

Dr. Lorna Little

New Zealand Maori

Personal Profile

I am a project /community manager and science communicator, with substantial experience in managing and communicating research in hydrology and polar sciences. I enjoy building connections between different groups, sharing scientific information and engaging a wide-ranging audience in research outcomes for the benefit of society.

Qualifications

- ◆ Doctorate in Philosophy (2014), University of Otago, New Zealand, in collaboration with the University Centre in Svalbard (UNIS).
- ◆ Post Graduate Certificate of Antarctic Studies (PCAS) (2009), University of Canterbury, New Zealand
- ◆ Bachelor of Science in Botany with Honours (2008), University of Otago, New Zealand

Work Experience

Swedish Meteorological and Hydrological Institute (SMHI)

October 2015 to present

Project and community manager, science communicator

- Management of FP7, ERA4CS, H2020 research projects and Copernicus contracts in close collaboration with Principal Investigators, which involves:
 - Managing cooperative, international scientific programs and partners, leading working groups, completing regular reporting to document project results and outcomes.
 - Organising international meetings, assemblies, exhibition booths and workshops. Recording meeting minutes, taking care of logistics, solving arising issues and hosting participants.
 - Implementation of Key Performance Indicators, subsequent tracking of progress as well as preparing and executing communication and data management plans.
 - Presenting research outcomes at national and international meetings and conferences.
 - Drafting content for communication and engagement in proposals and applications.
 - Responsibility for completing international and intercultural case studies within projects/contracts and reporting progress.
 - Managing project websites to ensure content is up-to-date and relevant (in WordPress, Joomla!).
- Climate-friendliness Officer within a research project, reporting emissions, finding inspirational examples to follow and new solutions for minimising impacts.
- Engagement of actors from different cultural and scientific backgrounds world-wide in different online services and research activities.
- Implementation of a communication strategy for the unit, collecting key activities to be communicated, writing tweets, summarising twitter data to demonstrate value of the account, designing further initiatives.

Climate and Cryosphere Project Group (CLiC)

May 2014 to June 2015

FrostByte Video Editor-in-Chief

- Discussed podcast submissions with scientists from multiple polar disciplines, provided feedback on content of podcasts.
- Edited, finalised podcasts for distribution, uploaded content to website, blog and iTunes channels.

European Polar Board (EPB)

April 2015

Rapporteur for EPB Plenary

- Assisted with preparation of plenary session, recorded full minutes of the plenary meeting, drafted final report document with one other rapporteur.

Association of Polar Early Career Scientists (APECS) - Oceania Chapter

January 2012 to September 2015

Executive Committee member - Communications (New Zealand)

- Organised social and educational workshops specific and events for APECS members (Speed Meet 'n Greet, Leadership in Polar Regions, Social Media for Polar Scientists), used social media to advertise upcoming events and information relevant to early career researchers.
- Took part in international networking events among Antarctic and Arctic scientists, became familiar with different scientific disciplines in polar sciences.

University of Otago and the University Centre in Svalbard

June 2010 – December 2013

PhD research – The Polar Palette - The Role of Flower Colour in Polar Regions

- Created international networks of colleagues within Arctic and Antarctic science communities.
- Well versed in scientific literature about flower colour, plant reproduction, polar environments and floral biology.
- Designed studies comparing heating, insect attraction and seed production of different flowering species in the Arctic and Sub-antarctic.
- Led multiple field expeditions, conducted experiments and coordinated field assistants to test floral heating, insect attraction, seed production in 2010, 2011 and 2012 in the Arctic and NZ Sub-antarctic.
- Role as polar bear guard, team leader and science help during course cruises in the Arctic.
- Analysed, modelled, and graphed data where appropriate using R, Genemapper, Primer, interpreted and discussed results in written scientific thesis, presented conclusions at conferences.

Other Experience

- PRINCE2 Project Management Certificate – to be completed June 2020.
- Strategic Communication planning course, 2020.
- Running fun, interactive activities during workshops in St Lucia, Cambodia with local participants as guidance in using climate change data and information (September 2019, February 2020).
- Certified in Plain English for Communication, 2019.
- Seamanship - crew member sailing around the north-west corner of Svalbard, July 2018 and across the Pacific Ocean from Tonga to Hawaii, May-June 2017.
- Praktiskt Projekt Styrning (2015), Tieto, Norrköping, Sweden.
- Assorted polar and alpine experience –during field work in Svalbard, the New Zealand Sub-antarctic, Antarctica and the New Zealand Alpine region.

Published Papers

- **Little, L.**, Muller, E., Dickinson, KJ., Lord, JM., Bronken Eidesen, P. 2016. Biogeographical Journal of the Linnean Society. Glaciation, bumblebees and flower colour distribution in the Pan Arctic Flora.
- **Little, L.**, Bronken Eidesen, P., Muller, E., Dickinson, KJ., Lord, JM. Heating of leaves and flowers in Subantarctic Megaherbs. 2016. Polar Ecology
- Solstad, H., Eidesen, P. B., **Little L.**, and Elven, R. 2014. To valmue-arter på Svalbard, og litt on fjell- og polarvalmuer. Blyttia 72: 187 - 196.
- Mark, A., Molau, U., Whigham, P., **Little, L.**, and Nielsen, J. A periglacial tarn on the Rock and Pillar Range crest, south-central New Zealand, and its surrounding snowbed ecosystem. 2015. Austral Ecology
- Lord, JM., Huggins, L., **Little, L.**, Tomlinson V. Floral biology and flower visitors on subantarctic Campbell Island. 2013. New Zealand Journal of Botany, 51 (3): 168 – 180.