindfield, S., Luna-Acosta, A., Maggs, J. Q., Manjaji-Matsumoto, B. M., Marshall, A., Martin, L., Mateos-Molina, D., Matich, P., McCombs, E., McIvor, A., McLean, D., Meggs, L., Moore, S., Mukherji, S., Murray, R., Newman, S. J., Nogués, J., Obota, C., Ochavillo, D., O'Shea, O., Osuka, K. E., Papastamatiou, Y. P., Perera, N., Peterson, B., Pimentel, C. R., Pina-Amargós, F., Pinheiro, H. T., Ponzo, A., Prasetyo, A., Quamar, L. M. S., Quinlan, J. R., Reis-Filho, J. A., Ruiz, H., Ruiz-Abierno, A., Sala, E., de-León, P. S., Samoilys, M. A., Sample, W. R., Schäfer-Umpierre, M., Schlaff, A. M., Schmid, K., Schoen, S. N., Simpson, N., Smith, A. N. H., Spaet, J. L. Y., Sparks, L., Stoffers, T., Tanna, A., Torres, R., Travers, M. J., van Zinnicq Bergmann, M., Vigliola, L., Ward, J., Warren, J. D., Watts, A. M., Wen, C. K., Whitman, E. R., Wirsing, A. J., Wothke, A., Zarza-González, E. & Chapman, D. D., 16 Jun 2023, In: *Science*. 380, 6650, p. 1155–1160 6 p.

Industry remotely operated vehicle imagery for assessing marine communities associated with subsea oil and gas infrastructure on the continental shelf of South-East Australia

Ierodiaconou, D., McLean, D., Birt, M. J., Bond, T., Wines, S., Glade-Wright, O., Morris, J., Higgs, D. & Whitmarsh, S. K., 2023, In: *Frontiers in Marine Science*. 10, 1095906.

Drivers of variation in occurrence, abundance, and behaviour of sharks on coral reefs

Lester, E., Langlois, T., Lindgren, I., Birt, M., Bond, T., McLean, D., Vaughan, B., Holmes, T. H. & Meekan, M., Dec 2022, In: *Scientific Reports*. 12, 1, 728.

Marine life and fisheries around offshore oil and gas structures in southeastern Australia and possible consequences for decommissioning

Sih, T. L., Cure, K., Yilmaz, I. N., McLean, D. & Macreadie, P. I., 21 Nov 2022, In: *Frontiers in Marine Science*. 9, 979212.

Regional patterns in demersal fish assemblages among subsea pipelines and natural habitats across north-west Australia

Galaiduk, R., Radford, B., Case, M., Bond, T., Taylor, M., Cooper, T., Smith, L. & McLean, D., 28 Oct 2022, In: *Frontiers in Marine Science*. 9, 20 p., 979987.

Habitat value of subsea wells and pipelines for fishery target species in Australia

McLean, D., Speed, C. W., Birt, M. J., Colquhoun, J., Case, M., Stowar, M., Bond, T., Ierodiaconou, D., Whitmarsh, S. K., Taylor, M. D., Wines, S., Booth, D. J., Fowler, A. M. & Vaughan, B. I., 26 Aug 2022, In: *Frontiers in Marine Science*. 9, 23 p., 960496.

Trophic Structure and Diet of Predatory Teleost Fishes in a Tropical Demersal Shelf Ecosystem

Speed, C. W., Meekan, M. G., Birt, M. J., Parsons, M. J. G., McLean, D., Taylor, B. M., Thomas, L., McCauley, R., Semmens, J. M. & Newman, S. J., 30 Jun 2022, In: *Frontiers in Marine Science*. 9, 871611.

Baited remote underwater video sample less site attached fish species along a subsea pipeline compared to a remotely operated vehicle

Bond, T., McLean, D., Prince, J., Taylor, M. & Partridge, J., Jun 2022, In: *Marine and Freshwater Research*. 73, 7, p. 915-930 16 p.

Baited video, but not diver video, detects a greater contrast in the abundance of two legal-size target species between no-take and fished zones

Haberstroh, A. J., McLean, D., Holmes, T. H. & Langlois, T., Jun 2022, In: *Marine Biology*. 169, 6, 79.

Influence of offshore oil and gas structures on seascape ecological connectivity

McLean, D., Cerqueira Ferreira, L., Benthuisen, J. A., Miller, K. J., Schläppy, M-L., Ajemian, M. J., Berry, O., Birchenough, S. N. R., Bond, T., Boschetti, F., Bull, A. S., Claisse, J. T., Condie, S. A., Consol, P., Coolen, J. W. P., Elliott, M., Fortune, I. S., Fowler, A. M., Gillanders, B. M., Harrison, H. B., & 26 othersHart, K. M., Henry, L-A., Hewitt, C. L., Hicks, N., Hock, K., Hyder, K., Love, M., Macreadie, P. I., Miller, R. J., Montevecchi, W. A., Nishimoto, M. M., Page, H. M., Paterson, D. M., Pattiaratchi, C., Pecl, G. T., Porter, J., Reeves, D. B., Riginos, C., Rouse, S., Russell, D. J. F., Sherman, C. D. H., Teilmann, J., Todd, V. L. G., Trembl, E. A., Williamson, D. H. & Thums, M., Jun 2022, In: *Global Change Biology*. 28, 11, p. 3515-3536 22 p.

Effects of human footprint and biophysical factors on the body-size structure of fished marine species

Bosch, N. E., Monk, J., Goetze, J., Wilson, S., Babcock, R. C., Barrett, N., Clough, J., Currey-Randall, L. M., Fairclough, D. V., Fisher, R., Gibbons, B. A., Harasti, D., Harvey, E. S., Heupel, M. R., Hicks, J. L., Holmes, T. H., Huveneers, C., Ierodiaconou, D., Jordan, A., Knott, N. A., & 12 othersMalcolm, H. A., McLean, D., Meekan, M., Newman, S. J., Radford, B., Rees, M. J., Saunders, B. J., Speed, C. W., Travers, M. J., Wakefield, C. B., Wernberg, T. & Langlois, T. J., Apr 2022,

Quantifying fishing activity targeting subsea pipelines by commercial trap fishers

Bond, T., McLean, D. L., Wakefield, C. B., Partridge, J. C., Prince, J., White, D., Boddington, D. K. & Newman, S. J., Dec 2021, In: Reviews in Fish Biology and Fisheries. 31, 4, p. 1009-1023 15 p.

Shark depredation in a commercial trolling fishery in sub-tropical Australia

Carmody, H., Langlois, T., Mitchell, J., Navarro, M., Bosch, N., McLean, D., Monk, J., Lewis, P. & Jackson, G., 14 Oct 2021, In: Marine Ecology Progress Series. 676, p. 19-35 17 p.

Acoustic telemetry around Western Australia's oil and gas infrastructure helps detect the presence of an elusive and endangered migratory giant

Thomson, P. G., Pillans, R., Jaime, F. R. A., Harcourt, R. G., Taylor, M. D., Pattiaratchi, C. B. & McLean, D. L., 5 Aug 2021, In: Frontiers in Marine Science. 8, 9 p., 631449.

Enhancing the Understanding of the Value Provided to Fisheries by Man-Made Aquatic Structures

Harvey, E., Ackermann, F., Burton, M., Clifton, J., Elrick-Barr, C., Zimmerhackel, J., Hill, G., Newman, S. J., Shaw, J., Pagano, M., McLeod, P., McLean, D. & Partridge, J., 1 Aug 2021, Australia: Fisheries Research and Development Corporation.

Increased connectivity and depth improve the effectiveness of marine reserves

Goetze, J. S., Wilson, S., Radford, B., Fisher, R., Langlois, T. J., Monk, J., Knott, N. A., Malcolm, H., Currey-Randall, L. M., Ierodionou, D., Harasti, D., Barrett, N., Babcock, R. C., Bosch, N. E., Brock, D., Claudet, J., Clough, J., Fairclough, D. V., Heupel, M. R., Holmes, T. H., & 15 othersHuveneers, C., Jordan, A. R., McLean, D., Meekan, M., Miller, D., Newman, S. J., Rees, M. J., Roberts, K. E., Saunders, B. J., Speed, C. W., Travers, M. J., Trembl, E., Whitmarsh, S. K., Wakefield, C. B. & Harvey, E. S., Aug 2021, In: Global Change Biology. 27, 15, p. 3432-3447 16 p.

Characterizing the second wave of fish and invertebrate colonization of an offshore petroleum platform

Todd, V. L. G., Susini, I., Williamson, L. D., Todd, I. B., Mclean, D. L. & Macreadie, P. I., Jul 2021, In: ICES Journal of Marine Science. 78, 3, p. 1131-1145 15 p.

Optimal deployment durations for baited underwater video systems sampling temperate, subtropical and tropical reef fish assemblages

Birt, M. J., Langlois, T. J., McLean, D. & Harvey, E. S., May 2021, In: Journal of Experimental Marine Biology and Ecology. 538, 151530.

The BRUVs workshop – An Australia-wide synthesis of baited remote underwater video data to answer broad-scale ecological questions about fish, sharks and rays

Harvey, E. S., McLean, D. L., Goetze, J. S., Saunders, B. J., Langlois, T. J., Monk, J., Barrett, N., Wilson, S. K., Holmes, T. H., Ierodionou, D., Jordan, A. R., Meekan, M. G., Malcolm, H. A., Heupel, M. R., Harasti, D., Huveneers, C., Knott, N. A., Fairclough, D. V., Currey-Randall, L. M., Travers, M. J., & 6 othersRadford, B. T., Rees, M. J., Speed, C. W., Wakefield, C. B., Cappel, M. & Newman, S. J., May 2021, In: Marine Policy. 127, 104430.

A comparison of marine communities along a subsea pipeline with those in surrounding seabed areas

McLean, D., Cure, K., Abdul Wahab, M. A., Galaiduk, R., Birt, M., Vaughan, B., Colquhoun, J., Case, M., Radford, B., Stowar, M., Harries, S., Heyward, A. & Miller, K., 15 Apr 2021, In: Continental Shelf Research. 219, 104394.

A field and video annotation guide for baited remote underwater stereo-video surveys of demersal fish assemblages

Langlois, T., Goetze, J., Bond, T., Monk, J., Abesamis, R. A., Asher, J., Barrett, N., Bernard, A. T. F., Bouchet, P. J., Birt, M. J., Cappel, M., Currey-Randall, L. M., Driessen, D., Fairclough, D. V., Fullwood, L. A. F., Gibbons, B. A., Harasti, D., Heupel, M. R., Hicks, J., Holmes, T. H., & 21 othersHuveneers, C., Ierodionou, D., Jordan, A., Knott, N. A., Lindfield, S., Malcolm, H. A., McLean, D., Meekan, M., Miller, D., Mitchell, P. J., Newman, S. J., Radford, B., Rolim, F. A., Saunders, B. J., Stowar, M., Smith, A. N. H., Travers, M. J., Wakefield, C. B., Whitmarsh, S. K., Williams, J. & Harvey, E. S., 1 Nov 2020, In: Methods in Ecology and Evolution. 11, 11, p. 1401-1409 9 p.

Mystery pufferfish create elaborate circular nests at mesophotic depths in Australia

Bond, T., Mueller, R. J., Birt, M. J., Prince, J., Miller, K., Partridge, J. C. & McLean, D. L., Nov 2020, In: Journal of Fish Biology. 97, 5, p. 1401-1407 7 p.

A novel experimental approach to investigate the potential for behavioural change in sharks in the context of depredation

Mitchell, J. D., Schifiliti, M., Birt, M. J., Bond, T., McLean, D. L., Barnes, P. B. & Langlois, T. J., 1 Sept 2020, In: Journal of Experimental Marine Biology and Ecology. 530-531, 151440.

An assessment of change to fish and benthic communities following installation of an artificial reef

Hammond, M., Bond, T., Prince, J., Hovey, R. K. & McLean, D. L., Sept 2020, In: Regional Studies in Marine Science. 39, 101408.

Global status and conservation potential of reef sharks

MacNeil, M. A., Chapman, D. D., Heupel, M., Simpfendorfer, C. A., Heithaus, M., Meekan, M., Harvey, E., Goetze, J., Kiszka, J., Bond, M. E., Currey-Randall, L. M., Speed, C. W., Sherman, C. S., Rees, M. J., Udyawer, V., Flowers, K. I., Clementi, G., Valentin-Albanese, J., Gorham, T., Adam, M. S., & 103 others Ali, K., Pina-Amargós, F., Angulo-Valdés, J. A., Asher, J., Barcia, L. G., Beaufort, O., Benjamin, C., Bernard, A. T. F., Berumen, M. L., Bierwagen, S., Bonnema, E., Bown, R. M. K., Bradley, D., Brooks, E., Brown, J. J., Buddo, D., Burke, P., Cáceres, C., Cardeñosa, D., Carrier, J. C., Caselle, J. E., Charloo, V., Claverie, T., Clua, E., Cochran, J. E. M., Cook, N., Cramp, J., D'Alberto, B., de Graaf, M., Dornhege, M., Estep, A., Fanovich, L., Farabough, N. F., Fernando, D., Flam, A. L., Floros, C., Fourqurean, V., Garla, R., Gastrich, K., George, L., Graham, R., Guttridge, T., Hardenstine, R. S., Heck, S., Henderson, A. C., Hertler, H., Hueter, R., Johnson, M., Jupiter, S., Kasana, D., Kessel, S. T., Kiilu, B., Kirata, T., Kuguru, B., Kyne, F., Langlois, T., Lédée, E. J. I., Lindfield, S., Luna-Acosta, A., Maggs, J., Manjaji-Matsumoto, B. M., Marshall, A., Matich, P., McCombs, E., McLean, D., Meggs, L., Moore, S., Mukherji, S., Murray, R., Kaimuddin, M., Newman, S. J., Nogués, J., Obota, C., O'Shea, O., Osuka, K., Papastamatiou, Y. P., Perera, N., Peterson, B., Ponzo, A., Prasetyo, A., Quamar, L. M. S., Quinlan, J., Ruiz-Abierno, A., Sala, E., Samoilys, M., Schärer-Umpierre, M., Schlaff, A., Simpson, N., Smith, A. N. H., Sparks, L., Tanna, A., Torres, R., Travers, M. J., van Zinnicq Bergmann, M., Vigliola, L., Ward, J., Watts, A. M., Wen, C., Whitman, E., Wirsing, A. J., Wothke, A., Zarza-González, E. & Cinner, J. E., 30 Jul 2020, In: Nature. 583, 7818, p. 801-806 6 p.

Environmental and Anthropogenic Factors Affect Fish Abundance: Relationships Revealed by Automated Cameras Deployed by Fishers

Brooker, M. A., de Lestang, S., Fairclough, D. V., McLean, D., Slawinski, D., Pember, M. B. & Langlois, T. J., 21 May 2020, In: Frontiers in Marine Science. 7, 279.

Enhancing the scientific value of industry remotely operated vehicles (ROVs) in our oceans

McLean, D. L., Parsons, M. J. G., Gates, A. R., Benfield, M. C., Bond, T., Booth, D. J., Bunce, M., Fowler, A. M., Harvey, E. S., Macreadie, P. I., Pattiaratchi, C. B., Rouse, S., Partridge, J. C., Thomson, P. G., Todd, V. L. G. & Jones, D. O. B., 15 Apr 2020, In: Frontiers in Marine Science. 7, 20 p., 220.

Comparing the utility of industry roV and hybrid-auv imagery for surveys of fish along a subsea pipeline

Bond, T., Prince, J., McLean, D. L. & Partridge, J. C., 1 Jan 2020, In: Marine Technology Society Journal. 54, 3, p. 33-42 10 p.

Fish-habitat associations on a subsea pipeline within an Australian Marine Park

McLean, D. L., Vaughan, B. I., Malseed, B. E. & Taylor, M. D., Jan 2020, In: Marine Environmental Research. 153, 104813.

Disentangling the response of fishes to recreational fishing over 30years within a fringing coral reef reserve network

Cresswell, A. K., Langlois, T. J., Wilson, S. K., Claudet, J., Thomson, D. P., Renton, M., Fulton, C. J., Fisher, R., Vanderklift, M. A., Babcock, R. C., Stuart-Smith, R. D., Haywood, M. D. E., Depczynski, M., Westera, M. B., Ayling, A. M., Fitzpatrick, B., Halford, A. R., McLean, D. L., Pillans, R. D., Cheal, A. J., & 5 others Tinkler, P., Edgar, G. J., Graham, N. A. J., Harvey, E. S. & Holmes, T. H., 1 Sept 2019, In: Biological Conservation. 237, p. 514-524 11 p.

A field and video analysis guide for diver operated stereo-video

Goetze, J. S., Bond, T., McLean, D. L., Saunders, B. J., Langlois, T. J., Lindfield, S., Fullwood, L. A. F., Driessen, D., Shedrawi, G. & Harvey, E. S., Jul 2019, In: Methods in Ecology and Evolution. 10, 7, p. 1083-1090 8 p.

An assessment of fish and marine growth associated with an oil and gas platform jacket using an augmented remotely operated vehicle

McLean, D. L., Taylor, M. D., Giraldo Ospina, A. & Partridge, J. C., 15 May 2019, In: Continental Shelf Research. 179, p. 66-84 19 p.

Chasing tail: Putative pre-copulatory behaviour in free-living zebra sharks (*Stegostoma fasciatum*)

Birt, M., Bond, T., Taylor, M., McLean, D. & Langlois, T., 22 Mar 2019, In: Matters. 14, 5, p. 1-5 5 p.

Shark depredation and behavioural interactions with fishing gear in a recreational fishery in Western Australia

Mitchell, J. D., McLean, D. L., Collin, S. P. & Langlois, T. J., 1 Jan 2019, In: Marine Ecology Progress Series. 616, p. 107-122 16 p.

Shark depredation in commercial and recreational fisheries

Mitchell, J. D., McLean, D. L., Collin, S. P. & Langlois, T. J., 1 Dec 2018, In: Reviews in Fish Biology and Fisheries. 28, 4, p. 715-748 34 p.

The influence of depth and a subsea pipeline on fish assemblages and commercially fished species

Bond, T., Partridge, J. C., Taylor, M. D., Cooper, T. F. & McLean, D. L., Nov 2018, In: PLoS One. 13, 11, p. e0207703 e0207703.

Diel shifts and habitat associations of fish assemblages on a subsea pipeline

Bond, T., Langlois, T. J., Partridge, J. C., Birt, M. J., Malseed, B. E., Smith, L. & McLean, D. L., 1 Oct 2018, In: Fisheries Research. 206, p. 220-234 15 p.

Fish associated with a subsea pipeline and adjacent seafloor of the North West Shelf of Western Australia

Bond, T., Partridge, J. C., Taylor, M. D., Langlois, T. J., Malseed, B. E., Smith, L. D. & McLean, D. L., Oct 2018, In: Marine Environmental Research. 141, p. 53-65 13 p.

Eyes in the sea: Unlocking the mysteries of the ocean using industrial, remotely operated vehicles (ROVs)

Macreadie, P. I., McLean, D. L., Thomson, P. G., Partridge, J. C., Jones, D. O. B., Gates, A. R., Benfield, M. C., Collin, S. P., Booth, D. J., Smith, L. L., Techera, E., Skropeta, D., Horton, T., Pattiaratchi, C. B., Bond, T. & Fowler, A. M., 1 Sept 2018, In: Science of the Total Environment. 634, p. 1077-1091 15 p.

Management strategies to minimize the dredging impacts of coastal development on fish and fisheries

Wenger, A. S., Rawson, C., Wilson, S., Newman, S., Travers, M. J., Atkinson, S., Browne, N., Clarke, D., Depczynski, M., Erftemeijer, P., Evans, R., Hobbs, J-P., McIlwain, J., McLean, D., Saunders, B. & Harvey, E., 1 Sept 2018, In: Conservation Letters. 11, 5, 10 p., e12572.

The effects of suspended sediment on coral reef fish assemblages and feeding guilds of north-west Australia

Moustaka, M., Langlois, T. J., McLean, D., Bond, T., Fisher, R., Fearn, P., Dorji, P. & Evans, R. D., 1 Sept 2018, In: Coral Reefs. 37, 3, p. 659-673 15 p.

Fish and habitats on wellhead infrastructure on the north west shelf of Western Australia

McLean, D. L., Taylor, M. D., Partridge, J. C., Gibbons, B., Langlois, T. J., Malseed, B. E., Smith, L. D. & Bond, T., 15 Jul 2018, In: Continental Shelf Research. 164, p. 10-27 18 p.

Quantifying shark depredation in a recreational fishery in the Ningaloo Marine Park and Exmouth Gulf, Western Australia

Mitchell, J. D., McLean, D. L., Collin, S. P., Taylor, S., Jackson, G., Fisher, R. & Langlois, T. J., 25 Jan 2018, In: Marine Ecology Progress Series. 587, p. 141-157 17 p.

The value of Subsea pipelines to marine biodiversity

Bond, T., Prince, J., Partridge, J. C., White, D. & McLean, D. L., 1 Jan 2018, *Offshore Technology Conference Asia 2018, OTCA 2018*. Offshore Technology Conference

Understanding the global scientific value of industry ROV data, to quantify marine ecology and guide offshore decommissioning strategies

McLean, D. L., Macreadie, P., White, D. J., Thomson, P. G., Fowler, A., Gates, A. R., Benfield, M., Horton, T., Skropeta, D., Bond, T., Booth, D. J., Techera, E., Pattiaratchi, C., Collin, S. P., Jones, D. O. B., Smith, L. & Partridge, J. C., 2018, *Offshore Technology Conference Asia 2018, OTCA 2018*. Malaysia: Offshore Technology Conference, 10 p. OTC-28312-MS

Does fish behaviour bias abundance and length information collected by baited underwater video?

Coghlan, A. R., McLean, D. L., Harvey, E. S. & Langlois, T. J., 1 Dec 2017, In: *Journal of Experimental Marine Biology and Ecology*. 497, p. 143-151 9 p.

A critical analysis of the direct effects of dredging on fish

Wenger, A. S., Harvey, E., Wilson, S., Rawson, C., Newman, S. J., Clarke, D., Saunders, B. J., Browne, N., Travers, M. J., McIlwain, J. L., Erfteimeijer, P. L. A., Hobbs, J. P. A., Mclean, D., Depczynski, M. & Evans, R. D., Sept 2017, In: *Fish and Fisheries*. 18, 5, p. 967-985 19 p.

Effects of dredging on critical ecological processes for marine invertebrates, seagrasses and macroalgae, and the potential for management with environmental windows using Western Australia as a case study

Fraser, M. W., Short, J., Kendrick, G., McLean, D., Keesing, J., Byrne, M., Caley, M. J., Clarke, D., Davis, A. R., Erfteimeijer, P. L. A., Field, S., Gustin-Craig, S., Huisman, J., Keough, M., Lavery, P. S., Masini, R., McMahon, K., Mengersen, K., Rasheed, M., Statton, J., & 2 othersStoddart, J. & Wu, P., 1 Jul 2017, In: *Ecological Indicators*. 78, p. 229-242 14 p.

Using industry ROV videos to assess fish associations with subsea pipelines

McLean, D. L., Partridge, J. C., Bond, T., Birt, M. J., Bornt, K. R. & Langlois, T. J., 1 Jun 2017, In: *Continental Shelf Research*. 141, p. 76-97 22 p.

A novel stereo-video method to investigate fish-habitat relationships

Collins, D. L., Langlois, T., Bond, T., Holmes, T. H., Harvey, E. S., Fisher, R. & McLean, D. L., 1 Jan 2017, In: *Methods in Ecology and Evolution*. 8, 1, p. 116-125 10 p.

Can diver operated stereo-video surveys for fish be used to collect meaningful data on benthic coral reef communities?

Bennett, K., Wilson, S. K., Shedrawi, G., McLean, D. L. & Langlois, T. J., 1 Dec 2016, In: *Limnology and Oceanography: Methods*. 14, 12, p. 874-885 12 p.

Distribution, abundance, diversity and habitat associations of fishes across a bioregion experiencing rapid coastal development

McLean, D. L., Langlois, T. J., Newman, S. J., Holmes, T. H., Birt, M. J., Bornt, K. R., Bond, T., Collins, D. L., Evans, S. N., Travers, M. J., Wakefield, C. B., Babcock, R. C. & Fisher, R., 5 Sept 2016, In: *Estuarine, Coastal and Shelf Science*. 178, p. 36-47 12 p.

Sedimentation-induced burial of subsea pipelines: Observations from field data and laboratory experiments

Leckie, S., Mohr, H., Draper, S., Mclean, D., White, D. & Cheng, L., 1 Aug 2016, In: *Coastal Engineering*. 114, p. 137-158 22 p.

Comparison of baited longlines and baited underwater cameras for assessing the composition of continental slope deepwater fish assemblages off southeast Australia

McLean, D., Green, M. A., Harvey, E. S., Williams, A. B., Daley, R. K. & Graham, K. J., 2015, In: *Deep-Sea Research Part I: Oceanographic Research Papers*. 98, p. 10-20

Targeted demersal fish species exhibit variable responses to long-term protection from fishing at the Houtman Abrolhos Islands

Bornt, K., Mclean, D., Langlois, T., Harvey, E. S., Bellchambers, L. M., Evans, S. N. & Newman, S., 2015, In: *Coral Reefs*. 34, 4, p. 1297-1312

Evaluation of the effect of closed areas on a unique and shallow water coral reef fish assemblage reveals complex responses

Shedrawi, G., Harvey, E. S., Mclean, D., Prince, J., Bellchambers, L. M. & Newman, S. J., 1 Sept 2014, In: Coral Reefs. 33, 3, p. 579-591

Coastal Fish Assemblages Reflect Geological and Oceanographic Gradients Within An Australian Zootone

Harvey, E., Cappo, M., Kendrick, G. & Mclean, D., 2013, In: PLoS One. 8, 11, p. 17pp

Using artificial illumination to survey nocturnal reef fish

Fitzpatrick, C., Mclean, D. & Harvey, E., 2013, In: Fisheries Research. 146, p. 41-50

Comparison of the relative efficiencies of stereo-BRUVs and traps for sampling tropical continental shelf demersal fishes

Harvey, E., Newman, S. J., Mclean, D., Cappo, M., Meeuwig, J. & Skepper, C. L., 2012, In: Fisheries Research. 125-126, p. 108-120

Contrasting habitat use of diurnal and nocturnal fish assemblages in temperate Western Australia

Harvey, E., Butler, J. J., Mclean, D. & Shand, J., 2012, In: Journal of Experimental Marine Biology and Ecology. 426-427, p. 78 - 86

Erratum to "Declines in the abundance of coral trout (*Plectropomus leopardus*) in areas closed to fishing at the Houtman Abrolhos Islands, Western Australia" [J. Exp. Mar. Biol. Ecol. 406 (2011) 71-78]

Mclean, D., Harvey, E. & Meeuwig, J., 2012, In: Journal of Experimental Marine Biology and Ecology. 416-417, p. 254

Response of diurnal and nocturnal coral reef fish to protection from fishing: an assessment using baited remote underwater video

Harvey, E., Dorman, S., Fitzpatrick, C., Newman, S. J. & Mclean, D., 2012, In: Coral Reefs. September 2012, p. 12pp

Similarities between Line Fishing and Baited Stereo-Video Estimations of Length-Frequency: Novel Application of Kernel Density Estimates

Langlois, T., Fitzpatrick, B., Fairclough, D. V., Wakefield, C. B., Hesp, S. A., Mclean, D., Harvey, E. & Meeuwig, J., 2012, In: PLoS One. 7, 11, p. 9pp

Declines in the abundance of coral trout (*Plectropomus leopardus*) in areas closed to fishing at the Houtman Abrolhos Islands, Western Australia

Mclean, D., Harvey, E. & Meeuwig, J., 2011, In: Journal of Experimental Marine Biology and Ecology. 406, p. 71

Assessing reef fish assemblage structure: how do different stereo-video techniques compare?

Watson, D., Harvey, E., Fitzpatrick, B. M., Langlois, T. & Shedrawi, G., 2010, In: Marine Biology. 157, p. 1237-1250

Cost-efficient sampling of fish assemblages: comparison of baited video stations and diver video transects

Langlois, T., Harvey, E., Fitzpatrick, B., Meeuwig, J., Shedrawi, G., Watson, D. L. & Watson, D., 2010, In: Aquatic Biology. 9, p. 155-168

Large decline in the abundance of a targeted tropical lethrinid in areas open and closed to fishing

Mclean, D., Harvey, E., Fairclough, D. V. & Newman, S. J., 2010, In: Marine Ecology-Progress Series. 418, p. 189-199

Effects of protection from fishing on the lengths of targeted and non-targeted fish species at the Houtman Abrolhos Islands, Western Australia

Watson, D., Anderson, M. J., Kendrick, G., Nardi, K. & Harvey, E., 2009, In: Marine Ecology - Progress Series. 384, p. 241-249

Influence of the Leeuwin Current on the distribution of fishes and the composition of fish assemblages

Watson, D. L. & Harvey, E., 2009, In: Royal Society of Western Australia, Journal. 92, p. 147-154

Behaviour of temperate and sub-tropical reef fishes towards a stationary SCUBA diver

Watson, D. L. & Harvey, E., 2007, In: Marine and Freshwater Behaviour and Physiology. 40, 2, p. 85-103

Protection from fishing alters the species composition of fish assemblages in a temperate-tropical transition zone

Watson, D., Harvey, E., Kendrick, G., Nardi, K. & Anderson, M. J., 2007, In: Marine Biology. 152, 5, p. 1197-1206

Use of underwater stereo-video to measure fish assemblage structure, spatial distribution of fishes and change in assemblages with protection from fishing

Watson, D. L., 2006, (Unpublished)

A comparison of temperate reef fish assemblages recorded by three underwater stereo-video techniques

Watson, D., Harvey, E., Anderson, M. J. & Kendrick, G., 2005, In: Marine Biology. 148, 2, p. 415-425

The influence of culture conditions on the growth and biochemical composition of an algal feed for juvenile greenlip abalone (*Haliotis laevis*)

Watson, D., Daume, S., Prince, J., Beazley, L. & Knott, B., 2005, In: Molluscan Research. 25, 1, p. 1-8

The influence of light intensity on the density of different diatoms as feed for juvenile greenlip abalone (*Haliotis laevis*)

Watson, D., Daume, S., Prince, J., Beazley, L. & Knott, B., 2004, In: Aquaculture. 235, 1-4, p. 345-359

Searching by visual and acoustic cues among bushcrickets (Orthoptera: Tettingoniidae): will females remain faithful to a male who stops calling?

Bailey, W., Ager, E. I., O'Brien, E. K. & Watson, D. L., 2003, In: Physiological Entomology. 28, 3, p. 209-214