



## HDR Researcher Profile

**Name:** Marie-Laurence Paquette (Mahi)

School of Education

**Program:** PhD



**Thesis title:** Planetary ethics and agentic capacities in business:  
Accelerating the paradigm shift in the Capitalocene

### **Thesis Description** (key theories and methodologies):

Understanding and mapping the transition between the current paradigm of *business as usual* in SMEs and the next paradigm, using theories of poststructuralism, postmodernism and posthumanism as bridging inquiries through methodologies associated with pedagogy of wisdom and experience. The research is conducted with SMEs decision-makers who co-identify and co-map their understanding of planetary ethics in association with potential characteristics of the future of humanity and the Earth described by the academic literature (different futures are explored).

### **Bio (short):**

Mahi Paquette is a PhD Candidate at Southern Cross University, Australia. After completing her bachelor of Environmental Geography (UdeM, Canada) and master's in Use and Conservation of Natural Resources with a focus on coastal oceanography (UFSC, Brazil), she redirected her focus from academic research to community engagement with a desire to bring Earth sciences knowledge closer to communities. Since 2016, Mahi does so by working closely with/for not-for-profit organisations, coordinating teams, campaigns and events with educational purposes. Her current projects, professional and academic, are designed to expand the scope of understanding of social changes associated with planetary conditions and the Earth system as a whole, including human wellbeing. Mahi is passionate about addressing humanity's challenges ahead, especially the ones associated with threats to the life support system such as biodiversity loss, climate change, wealth inequalities, pollution and oceanic changes

### **Published:**

Paquette, M. L., Bonetti, C., Bitencourt, V., & Bonetti, J. (2016). Spatial patterns of benthic foraminifera as a support to the oceanographic characterisation of Arvoredo biological marine reserve (South Atlantic, Brazil). *Marine Environmental Research*, 114, 40-50. doi:10.1016/j.marenvres.2015.12.012

Diederichsen, S. D., Gemael, M. K., Hernandez, A. d. O., Oliveira, A. d. O. d., Paquette, M.-L., Schmidt, A. D., . . . Scherer, M. E. G. (2013). Coastal Management in the City of

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Florianópolis, SC, Brazil: Diagnosis/Gestão costeira no município de Florianópolis, SC, Brasil: Um diagnóstico. *Journal of Integrated Coastal Management/Revista de Gestão Costeira Integrada*, 13(4), 499-512. doi:10.5894/rgci425

Horn Filho, N. O., Schmidt, A. D., Benedet, C., Neves, J., Pimenta, L. H. F., Paquette, M., . . . Santos, C. G. (2014). Estudo Geológico dos Depósitos Clásticos Quaternários Superficiais da Planície Costeira de Santa Catarina, Brasil. *Gravel*, 12(1), 41-107.

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### Posters at conferences:

Paquette, M. L. (2019) Understanding planetary ethics and agentic capacities for small and medium-sized enterprises (SMEs) decision-makers. *Australian Association for Research in Education (AARE) Conference*, Australia.

Bonetti, C., Pereira, M., Mussi, C. S., Paquette, M. L., Bonetti, J. (2018) Identification of submarine morphodynamics zones from biosedimentological indicators: Applications for studies in paleoenvironmental reconstruction. *XII Sinageo - Simpósio Nacional de Geomorfologia*, Brazil.

Mireless, R. P., Rodrigues, A. R., Paquette, M. L., Bonetti, C. (2017) Associações de ostracodes e foraminíferos bentônicos da reserva biológica marinha da ilha do Arvoredo (Santa Catarina, Brasil). *XVI Congresso ABEQUA*, Brazil.

Paquette, M. L., Bonetti, C., Bonetti, J. (2014) Spatial Variability in Oceanographic conditions and benthic productivity in Arvoredo biological marine reserve (Santa Catarina State, Brazil) using foraminifera as proxies. *International Symposium on Foraminifera (FORAMS)*, Chile.

Paquette, M.L., Bonetti, C., Bonetti, J. (2013) O genero Globocassidulina (foraminifera) como bioindicador do gradient continente-oceano na plataforma continental de Santa Catarina. *Semana Nacional de Oceanografia (SNO)*, Brazil.

Paquette, M. L., Monteiro da Silva, R. A., Parizotto, B., Bonetti, C. (2012) Foraminíferos como indicadores de aporte orgânico na plataforma interna de Santa Catarina. *II Workshop Antropicosta IberoAmerica: Coastal Management and Challenges*, Uruguay.

Nascimento, L. V. R. P., Pacheco, F. C., Paquette, M. L., Abreu, J. G. N., Bonetti, J. (2011) Caracterização sedimentológica da área de entorno da reserva biológica marinha do arvoredo com base na proporção entre areia e lama. *XIII Congresso ABEQUA*, Brazil.

**Principal Supervisor:** Amy Cutter-Mackenzie-Knowles

**Co-Supervisors:** Alexandra Lasczik



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