



Jai Davies-Campbell

Nationality: New Zealand Maori

Profession: Environmental Scientist

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PRESENT POSITION:

- Environmental Scientist, eCoast Marine Consulting and Research.

SPECIALISATION:

- Environmental Sciences, Image Analysis, Model Development, Surf Break Morphological Analysis, Engineering Geology

YEARS OF EXPERIENCE:

- Consulting as since 2018

KEY QUALIFICATIONS:

- MSc (*Hons*) in Earth Sciences, University of Waikato, New Zealand.
- BSc majoring in Environmental Science, specialising in Marine Sciences, University of Waikato, New Zealand.

PROFESSIONAL MEMBERSHIPS:

- New Zealand Coastal Society (IPENZ)

PERSONAL STATEMENT:

I am extremely passionate about the environment. I have a strong connection with the outdoors, especially with the marine environment. I aim to work with and live near the ocean. My energy is focussed toward living a sustainable co-existence with the planet and as a consumer my choices reflect that decision. I have recently taken up spearfishing to provide a sustainable source of food for my family. I am lover of all sports with special interests in triathlon, multisport, skiing and surfing. I work well in team environments and I enjoy socialisation.

WORK HISTORY

June 2018 Present

Environmental Scientist, eCoast Marine Consulting and Research, Raglan, New Zealand.

October 2013 - February 2016

Engineering Geologist, Mark T Mitchell Ltd and Geocon Geotechnical Ltd, Hamilton, New Zealand.

December 2012 - August 2013

Industrial Sales Project Assistant, Holcim McDonalds Lime, Otorohanga, New Zealand

SPECIALISED SKILLS/TRAINING AND OTHER BACKGROUND

- Freshwater and marine biological studies
- Numerical modelling: Delft3D,
- Processing: Matlab
- GIS: Image rectification, Google Earth Pro (KML)
- Professional Associated of Diving Instructors (PADI)
 - Open water Diver 2007
 - Advanced Open Water Diver 2008
- Moderate fluency in German
- Gold Medal at 2015 the World Age-Group Triathlon Championships, Chicago, USA

NATIONAL AND INTERNATIONAL CONFERENCES ATTENDED

- New Zealand Coastal Society (NZCS) Conference Tairāwhiti – Gisborne, November 2018.
- New Zealand Coastal Society (IPENZ) Conference. Tauranga, New Zealand, November 2017.

THESIS

- Davies-Campbell, J. A. T. (2018). The morphology and surf conditions of Aramoana Beach, Otago: A surf break of national significance. Unpublished Master of Science Thesis, University of Waikato, Hamilton, New Zealand.

Publications Summary

Abstracts

2018

Davies-Campbell, J., Bryan, K.R., Hume, T.A., Gallop, S.L., 2018. The Influence of Sand Bar Morphology on Surfing Amenity at New Zealand Beach Breaks. New Zealand Coastal Society (NZCS) Conference Tairāwhiti – Gisborne, November 2018.

2017

Davies-Campbell, J., Bryan, K.R., Atkin, E.A., Hume, T.A., Mead, S.T., Jordan, W., 2017. Protecting Surf Breaks of Regional and National Significance. New Zealand Coastal Society (IPENZ) Conference. Tauranga, New Zealand, November 2017.

Technical Reports (incomplete)

2019

Mead, S. T., and J. **Davies-Campbell**, 2019. *Sediment Sampling, Sediment Depth Probing and Sediment Volume Calculations for the Lower Clive River*. Prepared for Hawke's Bay Regional Council, July 2019.

Mead, S. T., D. Greer, R. McIntosh, J. **Davies-Campbell** and E. Atkin, 2019. *Oceania Ocean Outfall Dispersion Modelling*. Prepared for Babbage Consultants, July 2019.

Mead, S. T., J. and **Davies-Campbell**, 2019. *Naisoso Island 5-Star Development Coastal Hazard Assessment and Beach Design*. Prepared for Naisoso Hotels and Resort PTE Ltd, June 2019.

Mead, S. T., J. **Davies-Campbell** and E. Atkin, 2019. *Naisoso Island 4-Star Development Coastal Hazard Assessment and Beach Design*. Prepared for Relcorp, June 2019.

Mead, S. T., J. **Davies-Campbell** and E. Atkin, 2019. *Naisoso Island Beach Remediation Plan*. Prepared for Naisoso Island Body Corporate Beach Subcommittee, June 2019.

Mead, S. T., J. **Davies-Campbell** and E. Atkin, 2019. *Naisoso Island Beach Remediation Plan*. Prepared for Naisoso Island Body Corporate Beach Subcommittee, June 2019.

Mead, S. T., and J. **Davies-Campbell**, 2019. *Hydrological Assessment: Proposed Docks at Pokeno and Mercer on the Waikato River*. Prepared for Wildlands Consultants, June 2019.

Mead, S. T., E. Atkin and J. **Davies-Campbell**, 2019. *Controlled Marine Rock Removal for Surf Break Creation: East Cape Beach and Surf Club, Baja, Mexico*. Prepared for Range Tree Strategies, May 2019.

Borrero, J. C., S. T., Mead, S. O'Neill, E. Atkin, and J. **Davies-Campbell**, 2019. *Lelepa Island, Vanuatu: An Assessment of the Coastal Oceanographic Environment*. Prepared for Downers, May 2019.

Mead, S. T., J. **Davies-Campbell** and S. O'Neill, 2019. *Review of Resource Consent Application for a Proposed Retaining Wall at 27 Beach Road, Paekakariki*. Prepared for Kapiti Coast District Council, April 2019.

Phillips, D. J., S. T. Mead and J. A. T. **Davies-Campbell**, 2019. *Overland Flow and Coastal Hazard Assessment: 339 Hibiscus Coast Highway, Orewa, Auckland*. Prepared for James Rye.

Davies-Campbell, J. A. T., and S. T., Mead, 2019. *Coastal Hazard Assessment: 344 Triangle Road, Massey, Auckland*. Prepared for Chester Consulting Engineers, February 2019.

Mead, S. T., J. A. T. **Davies-Campbell** and S. O'Neill, 2019. *Seahorse Beach Investments – 1 First Avenue, Tauranga – Coastal Engineering Design*. Prepared for Stratum Engineers Ltd, February 2019

Mead, S. T., J. A. T. **Davies-Campbell** and S. O'Neill, 2019. *East Coast Port Feasibility Study*. Prepared for Pentarch Forestry, January 2019.

2018

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

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

Mead, S. T., J. A. T. **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.

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

Mead, S. T., and J. A. T. **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.