



Shaw Mead. PhD

Nationality: New Zealand

Date of Birth: 3rd February 1967

Profession: Environmental Scientist/Consultant

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PRESENT POSITIONS:

- Managing Director/Environmental Scientist, eCoast Ltd
- Director, Eco Surf Viti Ltd
- Lecturer and Research Provider, Unitec.

SPECIALISATION:

Coastal oceanography, beach processes, coastal hazards/SLR, ecology (marine, freshwater, and terrestrial), coastal structure design and impact assessment, surf science, hydrodynamic and sediment transport numerical modelling, aquaculture, environmental impact assessment, expert witness/reviewer.

YEARS OF EXPERIENCE: 24

KEY QUALIFICATIONS:

- PhD in Coastal Oceanography & Numerical Modelling, University of Waikato, New Zealand (1996-2000)
- MSc (Hons) in Environmental Science & Marine Ecology/Aquaculture, University of Auckland, New Zealand (1994-96)
- BSc in Marine Biology & Botany, University of Auckland, New Zealand (1991-93)

PROFESSIONAL MEMBERSHIPS:

- New Zealand Coastal Society (IPENZ)
- Technical Advisor for the Surfbreak Protection Society (NZ) and Save the Waves Coalition
- Editorial Board for the Journal of Coastal Conservation, Planning and Management
- New Zealand Fiji Business Council
- Registered Environmental Impact Assessment (EIA) consultant in Fiji (coastal processes, coastal engineering, marine ecology, numerical modelling)

PERSONAL STATEMENT:

Dr Mead's background in coastal oceanography and marine ecology, specialising in hydrodynamic and sediment transport numerical modelling, coastal processes, coastal structures/processes interactions, marine ecology and aquaculture, allows him to effectively bridge the multi-disciplinary gap between physical processes and marine ecological impacts. His PhD thesis in physical oceanography is based on a series of peer-reviewed papers that together with more than 30 popular articles, have presented novel techniques to record the shape of the seabed and surfing breaks, specify the breaking intensity of waves and to break-down surf breaks into their morphological components using numerical modelling. Dr Mead's research and consulting have led to major advances in our knowledge of offshore reefs for the development of multiple-use structures (coastal protection, amenities such as surfing, wind-surfing, diving, fishing, and ecological enhancement), and have incorporated numerical modelling of waves,

currents and sediment transport to develop the designs and assess the impacts of coastal structures over a large range of spatial and temporal scales. Dr Mead is a world-leader in the discipline of surf science

and multi-purpose reef design and research, enabling the incorporation of high-quality surfing reefs into multi-purpose coastal structures. This work has also been applied to the development of recreational wave-pool designs and patents and advising on wave generation techniques for a range of applications (e.g. for water scenes in the King Kong movie, the development of a multi-wave surf pool facility, etc.). He has also applied surf science to the protection and understanding of natural surfing breaks, was instrumental in the incorporation of New Zealand's nationally significant surfing breaks into the New Zealand Coastal Policy Statement (NZCPS, 2010), and is currently part of a government-funded research team developing the world's first set of management and protection guidelines for surf breaks. Commercially, Dr Mead has been involved in development of beach management and coastal remediation/protection strategies, assessments of coastal hazards, marina and beach design, ecological and physical effects of marine construction, dredging, oil industry and aquaculture ventures, ecological and physical effects of subdivisions and outfalls, development of climate change resilience strategies to sea level rise, and the management and protection of surfing breaks.

Practical Experience

Dr Mead is currently an environmental scientist and Managing Director at eCoast, which is a marine consulting and research organization, focussed on applying up to date knowledge on physical and biological processes in a holistic approach to coastal, estuarine riverine management. Dr Mead has over 20 year's experience in marine research and consulting, has published over 50 peer-reviewed publications, has solely or jointly produced over 300 technical reports pertaining to coastal management/hazards, coastal structures, erosion control, beach remediation and management strategies, surf break protection and management, marina and beach design, marine, freshwater and terrestrial ecology, coastal oceanography and aquaculture. Dr Mead has undertaken more than 2000 consulting and research SCUBA dives around the coast of New Zealand, the Pacific Islands, Indian Ocean Islands, South Africa, Europe, Indonesia and North America, and is affiliated to the New Zealand Coastal Society (IPENZ). Dr Mead is also experienced at presenting expert witness evidence at resource consent hearings and in environment and high court, EPA hearings, as well as public meetings and seminars. To keep up to date with the latest advances in coastal science and numerical modelling, Dr Mead regularly attends national and international conferences such as the ICCE, the Australasian Coasts and Ports and NZCS (IPENZ). Dr Mead has led or been involved in a range of projects related to all aspects of coastal management and development including design and impact studies of coastal structures, beaches, marinas and multi-purpose reefs (coastal protection, amenity and ecological enhancement) (in NZ, UK, Australia, US, Fiji, Costa Rica, Mexico, South Africa, New Caledonia), coastal process investigations to identify the causes and remedies for coastal erosion (in NZ, Australia, UK, South Africa, Indian Ocean Islands), port expansion (breakwaters and directed wave-driven currents to reduce maintenance dredging), oil field development (NZ and Australia), habitat enhancement (in NZ), artificial reef designs for enhancement of fisheries and tourism (in NZ, Persian Gulf, Fiji), surf break impacts and management, and beach management and climate change resilience strategies. These projects have included field data acquisition, data analysis, design, impact assessment, public consultation and application for permits. Clients have included central and local government authorities, private and public corporations, international engineering and management companies, private developers, hotels and resorts and aid providers (NZODA, ADB, SPC, UNDP).

Dr Mead's career is focussed on the application of environmental science for sustainable development and the management of environmentally beneficial projects, and, like his associates with eCoast, he actively seeks ways to provide clients and the community with well-balanced solutions to coastal management and development projects. He currently divides his professional time between Raglan and Fiji.

SPECIALISED SKILLS/TRAINING AND OTHER BACKGROUND

- Company Director, Technical Group Manager, Project Manager, Project Leader/Field work programme leader, Designer – Managing Director/Director of ASR Ltd (1997-2011), Managing Director of eCoast (2011-present), Management of technical team and consulting/construction projects, Expert Witness, design and implementation of oceanographic data collection programmes for coastal process investigations and numerical model calibration, multi-purpose reef development/design (>40 projects), design of coastal structures and beach restoration/development projects, beach and marina design, beach management and resilience strategies for sea level rise, and ecology data collection programmes for ecological assessment and monitoring.
- FETA Fijian Tourism Award – Sustainable Tourism 2016 (Maqai Beach Eco Resort (Eco Surf Viti Ltd))
- Entrepreneur of the Year Finalist, 2009
- While Managing Director of ASR Ltd:
 - 10th fastest growing company in New Zealand (Deloitte's Fast 50)
 - Fastest exporter company in central North Island (Deloitte's)
 - Fastest growing technical, media, telecommunications company in central North Island (Deloitte's)
 - ANZ Waikato Export Awards 2006 Innovator of the Year (ASR Ltd).
- Computer modelling (the 3DD suite) - WBEND (wave refraction and beach erosion/deposition model), GENIUS (sediment transport), 3DD (3-dimensional hydrodynamic and sediment transport), 2DBEACH (coupled beach and sediment transport model), Pol3DD ((POLLution dispersal coupled to 3DD – sediment transport, pollutants, larvae, etc.). Data analysis. Experience with a wide range environmental parameter testing procedures and equipment (water – nutrients, chemical properties, biological properties, etc., air, sediment, etc.)
- 4th Year Environmental Law (NZ RMA 1991)
- Experienced with a variety of software applications especially in areas useful for numerical modelling, GIS and statistical analysis of data including; Surfer, AutoCAD, Grapher, SigmaStat/Plot, Matlab, Statistica, Basic FORTRAN, Mocha, Kaliedograph, Pathfinder
- Experienced with the deployment and data analysis of a variety of oceanographic data acquisition equipment - GPS (a wide range of systems), sonar, S4, Sontek ADP, FSI, Dobbie, Aqaudopp, Sentinel, CTD's, etc.
- Lecturer – Coastal Engineering, Environmental Change, AutoCAD, Physics
- Rescue diver (>2000 field-work dives)
- Day Skipper's Certificate/Restricted Radiotelephone Operator's Licence
- Martial Arts Instructor (3rd Dan)
- Senior Science Award (University of Auckland)
- Paton Cup – Highest Marks in New Zealand School Certificate Technical Drawing

Peer-Reviewed Papers: 55

Conference Papers: 13

Technical Reports: >350

International Conference Presentations: 27

National Conference Presentations: 23

Seminars and Public Presentations: 56

Expert Witness/Evidence: 56

Popular Articles: 33

Graduate Student Supervision: 17

Keynote Presentations: 9

Book Chapters: 2

NATIONAL AND INTERNATIONAL CONFERENCES ATTENDED:

- Fiji-New Zealand and New Zealand-Fiji Business Councils Annual Joint Conference, Suva, Fiji, 25-28 June 2018.
- New Zealand Coastal Society (IPENZ) Conference. Tauranga, New Zealand, 15-17 November 2017.
- The 23rd Australasian Coasts and Ports Conference, Cairns, Australia, 20-23 June 2017.
- Fiji-New Zealand and New Zealand-Fiji Business Councils Annual Joint Conference and 30th Anniversary, Auckland, New Zealand, 15 June 2017.
- New Zealand Coastal Society (IPENZ) Conference. Dunedin, New Zealand, November 2016.
- The 13th International Coral Reef Symposium, Honolulu, Hawaii, 20-25 June 2016.
- The 22nd Australasian Coasts and Ports Conference, Auckland, New Zealand, 15-18 September, 2015.
- Fiji-New Zealand and New Zealand-Fiji Business Councils Annual Joint Conference, Auckland, New Zealand, 12 June 2015.
- New Zealand Coastal Society (IPENZ) Conference. Raglan, New Zealand, November 2014
- Fiji-New Zealand and New Zealand-Fiji Business Councils Annual Joint Conference, Suva, Fiji, 28 June 2014.
- The 21st Australasian Coasts and Ports Conference, Manly, Australia, September, 2013
- New Zealand Climate Change Conference, Palmerston North, 4-5 June 2013
- New Zealand Coastal Society (IPENZ) Conference. Auckland, New Zealand, November 2012
- ASBPA 2012 National Coastal Conference. San Diego, October 2012
- New Zealand Fiji Business Council Conference, Nadi, 16-17 June, 2012
- Sea-Level Rise – Meeting the Challenge, Wellington 10-11 May 2012.
- New Zealand Coastal Society (IPENZ) Conference. Nelson, New Zealand, November 2011.
- The 20th Australasian Coasts and Ports Conference, Perth, Australia, September, 2011
- New Zealand Coastal Society (IPENZ) Conference. Whitianga, New Zealand, November 2010.
- 32nd International Conference on Coastal Engineering. Shanghai, China, June 30 – July 5, 2010.
- Australasian Young Planners Conference VPCoast2010. Christ Church, New Zealand, 19-20 April 2010. 7th International Multi-Purpose Artificial Surfing Reef Symposium, Bondi Beach, Sydney, Australia, March 19th, 2010.
- The 19th Australasian Coasts and Ports and NZ Coastal Society (IPENZ) Conference, Wellington, New Zealand, September 15-18th, 2009
- 6th International Multi-Purpose Artificial Surfing Reef Symposium, Jeffrey's Bay, South Africa, May 18-21st, 2009
- New Zealand Coastal Society (IPENZ) Conference. New Plymouth, New Zealand, November 2008.
- New Zealand Coastal Society (IPENZ) Conference. Tauranga, New Zealand, November 2007.
- The 18th Australasian Coasts and Ports Conference, Melbourne, Australia, July 2007
- Inaugural Conference of The Dune Restoration Trust of New Zealand. Tauranga, New Zealand, 13-17 February, 2007
- New Zealand Coastal Society (IPENZ) Conference. Kaikoura, New Zealand, 15-17 November 2006.
- 5th International Surfing Reef Symposium, Heaven on the Planet, Lombok, Indonesia, July 31-August 3, 2006
- The 3rd Western Australian Coastal Conference. Bunbury, West Australia, 16-18 November 2005

- New Zealand Coastal Society (IPENZ) Conference. Tutukaka, New Zealand, 12-14 October 2005.
- The 17th Australasian Coasts and Ports Conference, Hilton Hotel, Adelaide, Australia, 21-23 September 2005
- The 4th International Surfing Reef Conference. Manhattan Beach, California, 11-14 January 2005.
- New Zealand Coastal Society (IPENZ) Conference. Dunedin, New Zealand, 18-20 October 2004.
- The 2nd Western Australian Coastal Conference. Geraldton, West Australia, 20-21 November 2003.
- SASIC 3 - Third Surfing Arts, Science and Issues Conference. Doheny Doubletree Inn, Dana Point, California, USA, 8-9 November 2003
- The 16th Australasian Coasts and Ports Conference, Hyatt Regency Hotel, Auckland, New Zealand, 9-12 September 2003
- The 3rd International Surfing Reef Conference. Karioi Centre, Raglan, New Zealand, 23-25 June 2003.
- SASIC 2 - Second Surfing Arts, Science and Issues Conference. Holiday Inn, Ventura, California, USA, 9 November 2002
- New Zealand Marine Science Conference, Rutherford Hotel, Nelson, New Zealand, September 2-4 2002
- New Zealand Coastal Society (IPENZ) Annual Symposium, Tahuna Beach Conference Centre, Nelson, New Zealand, October 17-18 2001
- The 15th Australasian Coasts and Ports Conference, Gold Coast, Australia, Sept 28-1 Oct 2001
- New Zealand Marine Science Conference, Waikato University, Hamilton, August 2000
- International Coastal Symposium 2000, Sheraton Hotel, Rotorua, New Zealand, April 24-27 2000
- New Zealand Marine Science Conference, Victoria University, Wellington, August 1999
- The 14th Australasian Coasts and Ports Conference, Perth, Australia, April 1999
- Joint Australasian Botany Society/New Zealand Marine Sciences Society Conference, University of Otago, Dunedin, July, 1998
- 2nd Annual International Artificial Surfing Reef Symposium, San Diego, April 1998
- Joint New Zealand/Australia Marine Science Conference, Auckland, July 1997
- New Zealand Marine Science Conference, University of Canterbury, Christ Church, August 1996
- New Zealand Marine Science Conference, Victoria University, Wellington, August 1995

PUBLICATION SUMMARY

Peer-reviewed publications

Hume, T.M., N. Mulcahy and S. T. Mead, 2018. An overview of the breaking wave environment in New Zealand – Use and values. Submitted to the *Journal of Coastal Research* (Special Issue 87: *Surf Break Management in Aotearoa/New Zealand*)

Mead, S. T., T. M. Hume, E. Atkin, K. Bryan and J. Waiti, 2018. Management Issues Concerning New Zealand's Nationally and Regionally Significant Surf Breaks. Submitted to the *Journal of Coastal Research* (Special Issue 87: *Surf Break Management in Aotearoa/New Zealand*)

Phillips, D. J., S. T. Mead, and M. Emeny, 2017. Lylly Bay Coastal Remediation. *Proceedings of the 23th Australasian Coasts and Ports Conference*, Cairns, Australia, 21-23 June 2017.

Atkin, E., T. Hume, S. Mead, K. Bryan, and J. Waiti, 2017. Remote Sensing, Classification and Management Guidelines for Surf Breaks of National and Regional Significance. *Proceedings of the 23th Australasian Coasts and Ports Conference*, Cairns, Australia, 21-23 June 2017.

Mead, S. T., D. J. Phillips, and E. Atkin, 2017. The Rise and Fall (and Rise) of Winston Island. *Proceedings of the 23th Australasian Coasts and Ports Conference*, Cairns, Australia, 21-23 June 2017.

- Borrero J. C., M. Clarke, R. Klaus, S. T. Mead and S. Persand. Design and Assessment of Climate Change Adaptation and Erosion Control Measures for Mon Choisy Beach, Republic of Mauritius. *Proceedings 13th International Coral Reef Symposium*, Honolulu, Hawaii, 20-25 June 2016.
- Haggitt, T., and S. T. Mead, 2015. Makara Estuary Monitoring: Effects-based monitoring within a degraded, yet dynamic, coastal environment. *Proceedings of the 22th Australasian Coasts and Ports Conference*, Auckland, New Zealand, 15-18 September 2015.
- Mead, S. T., J. C. Borrero, E. Atkin and D. J. Phillips, 2015. Application of Climate Change Adaptation, Resilience, and Beach Management Strategies on Coral Islands. *Proceedings of the 22th Australasian Coasts and Ports Conference*, Auckland, New Zealand, 15-18 September 2015.
- Mead, S. T., D. Phillips and A. Prime, 2013. Development of a Multi-Purpose Breakwater/Reef at Maqai Eco Surf Resort, Qamea Island, Fiji. *Proceedings of the 21th Australasian Coasts and Ports Conference*, Sydney, Australia, 11-13 September 2013.
- Mead, S. T., D. J. Phillips, and T. Haggitt, 2011. Development of a GIS to Determine the Vulnerability of Regionally Significant Marine Receiving Environments to Land-Use Impacts. *Proceedings of the 20th Australasian Coasts and Ports Conference*, Perth, Australia, 27-30 September 2011.
- Atkin, E. A., J. C. Borrero and S. T. Mead, 2013. Morphological Response to a Multi-Purpose Reef. *Journal of Coastal Engineering*, (Submitted).
- Mead, S. T., and J. C. Borrero, 2011. Multi-Purpose Reefs – A Decade of Applications. *Proceedings of the 20th Australasian Coasts and Ports Conference*, Perth, Australia, 27-30 September 2011.
- Borrero, J. C., S. T. Mead and A. Moores, 2010. Stability Considerations and Case Studies of Submerged Structures Constructed from Large, Sand-Filled, Geotextile Containers. *Proceedings of 32nd International Conference on Coastal Engineering*. Shanghai, China, June 30 – July 5, 2010.
- Mead S.T, C. Blenkinsopp, J. C. Borrero and A. Moores, 2010. Design and Construction of the Boscombe Multi-Purpose Reef. *Proceedings of 32nd International Conference on Coastal Engineering*. Shanghai, China, June 30 – July 5, 2010.
- Scarfe, B., T. Healy, H. Rennie and S. Mead, 2009. Sustainable Management of Surfing Breaks: Case Studies and Recommendations. *Journal of Coastal Research*, 25(3): 684-703.
- Harrison, S., J. Borrero, C. Klinginger, S. T. Mead and D. Phillips, 2009. Hydrodynamic Modelling of Whaingaroa Harbour. *Proceedings of the 19th Australasian Coasts and Ports Conference*, Wellington, NZ, 16-18 September 2009.
- Phillips D., S. T. Mead, S. Harrison J. Frazerhurst, G. Dodet, C. Klinginger and J. Borrero, 2009. Oceanography in the Public Interest: Tales from Raglan. *Proceedings of the 19th Australasian Coasts and Ports Conference*, Wellington, NZ, 16-18 September 2009.
- Black, K.P., A.E. Moores, and S.M. Mead, 2009. Effect of Input Wave Shape on Surfing Wave Quality. *Coastlab08 - Application of Physical Modelling to Port and Coastal Protection*. Publisher: IAHR. ISBN: 78-90-78046-07-3.
- Mead, S. T., 2009. *Multiple-Use Options for Coastal Structures: Unifying Amenity, Coastal Protection and Marine Ecology*. The Reef Journal, Vol. 1, 2009. ISSN No. 1176-7812.
- Phillips, D. J., and S. T. Mead, 2008. Investigation of a Large Offshore Sandbar at Raglan, New Zealand: Impacts on Surfing Amenity. *Shore and Beach* Vol 76(2) Spring 2008
- Black K. P., and S. T. Mead, 2007. Sand bank responses to a multi-purpose reef on an exposed sandy coast. *Shore and Beach* 75(4):55-66.
- Mead, S. T., J. C. Borrero, K. P. Black and D. Anderson, 2007. Multi-Faceted Beach Management at St Francis Bay Beach, South Africa. *Shore and Beach* 75(4):43-54.
- Mead S. T., and D. J. Phillips, 2007. Temporal and Spatial Variation of a Large Offshore Sandbar at Raglan, NZ. *Proceedings of the 18th Australasian Coasts and Ports Conference*, Melbourne 2007.

- Mead S. T., K. P. Black and A. Moores, 2007. Mount Maunganui Reef – Amalgamating Design and the Constraints of Construction. *Proceedings of the 17th Australasian Coasts and Ports Conference*, Melbourne 2007.
- Longdill, P. C., T. R. Healy, K. P. Black and S. T. Mead, 2007. Integrated Sediment Habitat Mapping for Aquaculture Zoning. *Journal of Coastal Research*, Special Issue 50, Proceedings of the International Coastal Symposium, Australia.
- Mead, S. T., and K. Black, 2006. Innovative Shoreline Protection for Oil Piers, Ventura, (USACE Section 227 Demonstration Program). 30th International Conference on Coastal Engineering, September 3-8, 2006. Manchester Grand Hyatt San Diego, San Diego, California.
- Phillips, D. J., and S. T. Mead, 2006. *Investigation of a Large Sandbar at Raglan, New Zealand: Project Overview and Preliminary Results*. 5th International Surfing Reef Symposium, Lombok, Indonesia, July 31-August 3, 2006. Volume 1: Reef Journal ISSN No:1176-7812.
- Moores, A., K. P. Black and S. T. Mead, 2006. *Physical Modelling of the Mount Maunganui Artificial Surfing Reef.CoastLab06*, Porto, Portugal.
- Mead, S. T., and K. P., Black, 2005. Development of a Multi-Purpose Reef at Orewa Beach, New Zealand. *Proceedings of the 17th Australasian Coasts and Ports Conference*, Adelaide.
- Scarfe, B., Rennie, H, S. T. Mead, T. R. Healy and C. Nelson, 2005. Sustainable Management of Surfing Breaks – An Overview. 4th International Artificial Surfing Reef Symposium. Volume 1: Reef Journal ISSN No:1176-7812.
- Black, K. P., and S. T. Mead, 2005. Design of Surfing Reefs. 4th International Artificial Surfing Reef Symposium – Volume 1: Reef Journal ISSN No:1176-7812.
- Mead, S. T., K. P. Black, B. Scarfe, L. Harris and C. Blenkinsopp, 2005. Detailed Design of a Multi-Purpose Reef at Oil Piers, Ventura, California. 4th International Artificial Surfing Reef Symposium – a Special Issue of the *Journal of Coastal Research*. Submitted.
- Ertfemeijer, P. L. A., R. F. de Graaff, S. T. Mead and G. Boot, 2004. Site-Selection for Artificial Reefs in Bahrain Based on GIS-Technology and Hydrodynamic Modelling. *Ocean & Coastal Management*.
- Black and Mead, 2003. Numerical Prediction of Salient Formation in the Lee of Offshore Reefs. *Proceedings of the 3rd International Surfing Reef Symposium, Raglan, New Zealand, June 22-25, 2003*. Pp 196-218.
- Mead, S. T., and P. McComb, 2003. Remote Video Sensing to Support Ecological Impact Assessment: the correlation of habitat complexity and species diversity/abundance allows for confident assessment of large subtidal areas. *Proceedings of The 16th Australasian Coasts and Ports Conference*, Hyatt Regency Hotel, Auckland, New Zealand, 9-12 September 2003
- Frazerhurst, J., and S. T. Mead, 2003. Determination of Optimum Wave Energy Converter Device Locations Utilising Numerical Modelling of Wave Transformation. *Proceedings of the Fifth European Wave Energy Conference*, Cork, Ireland, 17-20 September, 2003.
- McComb, P., K. P. Black and S. T. Mead, 2003. *A Surfing Reef Feasibility Study at Opunake, New Zealand*. 3rd International Artificial Surfing Reef Symposium, Raglan, New Zealand 23-25 June 2003. ISBN 0-473-09801-6 2003
- Phillips, D. J., T. R. Healy, K. P. Black and S. T. Mead, 2003. *Surf Zone Currents and Influence on Surfability*. 3rd International Artificial Surfing Reef Symposium, Raglan, New Zealand 23-25 June 2003. ISBN 0-473-09801-6 2003
- Hadersdorfer, H., K. P. Black and S. T. Mead, 2003. *Floating Reefs for Surfing Pools*. 3rd International Artificial Surfing Reef Symposium, Raglan, New Zealand 23-25 June 2003. ISBN 0-473-09801-6 2003

- Scarfe, B., M. H. S. Elwany, S. T. Mead and K. P. Black, 2003. *Categorising the Types of Surfing Breaks Around Jetty Structures*. 3rd International Artificial Surfing Reef Symposium, Raglan, New Zealand 23-25 June 2003. ISBN 0-473-09801-6 2003
- Scarfe, B., M. H. S. Elwany, S. T. Mead and K. P. Black, 2003. *The Science of Surfing Waves and Surfing Breaks: A Review*. 3rd International Artificial Surfing Reef Symposium, Raglan, New Zealand 23-25 June 2003. ISBN 0-473-09801-6 2003
- Burgess, S. C., K. P. Black, S. T. Mead, M. J. Kingsford, 2003. *Considerations for Artificial Surfing Reefs as Habitat for Marine Organisms*. 3rd International Artificial Surfing Reef Symposium, Raglan, New Zealand 23-25 June 2003. ISBN 0-473-09801-6 2003
- Mead, S. T., K. P. Black, J. Frazerhurst and B. Scarfe, 2003. *The Effects of Wave Focussing on Surfing Reef Site Selection, Surfing Wave Quality and ASR Design at Scales of Inner Continental Shelf to Sub-Tidal Reef*. 3rd International Artificial Surfing Reef Symposium, Raglan, New Zealand 23-25 June 2003. ISBN 0-473-09801-6 2003
- Mead, S. T., 2003. *Surfing Science*. Proceedings of The 3rd International Surfing Reef Conference. Karioi Centre, Raglan, New Zealand, 23-25 June 2003. ISBN 0-473-09801-6 2003
- Scarfe, B. E., A. K. Chong, W. P. de Lange, S. T. Mead and K. P. Black, 2003. Metric and Non-Metric Application of a Two-Dimensional Projective Coordinate Transformation for Coastal Zone Studies. *Photogrammetric Engineering and Remote Sensing*.
- Scarfe, B. E., K. P. Black, A. K. Chong, W. L., de Lange, D. Phillips and S. T. Mead, 2003. The Application of Surveying Techniques to Artificial Surfing Reef Studies. *Trans-Tasman Surveyor*, April Edition, 2003.
- Hutt, J.; Black, K. and Mead, S., 2001. Classification of Surf Breaks in Relation to Surfing Skill. Special Issue 29, *Journal of Coastal Research* p66-81.
- Black, K. P., & S. T. Mead, 2001b. *Wave Rotation for Coastal Protection*. Proceedings of the Australasian Coasts & Ports Conference, Gold Coast, Queensland, Australia, 25-28 September 2001.
- Black, K.P. and Mead, S., 2001a. Design of the Gold Coast Reef for Surfing, Public Amenity and Coastal Protection. Special Issue 29, *Journal of Coastal Research* p115-130.
- Mead, S. T. & K. P. Black, 2001c. Predicting the Breaking Intensity of Surfing Waves. Special Issue of the *Journal of Coastal Research on Surfing* p51-65.
- Mead, S. T. & K. P. Black, 2001b. Functional Component Combinations Controlling Surfing Wave Quality at World-Class Surfing Breaks. Special Issue of the *Journal of Coastal Research on Surfing* p21-32.
- Mead, S. T. & K. P. Black, 2001a. Field Studies Leading to the Bathymetric Classification of World-Class Surfing Breaks. Special Issue of the *Journal of Coastal Research on Surfing* p5-20.
- Mead, S. T. and K. P. Black, 1999. A Multi-Purpose, Artificial Reef at Mount Maunganui Beach, New Zealand. *Coastal Management Journal* 27(4).
- Mead, S. T. and K. P. Black, 1999. *Configuration of Large-Scale Reef Components at a World-Class Surfing Break: Bingin Reef, Bali, Indonesia*. Proceedings of the Australasian Coasts & Ports Conference, Perth, Australia, 13-16 April, 1999.
- Black, K.; Mead, S.; McComb, P. and Healy, T., 1999. Numerical modelling to amalgamate recreational amenity and coastal protection on sandy and rocky coasts. *Coastal Structures '99 Conference*, 2, 823-832, Spain, 6 June 1999.

Theses and Book Chapters

- Mead S. T., 2017. *Chapter 6 - Beach Management*. In: Marine and Coastal Resource Management: Principles and Practise. Eds D. Green and J. Payne. Routledge, 328 pg.

Mead S. T., and J. C. Borrero, 2017. *Chapter 16 -Surf Science and Multi-Purpose Reefs*. In: *Marine and Coastal Resource Management: Principles and Practise*. Eds D. Green and J. Payne. Routledge, 328 pg.

Mead, S. T., 2000. *Incorporating High-Quality Surfing Breaks into Multi-Purpose Reefs*. Doctor of Philosophy in Coastal Oceanography and Surfing Reefs thesis. University of Waikato. Pp 209 + appendices.

Mead, S. T., 1996. *Fertilization success, sustainable management and commercial development of the New Zealand sea urchin, Evechinus chloroticus*. Masters of Science in Environmental Science and Zoology thesis. University of Auckland. 185 pp + appendices.

Expert Evidence

Mead, S.T, 2018. *Statement of Evidence of Dr Shaw Mead – GMO: Risks to the Marine Environment*. Prepared for GE Free Taitokerau, October 2018.

Mead, S. T., 2018. *Statement of Evidence of Dr Shaw Mead (Surfbreak Impacts) – Western Firth of Thames Mussel Farm*. Prepared for the Surfbreak Protection Society Inc., May 2018.

Mead, S. T., 2018. *Review of NorthPort's Responses to Minute #7, Annexures B and D*. Prepared for the Patuharakeke Trust Board, April 2018.

Mead, S. T., 2018. *Rebuttal Evidence of Dr Shaw Mead; Coastal Processes, Numerical Modelling and Marine Ecology – Northport Entrance Channel Deepening Application*. Prepared for the Patuharakeke Trust Board, February 2018.

Mead, S. T., 2018. *Statement of Evidence of Dr Shaw Mead; Coastal Processes, Numerical Modelling and Marine Ecology – Northport Entrance Channel Deepening Application*. Prepared for the Patuharakeke Trust Board, February 2018.

Mead, S. T., 2017. *Rebuttal of Evidence of Dr Shaw Mead; Physical Oceanography – the Kennedy Point Marina Application*. Prepared for SKP Inc., Environment Court Hearing, January 2018.

Mead, S. T., 2017. *Statement of Evidence of Dr Shaw Mead; Biological and Physical Oceanography – the Kennedy Point Marina Application*. Prepared for SKP Inc., Environment Court Hearing, November 2017

Mead, S. T., 2017. *Review of MV the Rena post-decision draft conditions*. Prepared for the Iwi Appellants, August 2017.

Mead, S. T., and E. Atkin, 2017. *Review of MetOcean Surfing Impact Report for Lyttleton Port Dredge Disposal: Existing and post sediment disposal nearshore wave dynamics and potential effects on inshore surfing conditions*. Prepared for the Surfbreak Protection Society, Environment Court Hearing, April 2017.

Mead, S. T., 2017. *Rebuttal Evidence of Dr Shaw Mead; Benthic Ecology*. Prepared for Kiwis Against Sand Mining inc. and Greenpeace, EPA Board of Enquiry Hearing, February 2017.

Mead, S. T., 2017. *Statement of Evidence of Dr Shaw Mead; Benthic Ecology*. Prepared for Kiwis Against Sand Mining inc. and Greenpeace, EPA Board of Enquiry Hearing, January 2017.

Mead, S. T., 2016. *Primary Statement of Evidence of Dr Shaw Mead; Biological and Physical Oceanography – MV Rena Consents*. Prepared for the Iwi Appellants, December 2016.

Mead, S. T., 2016. *Rebuttal Evidence of Dr Shaw Mead; Coastal Erosion, Sea Level Rise and Inundation of Jakkett's Island*. Prepared for the B and M Van Dyke Family Trust, High Court Hearing, December, 2016.

Mead, S. T., 2016. *Statement of Evidence of Dr Shaw Mead; Coastal Erosion, Sea Level Rise and Inundation of Jakkett's Island*. Prepared for the B and M Van Dyke Family Trust, High Court Hearing, October, 2016.

- Mead, S. T., 2016. *Expert Witness for Centre Port Channel Deepening (Coastal Processes and Surf Break Impacts)*. Prepared for Greater Wellington Regional Council, Environment Court Hearing, July 2016 (in progress).
- Mead S. T., 2016. *Pre and Post-Lodgement Reviews for the East-West Link (Coastal Processes and Numerical Modelling)*. Prepared for the EPA Board of Enquiry Hearing, July 2016 (in progress).
- Mead, S. T., 2015. *Statement of Evidence in Chief*. On behalf of Auckland Council, for impacts on coastal processes due to marina zone extensions for the Proposed Auckland Unitary Plan. Environment Court, December 2015
- Mead, S. T., 2015. *Statement of Evidence in Chief*. On behalf of Ngai Te Hapu of Motiti Island, for the resource consent application by the Astrolabe Community Trust to abandon the wreck of the MV Rena. Environment Court, July 2015.
- Mead, S. T., 2015. *Statement of Evidence in Chief*. Prepared for the Respondent, PBC and KCSRA in relation to and Application for Resource Consent – Coastal Permit – Beatrix Bay, Central Pelorus Sounds – Env-2014-env-Chc-34, March 2015
- Mead, S. T., and T. Haggitt, 2014. *Assessment of Waiwhakaiho Reef to Determine the Extent of the Disturbance After the MV Lake Triview Came into Contact with the Reef*. Prepared for P and I Ltd, November 2014.
- Mead, S. T., 2014. *Statement of Evidence in Chief of Dr Shaw Mead; Sea Level Rise and Inundation of Jackett's Island*. Prepared for the B and M Van Dyke Family Trust, Environment Court Hearing, November 2014.
- Mead, S. T., and D. Greer, 2014. *Assessment of the Sediment Plume Models Provided in the CRP Marine Consent Application*. Expert report on sediment plume modeling prepared for the NZ EPA, September 2014
- Mead, S. T., 2014. *Statement of Supplementary of Dr Shaw Mead; Potential Coastal Hazard Impacts on the Gallagher Properties*. Prepared for Duncan Cotterill Solicitors, July 2014.
- Mead, S. T., 2014. *Jackett's Island – Costing of Steps to Prevent Further Erosion of the Van Dyke property*. Expert Report prepared for the B and M Van Dyke Family Trust, High Court Hearing, July 2014.
- Mead, S. T., 2014. *Statement of Evidence in Chief of Dr Shaw Mead; Potential Coastal Hazard Impacts on the Gallagher Properties*. Prepared for Duncan Cotterill Solicitors, June 2014.
- Mead, S. T., 2014. *Review of Mr Davidson's and Mr Forrest's Evidence Dated 21st May 2014 with Regard to the Application for Resource Consent for a Coastal Permit in Beatrix Bay*. Expert report prepared for PBC and KCSRA in relation to and Application for Resource Consent – Coastal Permit – Beatrix Bay, Central Pelorus Sounds – U130797, May 2014
- Mead, S. T., and T. Haggitt, 2014. *Desktop Summary of Current Level of the Science and Understanding of the Cumulative Ecological Impacts of Mussel Farms Ring-Fencing Coastlines such as Beatrix Bay, Marlborough Sounds*. Expert report prepared for PBC and KCSRA in relation to and Application for Resource Consent – Coastal Permit – Beatrix Bay, Central Pelorus Sounds – U130797, May 2014
- Mead, S. T., and D. Greer, 2014. *Pre-Lodgement review of the application information in terms of the information principles under section 61 of the EEZ Act*. Prepared for the EPA in relation to CRP deepsea phosphate extraction, May 2014
- Mead, S. T., 2014. *Statement of Evidence in Chief of Dr Shaw Mead; Potential Impacts on Surfing Wave Quality Due to Seabed Mining*. Prepared for of Trans-Tasman Resources Ltd, EPA Hearing, January 2014.

- Mead, S. T., 2013. *Expert Witness Statement for the Environment Court for the Consideration of Long Term Solutions to Motueka Spit*. Prepared for the B and M Van Dyke Family Trust, Environment Court Hearing, August 2013.
- Mead, S. T., 2013. *Expert Witness Statement for the Resource Consent Hearing for resource consents in respect of applications to dispose of capital and maintenance dredge spoil nearshore in the vicinity of two Nationally Significant Surfing Breaks*. Prepared for the Surfbreak Protection Society, Resource Consent Hearing, May 2013.
- Mead, S. T., 2014. *Review of Evidence with Regard to the Application for Resource Consent for a Coastal Permit in Beatrix Bay*. Expert opinion prepared for Commissioner Kenderdine, May 2014.
- Mead, S. T., 2013. *Expert Witness Statement for the Environment Court in Opposition of an Application to Cancel the Existing Enforcement Order with regard to the Motueka Spit Deflector Groyne*. Prepared for the B and M Van Dyke Family Trust, Environment Court Hearing, January 2013.
- Mead, S. T., 2012. *Expert Witness Statement for the EPA Proceedings of Proposed NZ King Salmon Farms in the Marlborough Sounds – Benthic Impacts*. Prepared for SOS/NUC, EPA Hearing, July 2012.
- Mead, S. T., 2011. *Review of Application to Renew Resource Consent for the Disposal of Dredged Material at Aramoana Spit*. Expert Witness statement prepared for the NZ Surfbreak Protection Society, Resource Consent Hearing, September 2011.
- Mead, S. T., 2011. *Expert Witness Statement for the Proposed Bay of Plenty Coastal Policy Statement*. Prepared and presented for the NZ Surfbreak Protection Society, Regional Plan Submitters Hearing, September 2011.
- Mead, S. T., 2011. *Review of Pine Harbour Dredging Consents*. Environment Court Expert Witness report prepared for the Auckland Council, March 2011.
- Mead, S. T., 2010. *Supplementary Evidence for Environment Court – Port Motueka Spit*. Prepared for the Van Dyke Family Trust, Environment Court Hearing, September 2010.
- Mead S. T., 2010. *Rebuttal Evidence for Environment Court – Port Motueka Spit*. Prepared for the Van Dyke Family Trust, Environment Court Hearing, September 2010.
- Mead S. T., 2010. *Affidavit and Evidence for Environment Court – Port Motueka Spit*. Prepared for the Van Dyke Family Trust, Environment Court Hearing, September 2010.
- Mead, S.T., 2010. *Expert Evidence for Environment Court – Biological Impacts and Monitoring of Makara Estuary and the open cost for the Mill Creek Component of Project West Wind*. Environment Court Hearing, Prepared for Meridian Energy July, 2010
- Mead, S. T., 2010. *Evidence for Environment Court – Whangateau Harbour Flushing Capacity*. Prepared for the Omaha Park Ltd, Environment Court Hearing, February 2010.
- Mead S. T., J. C. Borrero and J. Frazerhurst, 2009. *Expert Review of Weather and Sea Conditions Leading up to the Grounding of the San Cuvier, 27th July 2008*. Prepared for Legal proceedings following the grounding, October 2009.
- Manning, M., R. Shand, J. Dahm and S. Mead, 2009. *Supporting material for the Caucus Statement by Expert Witnesses – Additional Considerations for 100 year Sealevel Rise Projections*. Prepared for the Environment Court, October 2009.
- Mead, S.T., 2009. *Rebuttal Evidence for Environment Court – Physical Processes for Planned Subdivision*. Prepared for Waikato District Council/Tomkins Wake Lawyers, Environment Court Hearing, October 2009.
- Mead, S.T., 2009. *Expert Evidence for Environment Court – Physical Processes for Planned Subdivision*. Prepared for Waikato District Council/Tomkins Wake Lawyers, Environment Court Hearing, August 2009.
- Mead, S.T., 2008. *Expert Evidence for Resource Consent Hearing – Physical Oceanographic Impacts of Causeway Reconstruction*. Prepared for Raglan Land Company Ltd, Resource Consent Hearing, June 2008.

- Mead, S. T., A. Bou and C. Bosserelle, 2007. *Coastal Hazards Assessment Review for a Subdivision at Port Waikato*. Prepared for Franklin District Council for Environment Court Decision, November 2007.
- Mead, S. T., 2006. *Expert Evidence for Environment Court – Physical and Biological Impacts of Proposed Dredging Expansion*. Prepared for Oruawharo Marae Trust, Environment Court Hearing, January 2006.
- Mead, S. T., Black, K. P., and S. de Vries, 2005. *Numerical Modelling of Port Gisborne and Statistical Analysis of Wave Data in Poverty Bay*. Report prepared for TT Club, c/- Langley Twigg Lawyers – Legal proceedings for the grounding of the Jody F Millennium, December 2005
- Mead, S. T., D. J. Phillips, K. P. Black and J. Frazerhurst, 2005. *Bay View Beach Nourishment Plan*. Prepared for Fore World Developments Ltd, Environment Court Hearing, August 2005.
- Longdill P., S. T. Mead and K. P. Black, 2005. *Swell and Tide Conditions at Port Gisborne Surrounding the Grounding of the Jody F Millennium*. Report prepared for TT Club, c/- Langley Twigg Lawyers – Legal proceedings for the grounding of the Jody F Millennium,, August 2005.
- Mead, S.T., 2005. *Expert Evidence for Environment Court – Physical and Biological Impacts of Jetty Construction for Project West Wind*. Prepared for Meridian Energy October, Environment Court Hearing, 2005
- Mead, S. T., 2005. *Expert Evidence on Ecological Impacts of Opunake MPR – Resource Consent Hearing*. Prepared for South Taranaki District Council, May 2005.
- Mead, S. T., and D. J. Phillips, 2004. *Expert Statement for Redvale Lime Quarry*. Prepared for Wainui Environmental Protection Society Inc, Environment Court Hearing, February, 2004.
- Mead, S. T., 2003. *Expert Evidence on Physical and Ecological Impacts of Lyall Bay MPR – Resource Consent Hearing*. Prepared for LBRCT, Resource Consent Hearing, July, 2003.
- S. T. Mead, 2002. *Supplementary Expert Evidence on the Biological Impacts of Additional Aquaculture Farms in Beatrix Bay*. Prepared for the Marlborough Sounds Trust, Environment Court Hearing, November, 2002
- S. T., Mead, 2002. *Expert Evidence on the Biological Impacts of Additional Aquaculture Farms in Beatrix Bay*. Prepared for the Marlborough Sounds Trust, Environment Court Hearing, October, 2002
- S. T., Mead, 2002. *Expert Evidence on Ecological Impacts of Oil/Gas platform/pipeline development at Pohokura – Resource Consent Hearing*. Prepared for Shell Todd Oil Services Ltd, September 2002.
- Mead, S. T., 2001. *Biological Impacts and Recovery Time of the Seabed Due to Dredging and Trawling – Supporting Expert Evidence Report for Environment Court*. Prepared for Kaipara Ltd, February 2001.
- McComb, P., B. Beamsley and S. T. Mead, 2000. *Telstra Saturn Aqualink Project: An Evaluation of the Route Survey Data and Fishing Activities*. Report prepared for Telstra Saturn Wellington for Environment Court, August 2000.

Research (Incomplete) – Note, many consulting projects incorporate components of research.

- Mead, S. T., E Atkin, R. Macintosh, S. O'Neill and N. Ducharneau. 2016-2018. *Development of an Inland Surfing Facility – Numerical and Physical Modelling*. Funded by Surf Generation and Callaghan Innovation.
- Atkin, E., S. T. Mead, K. Bryan. T. Hume, and J. Waiti, 2015-2018. *Remote Sensing, Classification and Management Guidelines for Surf Breaks of National and Regional Significance*. Funded by the Ministry Business, Innovation and Employment.
- Mead, S. T., T. Haggitt, D. J. Phillips and H. Dennis, 2015. *Ecological Enhancement of Marine Environments with the Use of Artificial Reef Structures: A Review*. Funded by UNITEC.
- Mead, S. T., E. Atkin and D. J. Phillips, 2011 – on-going. *Sediment Transport Investigations of a West Coast Beach - Repeated Bathymetry and Beach Surveys of Maori Bay for Morphological Modelling and Calibration*. Funded by UNITEC.

- Mead, S. T., E. Atkin and D. J. Phillips, 2011. *Development of Numerical Models to Assess Beach Protection Options for Whitianga Beach*. Funded by UNITEC, December 2011.
- Mead, S. T., E. Atkin and D. J. Phillips, 2011. *Preliminary Investigation of Offshore Focussing Reefs*. Funded by UNITEC, August 2011.
- Haggitt, T., and S. T. Mead, 2009 – on-going. *Clearance Experiments of the Kelp, Ecklonia Radiata, to Consider Recovery Rates for Management and Inclusion in the QMS*. 5-year project funded by AgriSea.
- Mead S. T., and Phillips, D. J., 2005-2006. *Measurement of a Large Ephemereal Sand-Bar Along the Raglan Points*. Funded by UNITEC.
- Mead, S. T., D. Johnson, and a large number of contributors from 2004-present (on-ongoing). *Development of a System to Download Images from the Internet, Rectify, Animate, Timestack, Curve-Fit and Present with Coincident Wave Data for Monitoring the Morphology of the Raglan Harbour Bar*. Funded by eCoast.
- Mead, S. T., 2005-present (ongoing). *Monitoring of the Harbour Entrance Left-Bank and Reference Site Seagrass Distribution of Raglan Harbour*. Non-funded.
- Black, K. P., S. T. Mead and A. Moores 2003-2007. *A Series of Research Projects (mostly physical modelling) Aimed at Developing Surf-Pools – Pool Shape, Pool Floor Configuration, Moveable Pool Floor, Wave Generators, and Wave-Dampening Systems*. Funded by NZTech and Surf Parks LLC (>\$2M over 5 years).
- Mead, S. T. and L. Harris, 2001-present (on-going). *Design and Monitoring of a Submerged Reef for Erosion Control at Oil Piers, Ventura County, California*. Funded by the U.S Army Corps of Engineers under the ERDC/WES Broad Agency Announcement (BAA): National Shoreline Erosion Control Development and Demonstration Program (Section 2038) Ventura County Demonstration Site. Supervision and involvement in more than 60 research projects funded by NZTech, Elco Solutions and internally, pertaining to the broad categories of:
- Numerical model development
 - Development of a calibrated tidal model of Raglan Harbour
 - Design and function of, and novel construction techniques for MPR's
 - Wave breaking dynamics (physical modelling)

Conference Papers (Incomplete)

- Mead, S. T., 2012. *Eco-Tourism, Renewable Energy and Infrastructure in the Pacific Islands*. New Zealand Fiji Business Council Conference, Nadi, 16-17 June, 2012
- Bosserelle, C.D., Black K.P., Mead S.T. and Harrison S.R. (2007). *Real-Time Wave and Tidal Modelling around New Zealand*, 2007 New Zealand Coastal Society (IPENZ) Conference. Tauranga, New Zealand, November 2007.
- Black, K. P., and S. T. Mead, 2006. *Evaluating numerical predictions of salient evolution: calibration against bathymetric monitoring of the Mount Maunganui Multi-purpose Reef*. 5th International Surfing Reef Symposium, Heaven on the Planet, Lombok, Indonesia, July 31-August 3, 2006.
- Mead, S. T., and K. P., Black, 2005. *Keynote Address: Balancing Coastal Protection with Social and Environmental Needs on Exposed Coasts*. The 3rd Western Australian Coastal Conference. Bunbury, West Australia, 16-18 November 2005
- Mead, S. T., D. J. Phillips and K. P. Black, 2004. *Multi-Purpose Reefs for Sustainable Coastal Management*. Proceedings of Littoral2004 Aberdeen, Scotland, UK 20-22 September 2004.
- Harris, L. E., G. Turk, and S. T. Mead, 2004. *Combined Recreational Amenities and Coastal Erosion Protection using Submerged Breakwaters for Shoreline Stabilization*. FSBPA National Conference on Beach Preservation, Orlando, Florida, February 11-13 2004.

Mead S. T., & K. P., Black, 2002. *Multi-Purpose Reefs Provide Multiple Benefits – Amalgamating Coastal Protection, High-Quality Surfing Breaks and Ecological Enhancement to Maximise User Benefits and Development Opportunities*. SASIC 2 - Second Surfing Arts, Science and Issues Conference. Holiday Inn, Ventura, California, USA, 9 November 2002

Mead, S., K. Black and J. Hutt 1998. *Surfing Reef Morphological Components Combine To Create World-Class Surfing Breaks*. 2nd Annual International Artificial Surfing Reef Symposium. San Diego. April, 1998.

Hutt J., K. Black and S. Mead, 1998. *Classification of the Degree of Surfing Difficulty for Artificial Reef Design*. 2nd Annual International Artificial Surfing Reef Symposium. San Diego. April, 1998.

Black, K., J. Hutt, S. Mead, A. Jackson, J. McGrath and E. Couriel, 1998. *Design of a Multi-Purpose Reef For Surf Riding, Sheltered swimming and Coastal Stability: Gold Coast, Australia*. 2nd Annual International Artificial Surfing Reef Symposium. San Diego. April, 1998.

Black, K.P., C.J. Andrews, M.O. Green, R.G. Gorman, T.R. Healy, T.M. Hume, J.A. Hutt, S.T. Mead and A.J. Sayce, 1997. *Wave Dynamics and Shoreline Response on and around Surfing Reefs*. 1st International Surfing Reef Symposium, Sydney, March, 1997.

Abstracts

S. T. Mead, D. Phillips and E Atkin, 2017. Surfer's Corner (Lyll Bay) Coastal Remediation Implementation and Amenity Rehabilitation. New Zealand Coastal Society (IPENZ) Conference, Tauranga, New Zealand, 15-17 November 2017.

Phillips, D., S. T. Mead, and M. Emery, 2017. Lyll Bay Coastal Remediation. New Zealand Coastal Society (IPENZ) Conference, Tauranga, New Zealand, 15-17 November 2017.

McIntosh, R., S. T. Mead, D. Greer and S. O'Neill, 2017. Upgrading the Goodman Fielder Poultry Processing Facility in the Rewa River catchment, Fiji and subsequent impacts on downstream water quality. New Zealand Coastal Society (IPENZ) Conference, Tauranga, New Zealand, 15-17 November 2017.

Jai A T Davies-Campbell¹, Karin R Bryan, Ed Atkin, Terry M Hume, Shaw Mead and Jordan Waiti, 2017. Protecting Surf Breaks of Regional and National Significance. New Zealand Coastal Society (IPENZ) Conference. Tauranga, New Zealand, November 2017.

Mead, S. T., 2014. Fiji's Largest Industry Depends on its' Beaches – How Are They Faring?. Fiji-New Zealand and New Zealand-Fiji Business Councils Annual Joint Conference, Suva, Fiji, 28 June 2014.

Mead, S. T., and E. Atkin, 2013. Development of a Coastal Adaptation Strategy in Northeastern New South Wales, Australia. New Zealand Climate Change Conference 2013, Palmerston North, 4-5 June, 2013.

Mead, S. T., and J. C. Borrero, 2013. An Overview of Multipurpose Reef Projects. 8th International Multi-Purpose Reef Symposium, Rincon, Puerto Rico, 20-22 February 2013.

Borrero, J. C., and S. T. Mead, 2013. Laboratory Studies of Surfability for the Design of a Multipurpose Reef in Borth, Wales. 8th International Multi-Purpose Reef Symposium, Rincon, Puerto Rico, 20-22 February 2013.

Mead, S. T., E. Atkin and D. Phillips, 2012. Design Optimization of Offshore Focusing MPR's. ASBPA 2012 National Coastal Conference. San Diego, October 2012.

Mead, S. T., 2012. Protecting the Nationally Significant Surfing Breaks in the NZCPS 2010. New Zealand Coastal Society (IPENZ) Conference. Auckland, New Zealand, November 2012.

Mead, S. T., 2011. *Multi-Purpose Reefs – a Decade of Application*. New Zealand Coastal Society (IPENZ) Conference. Nelson, New Zealand, 6-9 November, 2011.

- Mead, S. T., D. J. Phillips, and T. Haggitt, 2011. *Development of a GIS to Determine the Vulnerability of Regionally Significant Marine Receiving Environments to Land-Use Impacts*. New Zealand Coastal Society (IPENZ) Conference. Whitianga, New Zealand, 6-9 November, 2010.
- Mead, S. T., 2010. *Keynote Address: Coastal Protection - Benefits of Multi-Purpose Reefs*. Australasian Young Planners Conference VPConnect 2010. Christ Church, New Zealand, 19-20 April 2010.
- Mead, S. T., 2010. *Keynote Address: Science, Models and Reality – Future Directions for Multi-Purpose Reefs*. 7th International Multi-Purpose Artificial Surfing Reef Symposium, Bondi Beach, Sydney, Australia, 19th March 2010.
- Mead, S. T., 2007. *Keynote Address: Dune Restoration in Association with the Surf Reef Program*. Inaugural Conference of The Dune Restoration Trust of New Zealand. Tauranga, New Zealand, 13-17 February, 2007.
- Black, K. P., and S. T. Mead, 2006. *Evaluating numerical predictions of salient evolution: calibration against bathymetric monitoring of the Mount Maunganui Multi-Purpose Reef*. New Zealand Coastal Society (IPENZ) Conference. Kaikoura, New Zealand, 15-17 November, 2006.
- Mead, S. T., and K. Black, 2005. *Coastal Protection on Exposed Coasts: Selecting the Appropriate Solution*. New Zealand Coastal Society (IPENZ) Conference. Tutukaka, New Zealand, 12-14 October 2005
- Longdill, P., K. P. Black S. T. Mead, T. R. Healy and S. Park, 2005. *The Bay of Plenty Benthic Environment: Preliminary Investigations for the Zoning of Aquaculture Management Areas*. New Zealand Marine Science Conference, Victoria University, Wellington, New Zealand, August 23-26 2005.
- Black, K. P., and S. T. Mead, 2005. *Recent Advances in Predicting the Shoreline Response of Coastal Structures: Using Field Data and Numerical Models for Site-Specific Erosion Control*. International Coastal Engineering conference, 2005.
- Mead, S. T., 2003. *Multiple-Use Options for Coastal Structures: Unifying Amenity, Coastal Protection and Marine Ecology*. The 2nd Western Australian Coastal Conference. Geraldton, West Australia, 20-21 November 2003.
- Mead, S. T., 2002. *Wave Rotation for Coastal Protection*. New Zealand Marine Science Conference, Rutherford Hotel, Nelson, New Zealand, September 2-4 2002
- Mead, S. T., K. P. Black, H. G. Rennie & R. Makgill, 2000. *Assessment of Environmental Effects for a Multi-Purpose Offshore Reef*. New Zealand Marine Science Society Annual Conference. University of Waikato, Hamilton, August 2000.
- Mead, S. T. and K. P. Black, 1999. *Configuration of Large-Scale Reef Components at a World-Class Surfing Break: Bingin Reef, Bali, Indonesia*. New Zealand Marine Science Society Annual Conference. Victoria University, Wellington, September 1999.
- Hutt, J.; K. Black and S. Mead, 1998. *A New Classification Scheme For Artificial Surfing Reefs*. Australasian Botany Society/New Zealand Marine Science Society Annual Conference. University of Otago, 9-11 July, 1998.
- Mead, S.; Black, K. and Hutt, J. (1998) *Correct combinations of large-scale intra-reef components produce worldclass surfing breaks*. Joint NZ Marine Sciences Society and Australasian Society for Phycology and Aquatic Botany, University of Otago, Dunedin; 8-11 July 1998.
- Mead, S., and K. Black, 1998. *Correct Combinations of Large-Scale intra-reef Components Produce World-Class Surfing Breaks*. New Zealand Marine Science Society Annual Conference. University of Otago, July, 1998.
- Mead, S., K. Black, M. Green, T. Hume, J. Hutt and A. Sayce 1997. *High Seabed Gradients and Low Peel Angles Produce World-class Surfing Breaks*. New Zealand Marine Science Society Annual Conference. University of Auckland, 8-11 July, 1997.

Mead, S., K. Black, M. Green, T. Hume, C. Andrews, J. Hutt and A. Sayce 1996. *The Artificial Reefs Program – a Brief Overview*. New Zealand Marine Science Society Annual Conference. University of Canterbury, Christ Church, Aug 28-30, 1996.

Mead, S.T. 1995. *Fertilization Experiments with Kina (Evechinus Chloroticus)*. New Zealand Marine Science Society Annual Conference. Victoria University, Wellington, Aug 30 - Sep 1, 1995.

Technical Reports (incomplete)

2018

Mead, S. T., and J. Davies-Campbell, and 2018. *Krill Sustainability and Certification Schemes*. Prepared for Healthpost, October 2018.

Davies-Campbell, J., and S. T. Mead, 2018. *GMO: Risks to the Marine Environment*. Prepared for GE Free Taitokerau, October 2018.

Greer, D., and S. T. Mead, 2018. *Wairoa WTP Outfall: 3D Hydrodynamic Numerical Modelling*. Prepared for Wairoa District Council, September 2018.

Borrero, J.C., and S. T. Mead, 2018. *2018 Review of Water Levels on Lake Taupo and Implications on Foreshore Erosion*. Prepared for Waikato Regional Council, September 2018.

Mead, S. T., 2018. *Revetment Construction for Northern Vomo Island*. Prepared for Vomo Island Resort, September 2018.

Mead, S. T., 2018. *Rangitahi Bridge Environmental Monitoring 4th 3-Monthly Report -Marine Ecology*. Prepared for Fulton Hogan Ltd, August 2018.

Mead, S. T., 2018. *Rangitahi Bridge Environmental Monitoring Programme – 3-Month Construction Seagrass Survey 31 July 2018*. Prepared for Raglan Land Company, August 2018.

Mead, S. T., 2018. *Coastal (Physical and Biological) Assessment of Environmental Effects for the Construction of Stilling Wells in Raglan Harbour: Rangitahi Precincts B & D*. Prepared for Raglan Land Company, August 2018.

Mead, S. T., 2018. *Review of Update on the Weiti Development and Wider Catchment Issues*. Prepared for the Long Bay Okura Great Park Society, August 2018.

Mead, S. T., and J. Davies-Campbell, 2018. *Assessment of Environment Effects of the Extraction of Beach Cast Seaweed (Wrack) for the Agar Production*. Prepared for New Zealand Seaweeds, August 2018.

Davies-Campbell, J., and S. T. Mead, 2018. *Nawi Island Marine ‘Living Revetment’ – Internal Review*. Prepared for Nawi Island Ltd, August 2018

Mead, S. T., and S. O’Neill, 2018. *Nawi Island Marina Entrance Channel Investigations – Sediment Depth Probing, High-Resolution Bathymetry Survey and Video Survey*. Prepared for Nawi Island Ltd, July 2018.

Mead, S. T., J. Davies-Campbell, and D. Phillips, 2018. *Independent Review of Weiti Development’s Resource Consents and Sediment Discharge to Karepiro Bay*. Prepared for Long Bay Okura Great Park Society, July 2018.

Mead, S. T., T. Haggitt, W. Mead and S. O’Neill, 2018. *Assessment of effects of Wairoa District Council’s intertidal sewage discharge on benthic sediment characteristics and ecology – Wairoa Estuary*. Prepared for Wairoa District Council, June 2018.

Mead, S. T., and S. O’Neill, 2018. *Coastal Assessment for Bau Landing Jetty Repairs*. Prepared for RPA Group (Fiji) Ltd, June 2018.

Mead, S. T., 2018. *Independent Peer-Review of Nawi Island Super-Yacht Marina Depths and Re-Design Options*. Prepared for Nawi Island Ltd, June 2018.

Mead, S. T., 2018. *Tendering Package for Coastal Protection Works in Western Tongatapu*. Prepared for MEIDECC, June 2018.

- Mead, S. T., 2018. *Design and Cost Estimates for Coastal Protection Works in Western Tongatapu*. Prepared for MEIDECC, June 2018.
- Mead, S. T., and T. Haggitt, 2018. *Rangitahi Bridge Environmental Monitoring 3rd 3-Monthly Report – Marine Ecology*. Prepared for Fulton Hogan Ltd, May 2018.
- Mead, S. T., and E. Atkin, 2018. *Waikato River Bathymetry Survey*. Prepared for BBO, May 2018
- Mead, S. T., 2018. *Rangitahi Bridge Environmental Monitoring Programme – 3-Month Construction Seagrass Survey 2 April 2018*. Prepared for Raglan Land Company, May 2018.
- Mead, S. T., 2018. *Manu Bay Breakwater – Independent Peer-Review*. Prepared for Collaborative Solutions, May 2018.
- Mead, S. T., 2018. *Beachfront Restoration and a Buried Revetment for the Erosion Hotspot at First Landing*. Prepared for First Landing Beach Resort and Villas, April 2018.
- Mead, S. T., 2018. *Marine Ecological Assessment for the Proposed Goodare Road Stormwater Outlet Upgrade, Raglan*. Prepared for Rangitahi Ltd, April 2018.
- Mead S. T., E. Atkin, D. Greer and S. O'Neill, 2018. *Coastal Processes Assessment for Malolo Island Resort*. Prepared for Freesoul Real Estate, April 2018.
- Mead, S. T., 2018. *Stage 1: Peer Review of Estuary/Ocean Receiving Environment Report A311b*. Prepared for Lowe Impact Assessment/Wairoa District Council, April 2018.
- Mead, S. T., 2018. *Coastal Processes Assessment for Tramco's Alternative America's Cup 36 Base Sites*. Prepared for Babbage Consultants Limited, March 2018.
- Mead, S. T., 2018. *Dredging Impacts in Front of Beach Front Villas*. Prepared for First Landing Beach Resort and Villas, March 2018.
- Mead, S. T., 2018. *Partial Removal of Opotoru Causeway and Habitat/Hydrodynamic Rehabilitation*. Prepared for Fulton Hogan Ltd, March 2018.
- Mead, S. T., 2018. *Rangitahi Bridge – Scour Protection Review*. Prepared for Fulton Hogan Ltd, March 2018
- Mead, S. T., 2018. *Mitigation of Environmental Impacts Should Foreshore Works Stop Before Completion*. Prepared for Barstock Developments, First Landing, Fiji, March 2018.
- Mead, S. T., and T. Haggitt, 2018. *Rangitahi Bridge Environmental Monitoring 2nd 3-Monthly Report – Marine Ecology*. Prepared for Fulton Hogan Ltd, February 2018.
- Mead, S. T., 2017. *Rangitahi Bridge Environmental Monitoring Programme – 3-Month Construction Seagrass Survey 2 January 2018*. Prepared for Raglan Land Company, February 2018.
- Mead, S. T., 2018. *Coastal Processes Addendum to the Seashell Cove at Momi Bay EIA: Overwater Bures*. Prepared for Pandey Hotel Momi Ltd, February 2018.
- Mead S. T., E. Atkin, and S. O'Neill, 2018. *Preliminary Coastal Processes Assessment for Malolo Island Resort*. Prepared for Freesoul Real Estate, February 2018.
- Mead, S. T., 2018. *Tender document package for Coastal Protection Works in Western Tongatapu*. Prepared for GIZ, January 2018.
- 2017**
- Mead, S. T., and E. Atkin, 2017. *Temaiku Marine and Freshwater Environmental Surveys: Kiribati Climate Change Adaptation Strategy*. Prepared for Jacobs/MFaT, December 2017.
- Mead, S. T., 2017. *Coastal (Physical and Biological) Assessment of Environmental Effects for the Construction of Stilling Wells in Raglan Harbour*. Prepared for Harrison and Grierson, December 2017
- Mead, S. T., and S. O'Neill, 2017. *Vomo Island Coastal Erosion Investigation*. Prepared for Vomo Island Fiji, December 2017.
- Mead, S. T., and S. O'Neill, 2017. *Coastal Processes Assessment for 10 Scott Road Subdivision, Hobsonville*. Prepared for CPMC, December 2017.

- Mead, S. T., 2017. *Denarau Island Beach Management Strategy Environmental Impacts Assessment*. Prepared for Denarau Corporation Ltd, November 2017.
- Mead, S. T., 2017. *Back-Stop Revetment for the Erosion Hot-Spot at First Landing*. Prepared for First Landing Beach Resort and Villas, October 2017.
- Mead, S. T., 2017. *Marine Management/Monitoring of Stormwater Discharge During Earthworks at Precinct A, Rangitahi*. Prepared for Harrison and Grierson, October 2017.
- Mead, S. T., 2017. *Review of Coastal Engineering Design Report and Ecology and Water Quality Assessment for the Proposed Kennedy Point Marina*. Prepared for SKP Inc., October 2017.
- Mead, S. T., 2017. *Comparative Assessment of Likely Effects Between the Consented Vertical Wall Concept, and the Full Height Rock Revetment (Coastal Processes, Beach Levels, Beach Amenity and Ecology)*. Prepared for Kapiti Coast District Council, October 2017.
- Mead, S. T., and T. Haggitt, 2017. *Rangitahi Bridge Environmental Monitoring 1st 3-Monthly Report – Marine Ecology*. Prepared for Raglan Land Company, October 2017.
- Mead, S. T., 2017. *Rangitahi Bridge Environmental Monitoring Programme – 3-Month Construction Seagrass Survey 1 October 2017*. Prepared for Raglan Land Company, October 2017.
- Mead, S. T., 2017. *South Pacific Marine Ltd Shipyard and Dry Storage Site: Environmental Impact Assessment*. Prepared for South Pacific Marine Ltd, October 2017.
- O'Neill, S., R. McIntosh, J. C. Borrero and S. T. Mead, 2017. *Hydrodynamic Modelling of Northland CFHZ's*. Prepared for Northland Regional Council, October 2017.
- Phillips, D. J., and S. T. Mead, 2017. *Rangitahi Bridge Stormwater and Sediment Management Plan*. Prepared for Raglan Land Company, October 2017.
- McIntosh, R. S. T. Mead, D. Greer and S. O'Neill, 2017. *Hydrological Assessment for Goodman Fielder's Proposed Poultry Processing WWT Plant in Coloisuva*. Prepared for Goodman Fielder, September 2017.
- Mead, S. T., 2017. *Environmental Impacts of Replacing the Wooden Bridge with Steel Culverts, Placement of 2.4 Tonne Concrete Blocks and Water Main, and Associated Vehicle Use in the CMA at the Rangitahi Bridge and Causeway Site, Raglan*. Prepared for Fulton Hogan, September 2017.
- Atkin, E., S. T. Mead and S. O'Neill, 2017. *RTK Bathymetry Survey of the Lower Wairoa River*. Prepared for BBO, September 2017.
- Atkin, E., S. T. Mead, D. Greer and S. O'Neill, 2017. *Denis Island (Seychelles) Coastal Management Options*. Prepared for Denis Private Island Ltd, August 2017
- Mead, S. T., and T. Haggitt, 2017. *Rangitahi Environmental Monitoring Pre-Construction – Marine Ecology Survey*. Prepared for Raglan Land Company/Fulton Hogan, August 2017.
- Mead, S. T., 2017. *Navigation Channel and Trot-Mooring Positioning for Nawi Island Super-Yacht Marina*. Prepared for Nawi Island Limited, August 2017.
- Mead, S. T., 2017. *Review and geotechnical recommendations for the suitability of riprap and provide guidance on riprap specifications for Surfer's Corner, Lyall Bay, Wellington*. Prepared for AECOM, August 2017.
- Mead, S. T., 2017. *Nawi Island temporary road Environmental Management Plan (EMP)*. Prepared for Nawi Island Limited, August 2017.
- Mead, S. T., 2017. *Assessment of environmental effects: Walter Peak Station docking facility modifications*. Prepared for the Warburton Group, July 2017.
- Mead, S. T., 2017. *Review of the Raglan Sport Fishing Club's (RSFC) Submission to the Waikato District Council (WDC)*. Prepared for Bloxam Burnett & Olliver, July 2017.
- Atkin, E., S. T. Mead, A. Moores and N. Ducharmeux. 2017. *SurfGen Physical Modelling Data Overview: 7 July 2017*. Report prepared for Surf Generation.
- Mead, S. T., 2017. *Ensuring a beach in front of Lot 48 at Naisoso Island*. Prepared for Naisoso Island Body Corporate, June 2017

- Mead, S. T., 2017. *Coastal Engineering Review of Modified Walter Peak Marina*. Prepared for the Warburton Group, June 2017.
- Mead, S. T., 2017. *Blue Lagoon Beach Remediation – Venturi Pump System*. Prepared for Blue Lagoon Beach Resort, June 2017.
- Mead, S. T., and S. O'Neill, 2017. *Whakatane Offshore Dredging Disposal Investigation*. Prepared for Harrison Greirson, May 2017.
- Mead, S. T., E Atkin, R. Macintosh, S. O'Neill and N. Ducharneau. 2017. *SurfGen Physical Modelling Progress Summary: 8 April 2017*. Report prepared for Surf Generation.
- Mead, S. T., and D. Greer, 2017. *Silver Fern Farms Outfall – AEE Expert Review*. Prepared for Environment Canterbury, April 2017.
- Mead., S. T., and D. Greer, 2017. *Denarau Road Residential Canal Development: Coastal Processes and Hazards Report*. Prepared for EMEI Ltd, April 2017.
- Mead, S. T., and E. Atkin, 2017. *Review of MetOcean Surfing Impact Report for Lyttleton Port Dredge Disposal: Existing and post sediment disposal nearshore wave dynamics and potential effects on inshore surfing conditions*. Prepared for the Surfbreak Protection Society, April 2017.
- Mead, S. T., 2017. *Rangitahi Bridge Environmental Monitoring Programme – Baseline Seagrass Survey 31 March 2017*. Prepared for Raglan Land Company, April 2017.
- Mead, S. T., and D. Greer, 2017. *Rangitahi Bridge Hydrodynamic Modelling and Bridge Scour Assessment*. Prepared for Raglan Land Company, March 2017.
- Mead, S. T., 2017. *Environmental Bond for the Nawi Island Temporary Access Road*. Prepared for Nawi Island Ltd, March 2017.
- Mead., S. T., and S. O'Neill, 2017. *Naisoso Island: Marina Reclamation Survey, Terminal Groyne Design and Stabilizing of a Hotel Vessel*. Prepared for Relcorp, March 2017.
- Mead., S. T., 2017. *Erosion Assessment of Naisoso Beach to the South of Lots 50-52*. Prepared for Relcorp, March 2017.
- Mead., S. T., 2017. *Preliminary Coastal Process Assessments for 2 Eroding Beaches in the Yasawa Islands, Fiji*. Prepared for Blue Lagoon Resorts, February 2017.
- Mead, S. T., 2017. *Rebuttal Evidence of Dr Shaw Mead; Benthic Ecology*. Prepared for Kiwis Against Sand Mining inc. and Greenpeace, EPA Board of Enquiry Hearing, February 2017.
- Mead, S. T., and T. Haggitt, 2017. *Rangitahi Environmental Monitoring Programme – Marine Ecology*. Prepared for Raglan Land Company, February 2017.
- Mead, S. T., 2017. *Statement of Evidence of Dr Shaw Mead; Benthic Ecology*. Prepared for Kiwis Against Sand Mining inc. and Greenpeace, EPA Board of Enquiry Hearing, January 2017.
- Mead, S. T., and D. Greer, 2017. *Coastal Engineering Review of Two Existing Marinas in Lake Wakatipu*. Prepared for the Warburton Group, January 2017.

2016

- Atkin, E. A., S. T. Mead, T. Haggitt and R. Pollock, 2016. *Nearshore Survey of Mangawhai Beach for Optic Fibre Cable Crossing*. Surveys undertaken for EGS, December 2016.
- Atkin, E. A., K. Bryan, T. Hume, S. Mead and J. Waiti, 2016. *Remote Sensing, Classification and Management Guidelines for Surf Breaks of National and Regional Significance: Initial Characterisation Studies*. Prepared for the Ministry of Business, Innovation and Employment, December 2016.
- Mead, S. T., and D. Greer, 2016. *Savusavu Wharf Wave Modelling*. Prepared for Fijian Roads Authority, November 2016.
- Mead, S. T., 2016. *Initial Numerical Modelling of a 300 m diameter, 16-Break Surfing Lagoon*. Prepared for P. Grantham, December 2016.
- Mead, S. T., 2016. *South Pacific Marine Ltd Shipyard and Dry Storage Site: Environmental Management Plan*. Prepared for South Pacific Marine Ltd, November 2016.

- Mead, S. T., 2016. *Methodology Review of the DHI Eastbourne Surf Break Impact Assessment*. Prepared for Greater Wellington Regional Council, November 2016.
- Mead, S. T., and E. Atkin, 2016. *Proposed Nawi Island Temporary Access Road: Environmental Impact Assessment*. Prepared for Nawi Island Ltd Fiji, November 2016.
- Atkin, E., K. R., Bryan, T. Hume, S. T. Mead and J. Waiti. *Remote Sensing, Classification and Management Guidelines for Surf Breaks of National and Regional Significance: Initial Characterisation of Study Sites*. Prepared as part of the Ministry of Business, Innovation and Employment Research project, November 2016
- Borrero, J. C., E. Atkin, D. Greer, S. O'Neill and S. T., Mead. *Coastal Processes Study: North East Point, Mahé Island, Seychelles Mahé Island, Seychelles*. Prepared for the UNDP, November 2016.
- Mead, S. T., 2016. *Coastal Engineering – the Denarau Situation in Comparison to Naisoso*. Prepared for Relcorp (Fiji) Ltd, October 2016
- Mead, S. T., and S. O'Neill, 2016. *Aqualink Cable Burial: Cable Stability Assessment – New Plymouth to Raglan*. Prepared for Vodafone NZ, October 2016.
- Mead, S. T., and S. O'Neill, 2016. *Aqualink Cable Burial: Cable Stability Assessment – Titahi Bay to Whanganui*. Prepared for Vodafone NZ, October 2016.
- Mead, S. T., and S. O'Neill, 2016. *Aqualink Cable Burial: Cable Stability Assessment – Wellington to Christchurch*. Prepared for Vodafone NZ, October 2016.
- Mead, S. T., S. O'Neill and E. Atkin, 2016. *Seabed Stability, Bedforms and Seabed Penetration off the New Zealand Coastline*. Prepared for Vodafone NZ, September 2016
- Mead, S. T., and S. O'Neill, 2016. *Aqualink Cable Burial: Monitoring Summary and Updated Fishing Activity Assessment*. Prepared for Vodafone NZ, September 2016
- Mead, S. T., E. Atkin and S. O'Neill, 2016. *Coastal Processes and Design Studies for the First Landing Marina Development*. Prepared for Barstock Developments, September 2016.
- Mead, S. T., 2016. *Coastal Processes for Ranadi Plantation*. Prepared for Ranadi Plantation, August 2016.
- Mead, S. T., and S. O'Neill, 2016. *Coastal Processes Assessment for Scott Point Subdivision, Hobsonville*. Prepared for Chester Consultants, August 2016.
- Mead, S. T., and S. O'Neill, 2016. *Review of Coastal Processes and Revetment Options at Raumati Beach*. Prepared for Kapiti Coast District Council, August 2016.
- Mead, S. T., and S. O'Neill, 2016. *Wailoaloa Beach Remediation*. Prepared for Wailoaloa Developments Ltd, August 2016
- Atkin, E., S. T. Mead, J. C. Borrero, D. J. Phillips and S. O'Neill, 2016. *Development of the Castlecliff Coastal Management Strategy*. Prepared for Whanganui District Council, July 2016.
- Mead, S. T., and S. O'Neill, 2016. *Coastal Processes Assessment for Island Bay*. Prepared for Urban Solutions, July 2016.
- Atkin, E., Mead, S. T., and S. O'Neill, 2016. *Denis Island Coastal Processes Assessment*. Report for Denis Private Island Ltd, June 2016.
- Mead, S. T., and E. Atkin, 2016. *Coastal Processes Studies for Plantation Island Resort*. Report for Raffe Hotels and Resort, June 2016.
- Mead, S. T., 2016. *Coastal Processes and Design Studies for The Uprising Beach Resort*. Report for The Uprising Beach Resort, June 2016.
- Mead, S. T., and D. J. Phillips, 2016. *Lyll Bay, Wellington: Coastal Remediation*. Prepared for Wellington City Council, June 2016.
- Mead, S. T., and E. Atkin, 2016. *Coastal Processes and Design Studies for the Nawi Island Drydock*. Report for Nawi Island Ltd, May 2016.

- Mead, S. T., 2016. *Summary report for the Proposed Plantation Island Beach Front Development*. Prepared for Raffe Hotel and Resorts, April, 2016.
- Mead, S. T., 2016. *Cut and Fill Volumes for for the Proposed Plantation Island Beach Front Development*. Prepared for Raffe Hotel and Resorts, April, 2016.
- Borrero, J. C., S. T. Mead, M. Clarke, R. Klaus and S. Persand, 2016. *Coastal Adaptation Measures for Rivière des Galets, Republic of Mauritius: Final Design Report*. Prepared for the UNDP, April 2016.
- Mead, S. T., 2016. *Coastal Processes Studies for the Redevelopment of Seashell Cove at Momi Bay*. Prepared for Pandey Hotel Momi Ltd, March 2016.
- Mead, S. T., and S. O'Neill, 2016. *Coastal Hazard Assessment at Namuka Bay*. Prepared for Lyndhurst Fiji Ltd, March 2016.
- Mead, S. T., T. and Haggitt, 2016. *Manukau Harbour and Firth of Thames Future Port Options*. Prepared for the Consensus Working Group (Auckland Council) within the Ernst and Young Consortium, March 2016.
- Mead, S. T., 2016. *Assessment of the Proposed Nawi Island Welcome Jetty*. Prepared for Nawi Island Ltd, March 2016.
- Mead, S. T., T. Haggitt and D. J. Phillips, 2016. *Future Ports Study: Port of Auckland – Marine Environmental Impacts and Implications*. Prepared for the Consensus Working Group (Auckland Council) within the Ernst and Young Consortium, February 2016.
- Atkin, E., and S. T. Mead, 2016. *Diver Survey of the 3.5 km Nearshore Stretch of the TGA Fibre Optic Cable*. Undertaken for MCC, February 2016.
- Atkin, E., D. Greer, S. T. Mead, T. Haggitt and S. O'Neill, 2016. *Hydrodynamic Modelling and Residence Times of the Waikato West Coast: Fieldwork and Data Collection*. Report prepared for Waikato Regional Council, January 2016.
- Mead, S. T., and E. Atkin, 2016. *Coastal Processes and Design Studies for Tropica Island Resort*. Prepared for Tropica Island Resort, Fiji, January 2016.
- 2015**
- Mead, S. T., and S. O'Neill, 2015. *Review of Coastal Processes Assessments at Paekakariki Beach*. Prepared for Kapiti Coast District Council, December 2015.
- Mead, S. T., 2015. *Review of the Palm Beach Shoreline Project*. Prepared for Royal Haskoning Australia, December 2015.
- Mead, S. T., and S. O'Neill, 2015. *Coastal Hazard Assessment for Port Underwood Farm Subdivision*. Prepared for Underwood Farm Ltd, December 2015.
- Mead, S. T., and T. Haggitt, 2015. *Makara Estuary Monitoring: Post-Construction Phase Surveys, Spring 2015*. Report prepared for Meridian Energy Ltd, November 2015.
- Mead, S. T., D. Greer and E. Atkin, 2015. *Coastal Processes and Design Studies for the Nawi Island Development*. Report prepared for Nawi Island Ltd, Fiji, October 2015.
- Mead, S. T., 2015. *Potential Surfing Amenity Impacts Due to the Proposed Wellington International Airport Extension*. Prepared for the Wellington Boardriders Association, October, 2015
- Mead S. T., 2015. *Assessment of Beach Stability – Ngarunui Beach*. Report prepared for Vodafone New Zealand, September 2015.
- Mead, S. T., and D. Greer, 2015. *Dam Water Aeration/Circulation Optimization – Lower Nihotupu Dam*. Prepared for Watercare Services Ltd, August 2015.
- Mead, S. T., 2015. *Vunabaka Beach Monitoring*. Prepared for Vunabaka Island Fiji Ltd, August 2015
- Haggitt T. and S. T., Mead, 2015. *Te Whanganui a Hei Marine Reserve Reef Fish Monitoring Programme*. Prepared for the Department of Conservation Waikato Conservancy, August 2015.
- Mead, S. T., 2015. *Naisoso Island Scope of Works and Drawings for Lots 50-51*. Prepared for Naisoso Island Body Corporate, July 2015.

- Mead, S. T., and T. Haggitt, 2015. *Makara Estuary Monitoring: Post-Construction Phase Surveys, Autumn 2015*. Report prepared for Meridian Energy Ltd, July 2015.
- Mead, S. T., 2015. *The State of the Beaches Before and After Construction of Two Coastal Erosion Options for Eastern Tongatapu, Tonga*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), July 2015.
- Mead, S. T., 2015. *Progress Report 4 – Implementation of Coastal Protection Measures in Eastern Tongatapu*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), July 2015.
- Mead, S. T., and D. Greer, 2015. *Extreme Wave Events at the Rena*. Report prepared for Jacobs, July 2015.
- Mead, S. T., and S. O'Neill, 2015. *Aqualink Cable Burial: Assessment of Existing Information*. Prepared for Vodafone New Zealand, June 2015.
- Mead, S. T., S. O'Neill, E. Atkin and H. Dennis, 2015. *Physical and Biological Processes and Impacts: The Tasman Global Access (TGA) Fibre-Optic Cable*. Prepared for Vodafone New Zealand, June 2015.
- Mead, S. T., 2015. *Naisoso Island Beach Management*. Prepared for Naisoso Island Body Corporate, May 2015.
- Mead, S. T., 2015. *Technical Review of Middleton Beach Artificial Surfing Reef Feasibility Study*. Prepared for Royal Haskoning, May 2015
- Mead, S. T., T. Haggitt, and H. Dennis, 2015. *First Order Marine Ecological Assessment Te awa o Whatapaka*. Prepared for Ngati Tamaoho Trust, May 2015.
- Mead, S. T., 2015. *Technical Review of Lyall Bay Surfing Break Impacts due to the Wellington Airport Extension*. Prepared for SPS and WBR, May 2015.
- Mead, S. T., 2015. *Peer-Review of Design/Calculations and Long-Term Impact Assessment on the Surf Break for the Proposed Manu Bay Boat Ramp Breakwater*. Prepared for Bloxam Burnett & Olliver, April 2015.
- Mead, S. T., 2015. *Westin Groyne – Construction Environment Management Plan (CEMP)*. EIA preparation for the Denarau Corporation Ltd, April 2015.
- Borrero, J. C., S. T. Mead, M. Clarke, R. Klaus and S. Persand, 2015. *Coastal Adaptation Measures for Rivière des Galets, Republic of Mauritius: Options for Adaptation*. Prepared for the UNDP, March 2015.
- Borrero, J. C., S. T. Mead, M. Clarke, R. Klaus and S. Persand, 2015. *Coastal Adaptation Measures for Mon Choisy Beach, Republic of Mauritius: Options for Adaptation*. Prepared for the UNDP, March 2015.
- Borrero, J. C., S. T. Mead, M. Clarke, R. Klaus and S. Persand, 2015. *Coastal Adaptation Measures for Rivière des Galets, Republic of Mauritius: Detailed Technical Assessment*. Prepared for the UNDP, March 2015.
- Borrero, J. C., S. T. Mead, M. Clarke, R. Klaus and S. Persand, 2015. *Coastal Adaptation Measures for Mon Choisy Beach, Republic of Mauritius: Detailed Technical Assessment*. Prepared for the UNDP, March 2015.
- Clarke, M., Borrero, J.C., Mead, S.T., Klaus, R. and Persand, S., 2015. *An Economic Valuation and Cost Benefit Analysis of Adaptation and Enhanced Ecosystem Resilience for Mon Choisy Beach*. Prepared for Ministry of Environment, Sustainable Development, Disaster and Beach Management, March 2015
- Clarke, M., Borrero, J.C., Mead, S.T., Klaus, R. and Persand, S., 2015. *Cost Benefit Analysis for Adapting to Sea Level Rise: Protection or Managed Retreat in Rivière des Galets*. Prepared for Ministry of Environment, Sustainable Development, Disaster and Beach Management, March 2015

Mead, S. T., 2015. *Progress Report 3 – Implementation of Coastal Protection Measures in Eastern Tongatapu*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), February 2015.

2014

Mead, S. T., and E. Atkin, 2014. *Field Data Collection for the Nawi Island Development*. Report prepared for Nawi Island Ltd, Fiji, December 2014.

Mead, S. T., 2014. *Progress Report 2 – Implementation of Coastal Protection Measures in Eastern Tongatapu*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), December 2014.

Mead, S. T., and E. Atkin, 2014. *Baseline Coastal and Oceanographic Study for the Upgrade of the Existing Savusavu Jetty*. Report prepared for Fiji Roads Authority, December 2014

Atkin, E., M. Gunson and S. T. Mead, 2014. *Regionally Significant Surf Breaks in the Greater Wellington Region*. Report prepared for the Greater Wellington Regional Council, December 2014.

Mead, S. T., and T. Haggitt, 2014. *Makara Estuary Monitoring: Construction-Phase Surveys, Spring 2014*. Report prepared for Meridian Energy Ltd, November 2014.

Mead, S. T., and T. Haggitt, 2014. *Assessment of Waiwhakaiho Reef to Determine the Extent of the Disturbance After the MV Lake Triview Came into Contact with the Reef*. Prepared for P and I Ltd, November 2014.

Mead, S. T., 2014. *Progress Report 1 – Implementation of Coastal Protection Measures in Eastern Tongatapu*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), October 2014.

Mead, S. T., 2014. *South Sea Island Sea Wall – Pilot Study: Design and Costing*. Prepared for South Sea Island Cruises, October 2014

Mead, S. T., and E. Atkin, 2014. *Wooli Coast-Cams Image Analysis (March 2013 – July 2014)*. Prepared for CCPA Wooli Inc., September 2014.

Borrero, J. C., S. T. Mead, M. Clarke, R. Klaus and S. Persand, 2015. *Coastal Adaptation Measures for Mon Choisy Beach and Rivière des Galets, Republic of Mauritius: Options for Adaptation. Project Inception Report*. Prepared for the Mauritius Ministry of the Environment and Sustainable Development, September 2014.

Mead, S. T., and E. Atkin, 2014. *Denarau Island Beach Management Assessment*. Report prepared for Denarau Corporation Limited, August 2014.

Mead, S. T., and E. Atkin, 2014. *Pilotin Island (Vanuatu) Marina Design*. Report prepared for Vincent Robert Markus, August 2014.

Mead, S. T., 2014. *Treasure Island Beach Erosion and Seaweed Mitigation*. Prepared for Treasure Island & Bounty Island Resorts, July 2014.

Mead, S. T., 2014. *Jackett's Island – Costing of Steps to Prevent Further Erosion of the Van Dyke property*. Expert Report prepared for the B and M Van Dyke Family Trust, High Court Hearing, July 2014.

Mead, S. T., and D. Greer, 2014. *Preliminary Assessment Towards a Solution to Reduce Gravel Entering Gate 18, Lake Pukaki*. Report prepared for Meridian Energy Ltd, July 2014.

Mead, S. T., 2014. *Coastal Impacts of the Proposed Tian Tian Tian Yuan Development*. Report prepared for SCoPE Pacific, July 2014.

Mead, S. T., 2014. *Construction of Coastal Protection Works in Western Tongatapu*. Tender documents prepared for MLECCNR, June 2014.

Mead, S. T., 2014. *Monitoring and Evaluation Plan for a Coastal Resilience Strategy for the Hihifo Coast, Western Tongatapu, Tonga*. Report prepared for MLECCNR, June 2014.

Mead, S. T., and T. Haggitt, 2014. *Makara Estuary Data Collection: Construction-Phase Surveys, Autumn 2014*. Report prepared for Meridian Energy Ltd, June 2014.

- Mead, S. T., and E. Atkin, 2014. *Final Design for Coastal Protection at Hihifo, Northwest Tongatapu, Tonga*. Report prepared for MLECCNR, May 2014. Report prepared for MLECCNR, June 2014.
- Haggitt, T., and S. T., Mead, 2014. *Clyde Quay Boat Harbour Baseline Ecological Survey and Assessment of Environmental Effects associated with the upgrade of Clyde Quay Boat Harbour*. AEE report prepared for OPUS, May 2014.
- Mead, S. T., 2014. *Review of Evidence with Regard to the Application for Resource Consent for a Coastal Permit in Beatrix Bay*. Expert opinion prepared for Commissioner Kenderdine, May 2014.
- Mead, S. T., and E. Atkin, 2014. *Draft Project Design for Coastal Protection at Hihifo, Northwest Tongatapu, Tonga*. Report prepared for MLECCNR, May 2014.
- Mead, S. T., and E. Atkin, 2014. *Review of Historical and Recent Studies Pertaining to Coastal Erosion and Inundation of Hihifo, northwest Tongatapu, Tonga*. Report prepared for MLECCNR, May 2014.
- Mead, S. T., and T. Haggitt, 2014. *Desktop Summary of Current Level of the Science and Understanding of the Cumulative Ecological Impacts of Mussel Farms Ring-Fencing Coastlines such as Beatrix Bay, Marlborough Sounds*. Expert report prepared for PBC and KCSRA in relation to and Application for Resource Consent – Coastal Permit – Beatrix Bay, Central Pelorus Sounds – U130797, May 2014
- Mead, S. T., and D. Greer, 2014. *Lodgement review of the application information in terms of the information principles under section 61 of the EEZ Act*. Prepared for the EPA in relation to CRP deepsea phosphate extraction, May 2014.
- Mead, S. T., 2014. *Woja Causeway Project: Detailed Design and Monitoring Plan*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), March 2014.
- Mead S. T., 2014. *Manukau Coastal Reserve Walkway – Physical Impacts*. AEE report prepared for Frames Group, March 2014.
- Mead S. T., 2014. *Coastal Process Assessment – Baro Industrial Subdivision*. Prepared for SCoPE, March 2014.
- Mead, S. T., and E. A. Atkin, 2014. *Wairoa Dam Sediment Investigation*. Prepared for Watercare Services Ltd, February 2017.
- Mead, S. T., J. C. Borrero, D. Greer and D. Phillips, 2014. *Woja Causeway Project: Coastal Processes and Feasibility Study*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), February 2014.
- 2013**
- Mead, S. T., and D. Phillips, 2013. *Development of a Climate Change Resilience Strategy for Woja Atoll Causeway, Republic of the Marshall Islands; Coastal Processes and Preliminary Design*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), December 2013.
- Mead, S. T., and D. Greer, 2013. *Dam Water Aeration/Circulation Optimization – Mangatangi Dam*. Prepared for Watercare Services Ltd, December 2013.
- Mead, S. T., 2013. *Potential Effects of Trans-Tasman Resources Mining Operations on Surfing Breaks in the Southern Taranaki Bight*. Report prepared for NIWA, October 2013
- Mead, S. T., and D. Greer, 2013. *Dam Water Aeration/Circulation Optimization – Upper Huia Dam*. Prepared for Watercare Services Ltd, September 2013.
- Mead, S. T., E. Atkin and D. Greer, 2013. *Shangri la, the Fijian Resort and Spa – Coastal Engineering Assessment*. Report prepared for Shangri-Li Hotels and Resorts, August 2013
- Greer, D., and S. T. Mead, 2013. *Review of Sedimentation Processes in the Upper Mahurangi Estuary*. Prepared for Auckland Council, July 2013
- Mead, S. T., W. Hiliau and D. Phillips, 2013. *Monitoring and Evaluation Plan for Two Coastal Erosion Options for Eastern Tongatapu, Tonga for Climate Change Resilience*. Report prepared for the

Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), July 2013.

Mead, S. T., and T. Haggitt, 2013. *Marine Growth and Corrosion on the Wire Cable Legs of the Raroa FPSO*. Report prepared for OMV NZ Ltd, June 2013

Mead, S. T., W. Hiliau and D. Phillips, 2013. *Final Design of Two Coastal Erosion Options for Eastern Tongatapu, Tonga for Climate Change Resilience*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), June 2012.

Mead, S. T., W. Hiliau and D. Phillips, 2013. *Review of Historical and Recent Studies Pertaining to Erosion of Eastern Tongatapu, Tonga for Climate Change Resilience*. Report prepared for the Secretariat of Pacific Communities (SPC), specifically the Global Climate Change Alliance: Pacific Small Island States (GCCA:PSIS), May 2012.

Mead, S. T., and T. Haggitt, 2013. *Makara Estuary Data Collection: Construction-Phase Surveys, Autumn 2013*. Report prepared for Meridian Energy Ltd, May 2013.

Mead, S. T., D. Greer, E. Atkin, and T. Haggitt, 2013. *Puhoi-Warkworth Coastal Modelling and Field Data Collection*. Report prepared for the Further North Consortium, May 2013.

Mead, S. T., and D. Greer, 2013. *Vinh Tan Power Plant Project, Vietnam – Dredge Plume Modelling*. Prepared for SKM, April 2013.

Atkin E., and S. T., Mead 2013. *Mauritius Road Decongestion Programme EIA specialist Study: Coastal Vulnerability Assessment*. Prepared for CCA Environmental, April 2013.

Mead, S. T., E. Atkin, D. Greer and D. Phillips, 2013. *Naisoso Island – Beach Management and Coastal Engineering*. Report prepared for Relcorp, April 2013.

Mead, S. T., and E. Atkin, 2013. *Wooli Coast-Cams Image Analysis (March 2012 – March 2013)*. Prepared for CCPA Wooli Inc., March 2013.

Mead, S. T., E. Atkin and T. Haggitt, 2013. *Fieldwork Report for the Mahurangi and Puhoi Estuaries for the Development of a Sediment Accumulation Model for the Highway of National Significance*. Prepared for the Far North Consortium, March 2013.

Mead, S. T., 2013. *Vunabaka Bay Sand Resource Investigation*. Prepared for Vunabaka Bay Fiji Ltd, February 2013.

Mead, S. T., and E. A. Atkin, 2013. *Wooli Beach Photogrammetry Analysis*. Prepared for CCPA Wooli Inc., February 2013.

Atkin, E., D. Greer and S. T. Mead, 2013. *Analysis of Bathymetric Surveys, Wave Climate, Breaking Patterns and Wave Driven Circulation at Whangamata Ebb Tidal Delta*. Report prepared for Waikato Regional Council, January 2013

2012

Mead, S. T., E. A. Atkin and D. Greer, 2012. *Vunabaka Detailed Design – Coastal*. Prepared for Vunabaka Bay Fiji Ltd, December 2012.

Mead, S. T., D. Greer and E. A. Atkin, 2012. *Dam Water Aeration/Circulation Optimization – Cossey's Dam*. Prepared for Watercare Services Ltd, December 2012.

Mead, S. T., and T. Haggitt, 2012. *Makara Estuary Baseline Data Collection: Spring 2012*. Report prepared for Meridian Energy Ltd, September 2012.

Mead, S. T., 2012. *Review of Wave Modelling to Determine Impacts on Doolin Surf Breaks*. Prepared for Save the Waves, August 2012.

Mead, S. T., 2012. *Wooli Coastal Camera – Rectification*. Prepared for CCPA Wooli Inc., July 2012.

Haggitt T. and S. T., Mead, 2012. *Te Whanganui a Hei Marine Reserve Reef Fish Monitoring: Autumn 2012*. Prepared for the Department of Conservation Waikato Conservancy, June 2012.

Mead, S. T., and T. Haggitt, 2012. *Makara Estuary Baseline Data Collection: Autumn 2012*. Report prepared for Meridian Energy Ltd, May 2012.

Mead, S. T., 2012. *New Zealand King Salmon Plan Change – Review of Benthic AEE*. Prepared for the Nelson Underwater Club, May 2012.

Atkin and Mead, 2012. *The impact of Otago Harbour spoil deposition on NZCSP 2010 protected surf breaks: Aramoana (Spit Beach), Whareakeake Bay (Murderers) and Karitane Point*. Prepared for the Surfbreak Protection Society, April 2012.

2011

Mead, S. T., and E. Atkin, 2011. *Preliminary Investigation of Options for Erosion Management at Whitianga Beach*. Prepared for Unitec Institute of Technology, November 2011.

Mead, S. T., and E. Atkin, 2011. *Bathymetry Monitoring of Maori Bay, Auckland*. Prepared for Unitec Institute of Technology, November 2011.

Atkin, E., D. Greer and S. T. Mead, 2011. *An Appraisal of Waitakere River Erosional Issues at the Te Henga Surf Lifesaving Club and Preliminary Solutions*. Prepared for the Auckland Council, October, 2011.

Mead, S. T., 2011. *Environmental Impact Assessment of a Multi-Purpose Reef/Breakwater at Maqai Eco Surf Resort, Qamea Island, Fiji*. Prepared for ESV Ltd, October 2011.

Mead, S. T., D. Grant, A. Moores and K. Stokes, 2011. *Old Bar Beach Stabilisation Investigation: Feasibility Study*. Prepared for the Old Bar Beach Replenishment Group Inc, September 2011.

Atkin, E., and S. T. Mead, 2011. *Literature Review and a Preliminary Investigation of Offshore Focussing Reefs*. Prepared for Unitec Institute of Technology, August 2011.

Mead, S. T., A. Moores and E. Atkin, 2011. *Pine Harbour Heavy Metal Investigation*. Prepared for Auckland Council, June 2011.

Mead S. T., D. Grant and J. Oldman, 2011. *Mandurah Northern Beaches: SLR Stabilisation Options Investigation*. Prepared for the City of Mandurah, June, 2011.

Haggitt, T., and S. T., Mead, 2011. *Benthic Sampling of Porirua Harbour: Part II*. For Boffa Miskall Tauranga, April 2011.

Borrero, J. C., D. Grant and S. T. Mead, 2011. *Oceanographic Analysis of Beran Island, Ailinglaplap Atoll Republic of the Marshall Islands*. Prepared for B. V. Resorts LLC, April 2011.

Mead, S. T., 2011. *Wooli Beach Erosion: Moving Forwards*. Report for the Coastal Communities Protection Alliance-Wooli Inc., April 2011.

Mead, S. T., J. C. Borrero, D. Grant, L. Lebreton, and A. Moores, 2011. *Design of a Submerged Reef for Erosion Control at Oil Piers, Ventura County, California*. U.S Army Corps of Engineers under the ERDC/WES Broad Agency Announcement (BAA): National Shoreline Erosion Control Development and Demonstration Program (Section 2038) Ventura County Demonstration Site, April 2011

Mead S. T., D. Greer, D. Grant and L. Lebreton, 2011. *Four Seasons Resort, Langkawi, Malaysia: Beach Stabilization Investigation*. Prepared for the Four Seasons Hotels and Resorts, March, 2011.

Mead, S. T., 2011. *Fletcher Cove Reef Conceptual Design, Solana Beach, California – Peer Review*. Prepared for the City of Solana Beach, January 2011.

Haggitt, T., and S. T., Mead, 2010. *Benthic Sampling of Porirua Harbour: Part I*. For Boffa Miskall Tauranga, December 2010.

2010

Mead, S. T., D. Greer, D. Grant, and L. Lebreton, 2010. *Wailagilala Island Beach Sand Retention Investigation*. Report for Sean Howard, November 2010.

Mead, S. T., 2010. *Coastal Hazard Assessment: Warrington Subdivision*. Prepared for Richard Hatherly, November 2010.

Oldman, J., A. Moores, Y. Cosotti, S. Mead, and D. Grant, 2010. *Otara Lake Bathymetry and Sediment Survey*. Report prepared for Golders Associates, September, 2010.

Borrero, J. C., and S. T. Mead, 2010. *Borth Reef: Surfing Assessment Study*. Prepared for Ceredigion County Council, August 2010

Mead, S. T., and A. Moores, 2010. *Bathymetry Survey of Tauranga Harbour – July 2010*. Report for URS New Zealand Ltd, July 2010.

Oldman, J., L. Lebreton, D. Greer, S. Mead and J. Mathew, 2010. *Numerical Modelling of Proposed Ship Building Site Cuddalore, India*. Report for GoodEarth Shipbuilding Private Limited (GSPL), July, 2010.

Grant, D., D. Greer, T. Haggitt and S. Mead, 2010. *South Taranaki Bight Iron Sands Environmental Baseline Study*. Report for Trans-Tasman Resources Limited, June, 2010.

Haggitt T. and S. T., Mead, 2010. *Te Whanganui a Hei Marine Reserve Reef Fish Monitoring: Autumn 2010*. Prepared for the Department of Conservation Waikato Conservancy, June 2010.

Mead, S. T., and L. Lebreton, 2010. *Review of Port Motueka 'Sand-Deflection Groyne' and Potential Impacts on Jacketts Island and Motueka Spit*. Prepared for the Van Dyke Family Trust, May, 2010

Mead, S. T., D. Grant and L. Lebreton, 2010. *Scoping Study of the New Zealand West Coast Physical Marine Environment*. Prepared for Golders, March 2010.

Borrero, J. C., L. Lebreton, S. T. Mead, and J. Frazerhurst, 2010. *Re-Imaging the Folkstone Shore*. Prepared for Trevor Minter, February 2010.

2009

Mead, S. T., T. Haggitt and J. Frazerhurst, 2009. *Marine Ecology Survey of Raglan footbridge – December 2009*. Report Prepared for Aurecon, December 2009.

Mead, S. T., and J. Frazerhurst, 2009. *Bathymetry Survey of Tauranga Harbour – October 2009*. Report for URS New Zealand Ltd, October 2009.

Lebreton, L., and S. T. Mead, 2009. *Dixon Island: Inshore Wave Climate and Storm Surge Sensitivity Study*. Report prepared for RPS Metocean Engineers, September 2009.

Mead S. T., J. C. Borrero and S. Harrison, 2009. *Design and Assessment of Physical Effects of Multi-Purpose Reefs for Beach Sand Retention at Orewa Beach*. Orewa Beach Reef Charitable Trust/Rodney District Council, August, 2009.

Borrero, J. C., and S. T. Mead, 2009. *La Roche Percée: Optimized Design of a Multi-Purpose Erosion Control Structure*. Prepared for Capse Nord, July 2009.

Mead, S. T., and S. Harrison, 2009. *2DBeach Modelling – Orewa*. Report Prepared for Orewa Beach Reef Charitable Trust, July 2009.

Frazerhurst, J., S. Mead and S. Harrison, 2009. *Tidal and Wave Energy Study – Victoria*. Report Prepared for SKM Melbourne, July 2009

Oldman, J., S. Harrison and S. T. Mead, 2009. *Whitianga Outfall – Viral Fate Modelling*. Report prepared for Environment Waikato, June 2009.

Mead, S. T., J. Oldman and S. Harrison, 2009. *Maraetai Beach Modelling Investigation*. Prepared for Manukau City Council, June, 2009.

Haggitt T. and S. T., Mead, 2009. *Te Whanganui-a-Hei Marine Reserve Benthic and Lobster Monitoring Programme: May-June 2009 Survey*. Prepared for the Department of Conservation Waikato Conservancy, June 2009

Borrero, J. C., S. T. Mead and S. Harrison, 2009. *Uitoé Bay, New Caledonia: Field Data Collection and Hydrodynamic Analysis of Proposed Channel Configurations*. Prepared for Capse Nord, May 2009

Borrero, J. C., L. Lebreton, J. Oldman and S. T. Mead, 2009. *La Roche Percée: Hydrodynamic Analysis of the Littoral Environment*. Prepared for Capse Nord, January 2009.

2008

- Mead, S. T., and Frazerhurst, 2008. *Bathymetry Survey of Tauranga Harbour – December 2008*. Report for URS New Zealand Ltd, December 2008.
- Black, K. P., S. T. Mead, J. C. Borrero and J. Frazerhurst, 2008. *Development of a Clean Sandy Beach and Marine Infrastructure for Cornish Bay Resort, Mauritius*. Report prepared for Arup Sigma, October 2008.
- Mead S. T., C. Bosserelle, K. Black and D. Anderson. *Mossel Bay Currents and Fish Farm Dispersal Study*. Prepared for CCA Environmental (Pty) Ltd, September, 2008
- Mead, S. T., and J. C. Borrero, 2008. *Bathymetry Survey of Tauranga Harbour*. Report for URS New Zealand Ltd, August 2008.
- Mead S.T., 2008. *Waitahanui Protection Works Modifications*. Prepared for Mighty River Power, July 2008.
- Haggitt, T., and S. T. Mead, 2008. *Cape Rodney to Okakari Point Marine Reserve and Tawharanui Marine Park Reef Fish Monitoring: Autumn 2008*. Prepared for the Department of Conservation, June 2008.
- Mead, S. T., A. Bou and J. Frazerhurst, 2008. *Coastal Process Assessment at Keith Park to Greers Road*. Prepared for Harrison and Greirson, June 2008.
- Haggitt, T., and S. T. Mead, 2008. *Great Barrier Island (Aotea) Benthic Monitoring Programme: May 2008 Survey*. Prepared for the Department of Conservation, May 2008
- Haggitt, T., S. T. Mead and S. Green, 2008. *Classification of the Bay of Plenty coastal environment into MPA habitat classes*. Prepared for the Department of Conservation, May 2008.
- Haggitt T., D. Riddell S. T. Mead, 2008 *Quantitative Assessment of Rocky Habitat Ecology at Oporotu Causeway*. Prepared For C & M Planning, May 2008
- Borrero, J. C., S. T. Mead, K. P. Black and C. Bosserelle, 2008. *Matakana Island Numerical Modelling*. Prepared for the Pritchard Group, April 2008.
- Mead, S. T. and T. Haggitt, 2008. *Matakana Island Ecological Impact Assessment*. Prepared for the Pritchard Group, April 2008
- Mead S. T., C. Bosserelle, A. Bou, J. Frazerhurst and J. C. Borrero, 2008. *Hydrodynamic Modelling of the Oporotu Causeway, Raglan, New Zealand*. Prepared For C & M Planning, April 2008
- Mead, S. T., K. P. Black, J. C. Borrero, C. Bosserelle and A. Bou, 2008. *Design and Assessment of Physical Effects of Multi-Purpose Reef for Beach Sand Retention at Orewa Beach*. Prepared for the OBRT and RDC, March 2008.
- Mead, S. T. and T. Haggitt, 2008. *Assessment of Ecological Effects of Multi-Purpose Reef for Beach Sand Retention at Orewa Beach*. Prepared for the OBRT and RDC, March 2008.
- Mead, S. T., A. Bou and C. Bosserelle, 2008. *Coastal Hazards Assessment at Waihou Bay*. Report prepared for Ian Penny, March 2008
- Mead, S. T., K. P. Black, J. Frazerhurst and T. Haggitt, 2008. *Likuri (Robinson Crusoe) Island Coastal Process and Ecological Investigations*. Report prepared for Daniel Defoe Ltd, February 2008.
- 2007**
- Mead, S.T., 2007. Expert Review of Technical Reports Pertaining to Resource Consent Application for Whaanga Road, Raglan. Prepared for Waikato District Council/Tompkins Wake, November 2007.
- Mead, S. T., T. Haggitt, D. J. Phillips, 2007. *Identification of Regionally Significant Marine Receiving Environments in the Auckland Region*. Prepared for Auckland Regional Council, November 2007.
- Black, K.P., Mead, S.T. and Moores, A.E, 2007. *Surf Pools Wave Generator Slot Investigations*. Commissioned Research Reports (Surf Parks, USA) Year Published: 2007
- Mead, S. T., and A. Bou, 2007. *Coastal Hazard Assessment for 10 Beach Road, Waihi Beach*. Prepared for Connell Wagner Ltd, November 2007.

Haggitt, T., S. Mead and M. Bellingham, 2007. *Review of environmental information on the Kaipara Harbour marine environment*. Prepared for Auckland Regional Council, August 2007.

Black, K.P., Mead, S.T. Moores, A.E. and Bowlus D., 2007. *Orlando Training Pool Wave Testing and Measurements*. Commissioned Research Reports (Surf Parks, USA) Year Published: July 2007

S. T. Mead and D. Greer, 2007. *Extreme Water Elevations in Raglan Harbour C & M Planning*, May 2007

Mead, S.T., Black, K.P., Harrison, S.R., Bosserelle, C.D. and Frazerhurst, J. (2007). *Kaipara Harbour Numerical Model: Calibration, Tidal Range Simulation and Residual Currents*. Technical report for CREST Energy Ltd., No. 2007-3746. February, 2007.

2006

Black, K.P. Mead, S.T., Moores, A.E. and Bowlus, D, 2006. *Orlando Training Pool Wave Testing and Measurements*. Commissioned Research Reports (Surf Parks, USA) Year Published: 2007

Mead, S. T., J. C. Borrero, K. P. Black and J. Frazerhurst, 2006. *Multi-Purpose Reefs at Wells Estate Beach: Feasibility Study*. Report Prepared for AfriCoast Engineers, November 2006.

Mead, S. T., K. P. Black and D. Anderson, 2006. *Kromme Estuary Sand Extraction: Hydrodynamic Modelling*. Prepared for the St Francis Bay Beach Reef Trust, October 2006.

Mead, S. T., G. Prasetya, K. P. Black, D. Greer and S. Harrison, 2006. *Statistical Analysis of Wave Data in Poverty Bay and Systematic Modelling Exercise*. Report prepared for TT Club, c/- Langley Twigg Lawyers, September 2006.

Black, K. P., T. Haggitt, S. T. Mead, P. Longdill, G. Prasetya and C. Bosserelle, 2006. *Bay of Plenty Primary Production Modelling: Climate Impacts on Productivity*. Report prepared for Bay of Plenty Regional Council, September 2006.

Haggitt T. and S. T., Mead, 2006. *Audit of Long Bay Monitoring Programme*. Prepared for Auckland Regional Council, September 2006.

Borrero, J. C., S. T. Mead, K. P. Black and J. Frazerhurst, 2006. *Multi-Purpose Reefs at Pollok Beach: Feasibility Study*. Report Prepared for AfriCoast Engineers, September 2006.

Haggitt T. and S. T., Mead, 2006. *Te Whanganui-a-Hei Marine Reserve Biological Monitoring Programme: May-June 2006 Survey*. Prepared for the Department of Conservation, Waikato Conservancy, August 2006.

Longdill, P.C., Black, K.P., Haggitt, T. and Mead, S. T., 2006. *Primary Production Modelling, and Assessment of Large Scale Impacts of Aquaculture Management Areas on the Productivity within the Bay of Plenty*. Report for Environment Bay of Plenty, July 2006.

Borrero, J. C., S. T. Mead, K. P. Black and J. Frazerhurst, 2006. *Feasibility and Design Study for a Multi-Purpose Reef in Long Branch, New Jersey*. Report Prepared for Surfers' Environmental Alliance and the State of New Jersey Department of Environmental Protection, July 2006

Haggitt T. and S. T., Mead, 2006. *Cape Rodney to Okakari Point Lobster Monitoring Programme: May 2006 Survey*. Prepared for the Department of Conservation, Warkworth Area Office, June 2006.

Mead, S. T., Black, K. P., J. C. Borrero, J. Frazerhurst, D. Anderson, D. J. Phillips and M. Kramer, 2006. *St Francis Bay Beach Project: Feasibility Study*. Prepared for the St Francis Bay Beach Reef Trust, May 2006.

Mead, S. T., 2006. *The Esperance Foreshore – Assessment of the Current Situation*. Report to Recherche Advisory Group, Esperance, Western Australia, March 2006.

Mead, S. T., T. Haggitt and J. Frazerhurst, 2006. *Pre-Dredging Assessment: Ecological Component*. Prepared for Kaipara Ltd, Beachlands, New Zealand, March 2006.

Mead, S. T., K. P. Black, J. Frazerhurst, T. Haggitt and A. Moores, 2006. *Kaipara Tidal Energy Preliminary Field Data Report*. Report Prepared for Crest Energy Ltd, March 2006.

Mead, S. T., and D. J. Phillips, 2006. *Henderson-Otahuhu A Transmission Line Tower Refurbishment: Monitoring Report*. Report prepared for Transpower New Zealand Ltd, February 2006.

de Vries, S., and S. T. Mead, 2005. *Raglan Extreme Event*. Report prepared for Coastal Systems, December 2006.

2005

Black, K.P., Mead, S.T., Moores, A.E. and Frazerhurst, J., 2005. *Summary of Research and Development Undertaken on the Orlando Learners Pool*. Commissioned Research Reports (Surf Parks, USA) Year Published: 2005

Black, K.P., Mead, S.T. and Moores, A.E., 2005. *Strain Tests on the Versareef Triangles*. Commissioned Research Reports (Surf Parks, USA) Year Published: 2005

Black, K.P., Mead, S.T. and Moores, A.E., 2005. *Surf Pools Ltd Research and Development*. Commissioned Research Reports (Surf Parks, USA) Year Published: 2005

Black, K. P., S. T. Mead, and A. Moores, 2005. *HydroVersareef Testing for the Orlando Wave Pool*. Report prepared for Surfparks LLC, November 2005.

Mead, S. T., T. Haggitt, J. Frazerhurst, and A. Frederic, 2005. *East Island Marine Survey*. Prepared for East Coast Conservancy, Department of Conservation, October, 2005.

Black, K. P., S. T. Mead, A. Moores, and J. Frazerhurst, 2005. *Research and Development: Orlando Training Pool*. Report prepared for Surfparks LLC, September 2005.

Black, K. P., S. T. Mead, and A. Moores, 2005. *Offshore Coastal Protection Using Multi-Purpose Reefs at Barcelona*. Prepared for Associació Catalana de Surf, September 2005.

Mead, S. T., D. J. Phillips, K. P. Black and J. Frazerhurst, 2005. *Bay View Beach Nourishment Plan*. Prepared for Fore World Developments Ltd, August 2005.

Black, K. P., and S. T. Mead, 2005. *Bay View Coastal Hazard Zoning*. Confidential Report for Fore World Developments Ltd, August 2005.

Mead, S. T., J. Govier and J. Frazerhurst, 2005. *Patea Traps Marine Survey: Bathymetry and Remote-Video Surveys*. Interactive DVD prepared for the Wanganui Conservancy, Department of Conservation, August, 2005.

Mead, S. T., T. Haggitt and B. Beamsley, 2005. *Soft-Sediment Biota in the Taranaki Iron Sand Exploration Areas*. Report and interactive DVD prepared for Taranaki Regional Council, July 2005.

Mead, S. T., 2005. *Barge Operation Limitations within Ohau Bay*. Prepared for Meridian Energy, July 2005.

Mead, S. T., K. P. Black, D. Johnson and A. Moores, 2005. *Physical Process Investigation and Breakwater Design for Ohau Bay, Wellington: Numerical modelling, Wave Climate Hindcasting and Physical Impact Assessment*. Prepared for Meridian Energy, July 2005.

Black, K. P., S. T. Mead and L. Harris, 2005. *Mount Maunganui Reef Construction Methods*. Report for the Mount Reef Trust, June 2005.

Mead, S.T., Longdill, P.C., Moores, A., Beamsly, B., and Black, K.P., 2005. *Bay of Plenty Biological Survey: Aquaculture Management Areas*. Report for Environment Bay of Plenty, ASR Ltd, 35p. June 2005.

McComb, P., S. T. Mead and J. Lefevre, 2005. *Oakura Beach: An investigation of the shoreline erosion along the western beach*. Prepared for New Plymouth District Council, May 2005.

Mead, S. T., A. Moores and T. Haggitt, 2005. *Assessment of Marine Ecological Effects of the Construction of an Access Berthing Structure at Ohau Bay, Wellington*. Prepared for Meridian Energy, May 2005.

Mead, S. T., P. Longdill and K. P. Black, 2005. *Bay of Plenty Biological Survey: Aquaculture Management Area*. Prepared for Environment Bay of Plenty, April 2005

- S. T. Mead and P. McComb, 2005. *Assessment of the Effect of Seismic Operations on Breeding of Dominant Marine Fauna and Flora in Southern Taranaki: Kauri/Rimu 2D transitional seismic survey*. Prepared for Swift Energy New Zealand, April 2005
- McComb, P., P. Atkinson, S. T. Mead and J. Lefeuvre, 2005. *Urenui Beach: A review of coastal management and an assessment of options*. Prepared for New Plymouth District Council, March 2005.
- Longdill, P.C., Black, K.P., Healy, T.R., Mead, S.T., and Beamsly, B., 2005. *Bay of Plenty Sediment Characteristics: Aquaculture Management Areas*. Report for Environment Bay of Plenty, ASR Ltd and the University of Waikato. 59p. March 2005.
- S. T. Mead, J. Govier and P. McComb, 2005. *Maui FPSO Decommissioning - A review of the options for creating an artificial reef with the Whakaaropai mooring components*. Prepared for Shell Todd Oil Services Ltd, February 2005
- Johnson, D., K. P. Black and S. T. Mead, 2005. *Nearshore Wave Conditions – Detailed Study with Physical Modelling*. Prepared for Woodside Energy Ltd, February 2005.
- Black, K. P., and S. T. Mead, 2005. *Darwin Surfing Pool Design: Numerical Modelling (Stage 1)*. Prepared for ABN AMRO, January 2005
- Black, K. P., S. T. Mead and C. Blenkinsopp, 2005. *Desk Study of Alternative Coastal Defence Options: Sandbanks, Poole*. Prepared for HR Wallingford on behalf of Poole Borough Council, January 2005.
- 2004**
- Mead, S. T., J. Mathew, D. Phillips and T. Haggitt, 2004. *Henderson-Otahuhu A Transmission Line Tower Refurbishment – Assessment of Environmental Effects*. Report prepared for Transpower (NZ) Ltd, December 2004
- Mead, S. T., and A. Moores, 2004. *Estuary Sedimentation: A Review of Estuarine Sedimentation in the Waikato Region*. Report prepared for Environment Waikato, December 2004.
- Thomas, L., Black, K. and Mead, S. 2004. *Breaking wave characteristics in the ASR physical wave tank*. ASR Research Report. ASR Ltd, PO Box 67, Raglan, New Zealand. 70 pp.
- Haggitt, T., and S. T. Mead and P. McComb, 2004. *Assessment of the effect of seismic operations on breeding of dominant marine fauna and flora in northern Taranaki*. Report prepared for Shell Todd Oil Services, November 2004
- Haggitt, T., and S. T. Mead, 2004. *Northland Aquaculture Management Area (AMA) study: Literature review and Field Studies of: Environmental impacts of aquaculture and biological information within proposed Northland Aquaculture Management Areas*. Report prepared for the Northland Regional Council, August 2004.
- Black, K. P., C. Blenkinsopp, B. Beamsley, D. Johnson, S. T. Mead and J. Mathew, 2004. *Boscombe Surfing Reef Detailed Design: Field Data and Initial Design Report*. Report prepared for Bournemouth Borough Council, August 2004
- Mead, S. T., and P. McComb, 2004. *Overview of the Existing Marine and Coastal Processes, and the Marine and Benthic Flora and Fauna in the Vicinity of the Kupe Development Project*. Prepared for Origin Energy, July 2004.
- Mead, S. T., and K. P. Black, 2004. *Sea Turtles of Costa Rica - An Overview*. Report prepared for Derek Ferguson (Rio Oro Coastal Environmental Development), July 2004.
- Haggitt, T., Mead, S. T., P. McComb and E. Crowskey, 2004. *Assessment of Subtidal Communities and Dominant Species in the Vicinity of the Kupe Development Project*. Prepared for Origin Energy, July 2004.
- McComb, P., S. T. Mead and B. Beamsley, 2004. *Summary of the Existing Oceanographic Environment in the Vicinity of the Kupe Development Project*. Prepared for Origin Energy, July 2004

- Mead, S. T., P. McComb, E. Crofskey and T. Haggitt, 2004. *Assessment of the Existing Intertidal Marine Ecology and Usage in the Vicinity of the Kupe Development Project*. Prepared for Origin Energy, July 2004.
- Mead, S. T., P. McComb and E. Crofskey, 2004. *Assessment of Marine Mammals, Fisheries and Other Potential Usage in the Vicinity of the Kupe Development Project*. Prepared for Origin Energy, July 2004.
- Mead, S. T., and B. Scarfe, 2004. *Assessment of Physical Effects of the Construction of a Jetty at Oteranga Bay, Wellington*. Prepared for Meridian Energy Ltd, July 2004
- Mead, S. T., 2004. *Nanuku Surfing Reef: Feasibility Study for a Surfing Reef at Nanuku Island, Fiji*. Prepared for R. Hatherly, June 2004.
- Mead, S. T., and T. Haggitt, 2004. *Assessment of Marine Ecological Effects of the Construction of an Access Berthing Structure at Oteranga Bay, Wellington*. Prepared for Meridian Energy (Project West Wind), May 2004.
- Mead, S. T., K. P. Black and B. Scarfe, 2004. *Review of the Palm Beach Protection Strategy*. Prepared for Save Our Surf Incorporated, May 2004.
- Mead, S. T., P. J. McComb, K. P. Black, K. Hooper, 2004. *New Plymouth Beach Reef Scoping Study*. Prepared for New Plymouth District Council, May 2004.
- Mead, S. T., P. J. McComb, E. Crofskey and T. Haggitt, 2004. *Potential for Marine Growth on Structures at Maari for Design Purposes*. Report prepared for OMV New Zealand Ltd, May 2004.
- Mead, S. T., K. P. Black, B. Scarfe, C. Blenkinsopp, B. Beamsley and J. Frazerhurst, 2004. *Orewa Beach Reef – Feasibility Study for a Multi-Purpose Reef at Orewa Beach, Hibiscus Coast, Auckland, New Zealand*. Report prepared for Rodney District Council and the Orewa Beach Reef Charitable Trust, April 2004.
- Mead, S. T., and T. Haggitt, 2004. *Assessment of Ecological Effects of the Construction of a Jetty at Oteranga Bay, Wellington*. Prepared for Meridian Energy Ltd, April 2004
- McComb, P., and S. T. Mead, 2004. *A proposed Pipeline Route from Marsden Point to East Auckland - Environmental Summary for Scoping*. Report prepared for Kellogg Brown and Root, March 2004.
- Black, K. P., S. T. Mead, P. McComb B. Scarfe, and B. Beamsley, 2004. *Studies for Resource Consent: Opunake Surfing Reef. Detailed Design and Physical and Biological Impact Studies needed to obtain Resource Consents for the Artificial Surf Reef at Opunake, Taranaki, New Zealand*. Report prepared for the South Taranaki District Council and the Opunake Artificial Reef Committee
- Mead, S. T., and D. J. Phillips, 2004. *Review of Technical Reports (Ecological and Sediment Control) for the Proposed Redvale Lime-Quarry in Silverdale*. Report prepared for Wainui Environmental Protection Society (Inc.), February 2004.
- Mead, S. T., S. Blackmore, J. Frazerhurst and B. Scarfe, 2004. *Kairakau Marine Survey: Bathymetry and Seabed Surveys of the Kairakau Sub-Tidal Area*. Report and Interactive CD's prepared for Department of Conservation, Hawke's Bay Conservatory, February 2004
- Mead, S. T., K. P. Black, B. Scarfe, L. Harris, J. Sample and C. Blenkinsopp, 2004. *Oil Piers Reef: Phase II – Detailed Design and Environmental Impact Assessment*. Report prepared for the US Army Corp of Engineers, January, 2004.
- 2003**
- Mead, S. T., K. P. Black, B. Scarfe, and C. Blenkinsopp, 2003. *Feasibility and Preliminary Design Study for an Artificial Surfing Reef at Mahomet's Beach, Geraldton, Western Australia*. Report prepared for Geraldton Boardriders Club (Inc.), December, 2003
- Black, K. P., C. Blenkinsopp, S. T. Mead, D. Weight and B. Gerrish, 2003. *Borth Multi-Purpose reef for Coastal Protection and Amenity*. Report prepared for Posford Haskoning Ltd., December 2003.

- Mead, S. T., B. Scarfe, and J. Frazerhurst, 2003. *Gisborne Marine Survey*. Report and Interactive CD's prepared for Department of Conservation, Hawke's Bay Conservatory, November 2003.
- Mead, S. T., B. Beamsley and T. Haggitt, 2003. *Pre-Dredging Assessment: Ecological Component*. Prepared for Kaipara Excavators Ltd, Manukau City, New Zealand, September 2003.
- McComb, P. and S. T. Mead, 2003. *Baseline Data on the Benthic Environment and Water Column Properties in the Maari Field, Western Cook Strait, NZ*. Report prepared for OMV New Zealand Ltd, August 2003.
- Mead, S. T. and B. Scarfe, 2003. *Omanu Surf Lifesaving Club Redevelopment: Coastal Hazard Assessment*. Report prepared for Tauranga District Council, August 2003
- Mead, S. T., K. B. Scarfe, C. Blenkinsopp and J. Frazerhurst, 2003. *Cape Runaway Marine Survey*. Report and Interactive CD's prepared for Department of Conservation, Hawke's Bay Conservatory, May 2003.
- Mead, S. T., K. P. Black, B. Scarfe, C. Blenkinsopp and L. Harris, 2003. *Oil Piers Reef: Section 227: National Shoreline Erosion Control Development and Demonstration Program – Ventura County California Demonstration Site*. Report prepared for the US Army Corp of Engineers, May 2003.
- Black, K. P., P. McComb and S. T. Mead, 2003. *Pohokura F.E.E.D.: Environmental Impact Study on the Disposal of PPS Waste Water*. Prepared for Shell Todd Oil Services, April 2003.
- de Graaff R. F., P. L. A. Erfteimeijer, and S. T. Mead, 2003. *Artificial Reefs Project Bahrain: Tasks 5-7*. Prepared for Ministry of Works and Housing Special Projects Department, Kingdom of Bahrain, April, 2003.
- Mead, S. T., K. P. Black, C. Blenkinsopp and L. Harris, 2003. *63rd Street Reef: Section 227: National Shoreline Erosion Control Development and Demonstration Program – Miami Beach Florida Demonstration Site*. Report prepared for the US Army Corp of Engineers, April 2003.
- Mead, S. T., K. P. Black, C. Blenkinsopp and P. McComb, 2003. *Lyllall Bay Surfing Reef: Reef Design and Physical Processes*. Prepared for the Lyall Bay Reef Charitable Trust, March 2003.
- Frazerhurst, J., and S. T. Mead, 2003. *Determination of Optimum Wave Power Sites in New Zealand by Analysis of the: Coastline, Continental Shelf and Wave Climate*. Prepared for WaveGen, Scotland, March 2003.
- Erfteimeijer, P. L. A., R. F. de Graaff and S. T. Mead, 2003. *Artificial Reefs Project Bahrain: Tasks 1-4*. Prepared for Ministry of Works and Housing Special Projects Department, Kingdom of Bahrain, February, 2003.
- 2002**
- ASR, 2002. *Aquaculture Development and Training: Ekas Bay, Lombok, Indonesian – Second Progress Report*. Report prepared for the Ministry of Foreign Affairs and Trade, November 2002.
- Mead, S. T., 2002. *Assessment of Ecological Effects of a Surfing Reef at Lyall Bay*. Prepared for the Lyall Bay Reef Charitable Trust, September 2002.
- Black, K. P., B. Beamsley, J. Mathew, C. Blenkinsopp, S. T. Mead, D. Phillips and T. Healy, 2002. *Port Gisborne Expansion: Outline Design Study*. Report prepared for Port of Gisborne Ltd, August 2002.
- Mead, S. T., and P. McComb, 2002c. *Design Marine Growth Profile for the Pohokura Platforms*. Report to Shell Todd Oil Services Ltd, August 2002.
- Mead, S. T., P. McComb and M. Wagstaff, 2002. *Ecological Assessment of the Nearshore Pohokura Pipeline Route*. Report to Shell Todd Oil Services Ltd, July 2002.
- Mead, S. T., 2002. *Ecological Survey of Beatrix Bay, Marlborough Sounds*. Report prepared for the Marlborough Sounds Trust, July, 2002.
- Mead, S. T., D. J. Phillips and K. P. Black, 2002. *An Assessment of Aquaculture Potential for Southern Poverty Bay*. Report prepared for Port of Gisborne Ltd, June 2002.

Black, K. P., S. T. Mead, P. McComb, J. Mathew and C. Blenkinsopp, 2002. *Developing a Surfing Reef at Newquay Bay: Feasibility Study*. Report to Newquay Artificial Reef Association, May 2002

Mead, S. T., K. P. Black, C. Blenkinsopp, P. McComb and D. Todd, 2002. *Concept and Feasibility Study for New Brighton Recreational Reef Stage 2: Preliminary Modelling Assessment*. Report to the Christchurch City Council, April 2002.

Mead, S. T., and P. McComb, 2002b. *The Marine Ecology of the Motunui Coast: Subtidal Studies*. Report to Shell Todd Oil Services Ltd, April 2002.

Mead, S. T., 2002. *Review of Ucluelet Peninsula Artificial Surfing Reef Prefeasibility Study*. Economic Development Commission, Alberni-Clayquot Regional District, Port Alberni, B. C., March 2002

Mead, S. T., K. P. Black, C. Blenkinsopp, P. McComb and D. Todd, 2002. *Concept and Feasibility Study for New Brighton Recreational Reef Stage 1: Data Review and Preparation*. Report to the Christchurch City Council, February 2002.

Mead, S. T., and P. McComb, 2002a. *The Marine Ecology of the Motunui Coast: Intertidal Studies*. Report to Shell Todd Oil Services Ltd, February 2002.

2001

Black, K.P. and S. T. Mead, 2002. *Review of Dune Contouring Criteria For Christchurch Beaches*. Report to the Christchurch City Council, December 2001.

Mead, S. T., and P. McComb, 2001. *Issues and Options Report: Assessment of a Long-Term Solution to Erosion Control at St Clair Beach, Dunedin*. Report to the Dunedin City Council, November 2001

Mead, S. T., K. P. Black and McComb, 2001. *Westshore Coastal Process Investigation*. Report for Napier City Council, September 2001.

Mead S. T., and K. P. Black, 2001. *Design and Approvals for an Artificial Reef for Protection of Noosa Main Beach: Surfing Aspects*. Final report for Noosa Council and ICM Ltd, July 2001.

Black, K. P., S. T. Mead and J. Mathew, 2001. *Design and Approvals for an Artificial Reef for Protection of Noosa Main Beach: Detailed Investigations and Modelling*. Final report for Noosa Council and ICM Ltd, June 2001.

McComb, P. J., K. P. Black, S. T. Mead and J. A. Hutt, 2001. *Opunake Bay Surfing Reef Feasibility Study*. Report for the South Taranaki District Council, April 2001.

Mead, S. T., K. P. Black and A. Longmore, 2001. *The Sustainability of Marine Farming in Beatrix Bay, Marlborough Sounds*. For the Marlborough Sounds Trust, March 2001.

Mead, S. T., 2001. *Biological Impacts and Recovery Time of the Seabed Due to Dredging and Trawling*. For Kaipara Ltd, February 2001.

Mead, S. T., K. P. Black and P. McComb, 2001. *Lyllall Bay Surfing Reef Feasibility Study*. For the Lyall Bay Surfing Reef Charitable Trust, Wellington, January 2001.

2000

Mead, S. T., 2000. *The Bathymetry of Titahi Bay*. Report prepared for Telstra Saturn Wellington, November 2000.

McComb, P., B. Beamsley and S. T. Mead, 2000. *Telstra Saturn Aqualink Project: An Evaluation of the Route Survey Data and Fishing Activities*. Report prepared for Telstra Saturn Wellington, August 2000.

Black, K. P., S. T. Mead and A. Jackson, 2000. *Beach amenity options and coastal protection at Bournemouth*. For Leisure & Tourism Services, Bournemouth Borough Council, May 2000.

Mathew, J, K.P. Black, S. T. Mead and B. Beamsley, 2000. *Lake Surveys and Volume Predictions*. Report and Software for Watercare, May, 2000.

Mead, S. T. and K. P. Black, 2000. *Current and Wave Data. Report 2: Hahei*. Prepared for InTandem Marine Enhancement Ltd, April 2000.

Mead, S. T. and K. P. Black, 2000. *Current and Wave Data. Report 1: Hahei*. Prepared for InTandem Marine Enhancement Ltd, March 2000.

- McComb, P., S. T. Mead and J. Mathew, 2000. *A Review of the Sedimentary and Oceanographic Conditions at Pohokura*. Prepared for Transfield Worley Ltd, January 2000.
- Jackson, A., K. P. Black, R. Tomlinson, S. T. Mead, J. Mathew, J. A. Hutt, D. Skelly & G. Prestedge, 1999. *Recommendations for Noosa Main Beach Restoration and Protection*. Report for Noosa Council, August, 1999.
- S. T. Mead and D. J. Phillips, 1999. *Mahai Paua Farm: Description of Site Ecology*. Report prepared for Environmental Management Services Ltd., May 1999.
- S. T. Mead, 1999. *Whakatane Marina Ecological Assessment*. Report prepared for Robinson Earthmovers Ltd, April, 1999.
- Black, K.P., Mead, S., McComb, P., Jackson, A. and Armstrong, K., 1999. *New Plymouth City Foreshore Redevelopment: Reef and Beach Feasibility Study*. Prepared by the Centre of Excellence in Coastal Oceanography and Marine Geology, for the New Plymouth District Council, March 1999. 59pp + figs & Appendices.
- Black K. P. and S. T. Mead, 1999. *Penrith Panthers Leagues Club Wave Pool Complex Summary Report, Phase 1: Design of the wave pool layout and connections to the continuous river*. Report for Extreme Sportsparks (ESP) Pty Ltd, February, 1999.
- Mead, S. T., 1998. *Navy Stormwater Investigation: Ecological Assessment*. Report prepared for Opus International Consultants, December, 1998.
- Mead, S. T., & D J. Phillips, 1998. *Kingsway School Stream Ecological Assessment*. Report prepared for Auckland Regional Council on behalf of Airey Consultants Ltd. December, 1999.
- Black, K. P., S. T. Mead & J. A. Hutt, 1998. *Takapuna Boat Ramp: Surfing Impact Assessment and Reef Feasibility Study*. Report for North Shore City Council, October, 1998.
- Mead, S. T., K. P. Black & J. A. Hutt, 1998. *An Artificial Reef at Tay Street - Mount Maunganui, Report 1: Reef Design and Physical and Biological Processes*. Joint report, Department of Earth Sciences, University of Waikato and NIWA, July, 1998.
- Mead, S. T., & D J. Phillips, 1998. *Waitakere Dam Plunge Pool and Abutments Erosion Protection: Ecological Assessment*. Report for Opus International Consultants, Auckland, July, 1998.
- Black, K. P., J. A. Hutt & S. T. Mead, 1998. *Narrowneck Reef Report 2: Surfing Aspects*. Report for Gold Coast City Council, June, 1998.
- Mead, S. T., 1998. *Significant Coastal Areas Study*. Report to the New Plymouth District Council, June, 1998.
- Mead, S.T, 1997. *Hairini Bridge Ecological Assessment*. Report for Opus International Consultants, Hamilton, February, 1998.
- Mead, S.T, 1997. *Waitemata Harbour Crossing - Ecological Assessment*. Report for Opus International Consultants, Auckland, December, 1997.
- Mead, S.T & D.J. Phillips, 1997. *Weatherly Road Ecological Assessment*. Report to the Auckland Regional Council. DNS, August 1997.
- Mead, S.T. 1995. *The Otara Creek Revegetation Plan*. Report for the Manukau City Council, June 1995.
- Mead, S.T 1994. *Abundance and Population Structure of the Echinoid, Evechinus Chloroticus, in Different Subtidal Habitats Sampled in Administration Bay, North-eastern New Zealand*. For The Department of Conservation, Hauraki Gulf Maritime Park, August, 1994.

Newspaper/magazine articles (not up to date)

- Mead, S. T., 2015. *The Elephant in the Room*. Damaged Goods Magazine, June 2015
- Mead, S. T. and K. P. Black, 2002. *Surfing Pools for the Olympics*. US Sports Science Society.
- Mead, S., Black, K. and Hutt, J. (2000). *Surfing Reef Projects*. Onshore-Offshore – ARP Programme. New Zealand Surfing Magazine, Mar/Apr 2000.

- Mead, S., Black, K. and Hutt, J. (1999). *Tsunami's- Beyond Tow in's*. Onshore-Offshore – ARP Programme. New Zealand Surfing Magazine, Nov/Dec 1999.
- Mead, S., Black, K. and Hutt, J. (1999) *Which Way Da Wind Blows*. Onshore-Offshore – ARP Programme. New Zealand Surfing Magazine, Sept/Oct 1999.
- Mead, S., Black, K. and Hutt, J. (1999) *Reefs For Sale*. Onshore-Offshore – ARP Programme. New Zealand Surfing Magazine, May/June 1999.
- Black, K., Mead, S. and Hutt, J. (1999) *Good vibes for surfing business: waves that break at the right angle and height are no longer a dream on the Gold Coast*. Report by Greg Anslie in the Weekend Herald (Weekend Business), 10 April 1999.
- Mead, S., Black, K. and Hutt, J. (1999) *The Great Big Surf Break Ranking Contest*. Onshore-Offshore – ARP Programme. New Zealand Surfing Magazine, Jan/Feb 1999. p.61.
- Mead, S., Black, K. and Hutt, J. (1998) *Steep bottoms don't always have hollow tubes*. Onshore-Offshore – ARP programme. New Zealand Surfing Magazine, Nov/Dec 1998. P.22.
- Mead, S., Black, K. and Hutt, J. (1998) *Artificial Reefs Programme: Wavebending and the search for the perfect point break*. New Zealand Surfing, July/August 1998.
- Mead, S., Black, K. and Hutt, J. (1998) *Artificial reefs programme: the virtual reality of computer modelling*. New Zealand Surfing, May/June 1998.
- Mead, S., Black, K.P. and Hutt, J. (1998) *Artificial Reefs Programme - On Waves, Energy and Bottles of Coke*. New Zealand Surfing; March/April 1998.
- Black, K.P. and Mead, S. (1998) *'Beach in a bag' reef '98 start likely*. Article by Dana Kirkpatrick on start of Mt Maunganui reef project. Bay of Plenty Times, 13 March 1998.
- S.,Mead, K.P. Black and J.A. Hutt (1998) *Onshore Offshore - Reef Construction -Bags, Boulders or Building Rubble*. Bimonthly column, New Zealand Surfing Magazine, January/February 1998.
- Mead, S., K.P. Black and J.A. Hutt (1997). *Onshore Offshore - Horatio Does It Again*. Bi-monthly column, New Zealand Surfing Magazine, November/December 1997.
- Black, K.P. (1997) *Artificial surfing reef planned*. Proposed artificial reef at Mt Maunganui. Mount & Papamoa Times; 23 October 1997.
- Mead, S. and Black, K. (1997) *Surf theories wiped out*. Article by Ian Anderson (Melbourne) in New Scientist. No. 2098. p. 22, September 6, 1997.
- Mead, S., K.P. Black and J.A. Hutt (1997) *Onshore Offshore - Surfing Theory of Relativity*. Bi-monthly column, New Zealand Surfing Magazine, September/October 1997.
- Mead, S. and K.P. Black (1997). *Onshore Offshore - Banks, Waves and grains of sand*. Bi-monthly column, New Zealand Surfing Magazine, July/August 1997.
- Mead, S. and Black, K. (1997) *ARP, Artificial Reefs Program. Regular column presenting information about coastal oceanography and beaches* in “New Zealand Surfing” magazine. May/June issue, 1997. p. 22-25.
- Black, K., de Lange, W., Green, M., Hume, T., Mead, S., Hutt, J., Sayce, A., Andrews, A. (1997) *Artificial Reefs Program. 2-page article in New Zealand Surfing describing outcomes of the “Artificial Reef Programme”*. May/June issue, 1997. p. 24-25.
- Mead, S. and Black, K.P. (1997) *Onshore Offshore - A Column About Surfing and Our Coast*. Bi-monthly column presenting information about coastal oceanography and beaches in “New Zealand Surfing” magazine. Jan/Feb issue, 1997. p. 26.
- Black, K., de Lange, W., Green, M., Hume, T., Mead, S., Hutt, J., Sayce, A., Andrews, A. (1996) *Artificial Reefs, Dropping into the ledge*. Issues section of Groundswell, a New Zealand Surfing publication describing outcomes of the “Artificial Reef Programme”. June 1996.

Black, K., de Lange, W., Green, M., Hume, T., Mead, S., Hutt, J., Sayce, A., Andrews, A. (1995) *“Artificial Surfing Reefs: Fact, fiction or just around the next headland?”* Groundswell, a New Zealand Surfing publication. Article describing the Artificial Reef Programme and beach research. December 1995.