PNG deep-sea biodiversity exploration and PNG views of it

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Impacts from the Expeditions-as seen from PNG Perspective

- 1. Exposure to foreign experts in various skills and field know-how in species collection, storage, transport, identification and DNA bar-coding...over 20 students & staff involved
- 2. Deep-sea biodiversity data and its relevance to mining exploration under sea (Solwara 1 Project by Nautilus at Bismarck sea and Deep-sea tailing placement system at Basamuk bay for Nickel mining operation. Pacific Marine Industrial Zone development at Madang Lagoon area.
- 3. Follow-up research such as anthropological work at Kavieng by Ariadna 2015 and CO2 seep system an Milne Bay and Kavieng 2016. Prof Bouchet hunt for rare snails...and appeal for one more expedition to cover southern part of PNG to compete the entire country
- 4. Writing papers and publications

BioPapua Deep-sea Expedition 2010













BioPapua Samples



BioPapua Expedition 2010











Prof. Shao of Academia Sinica 2011





Visit to NMNH Paris 2012











Papua Niugini Expedition 2012











2012 Team











Samples at Basamuk Bay 2012









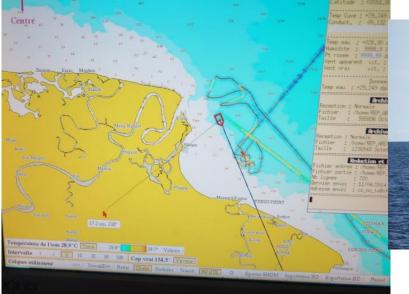


MADEEP and Kavieng Expedition 2014









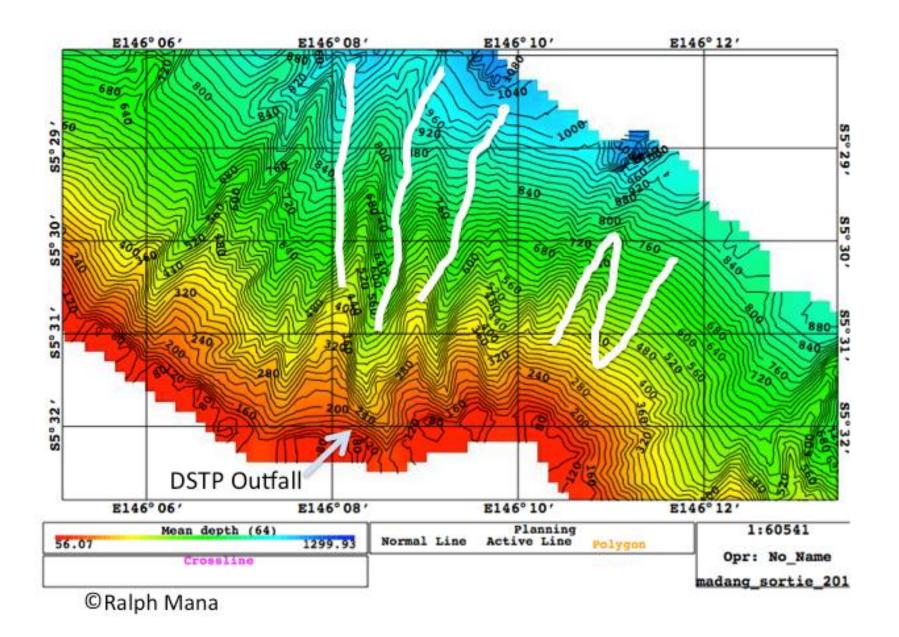
MADEEP Kavieng Expedition



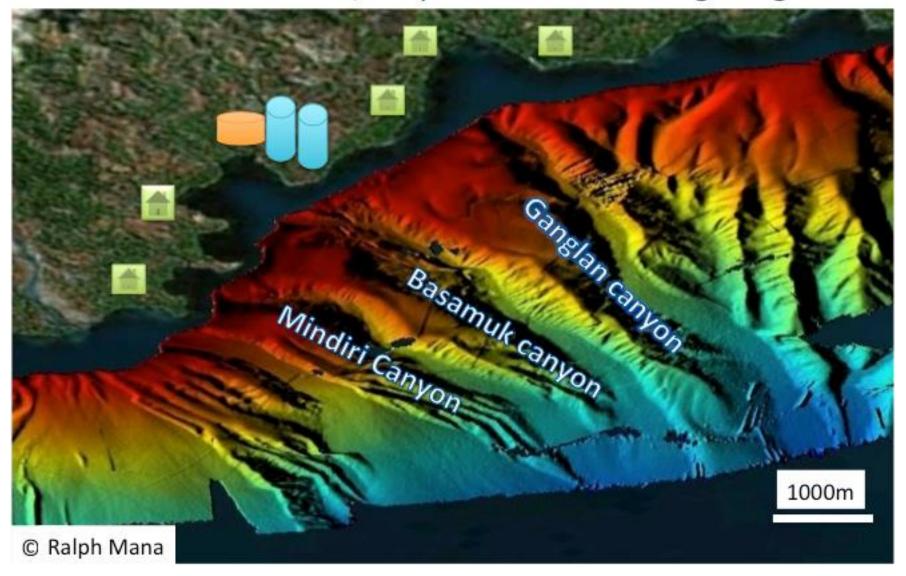




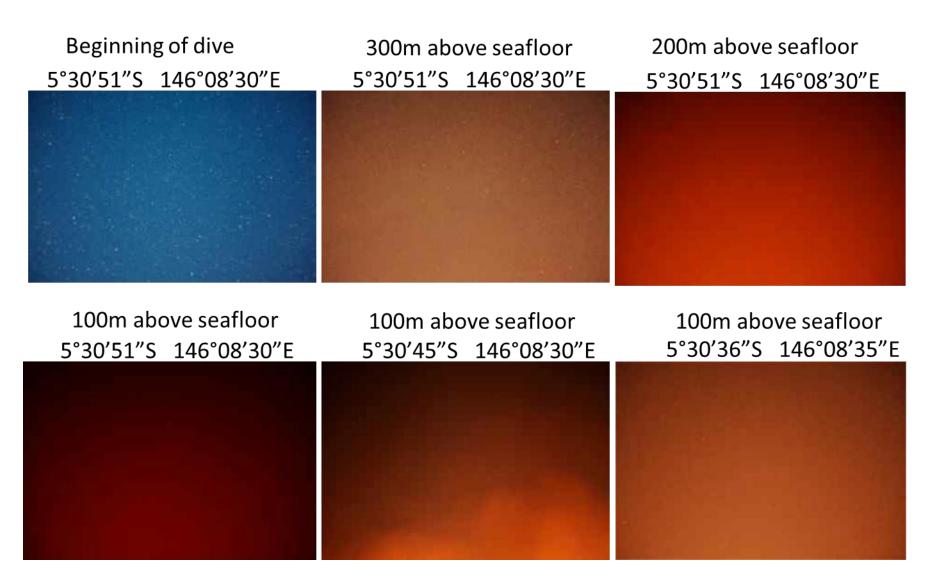




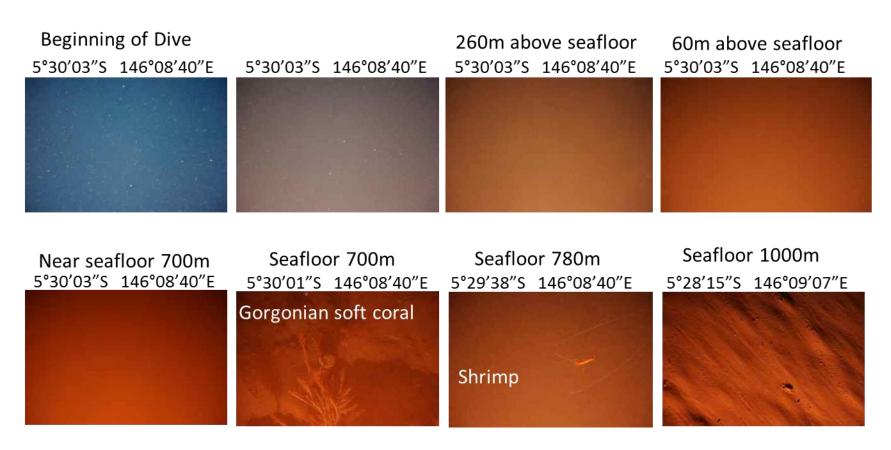
Nickel Cobalt Plant, Canyons and Surrounding Villages



Basamuk Canyon Dive at 560m deep



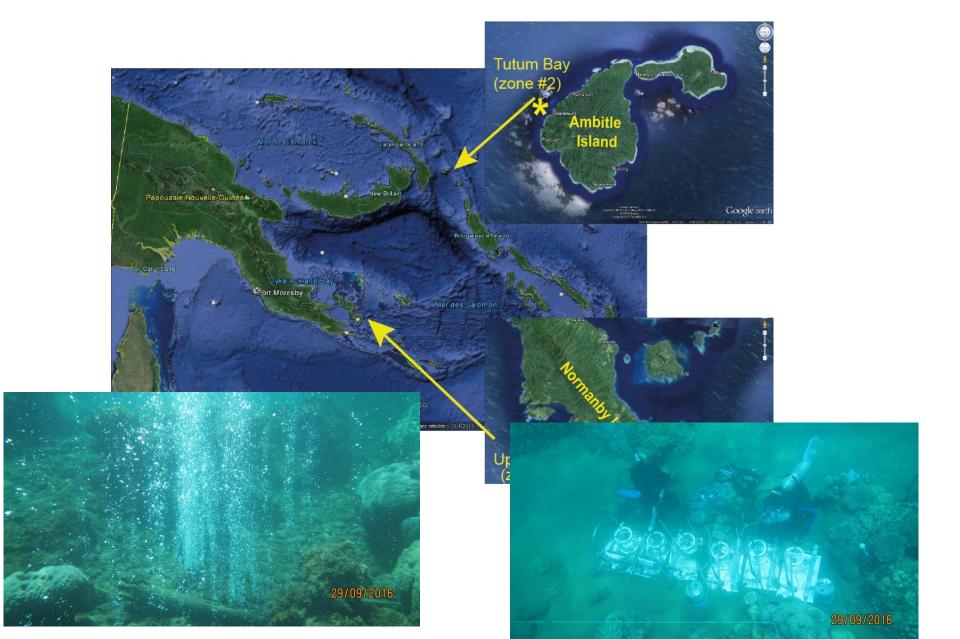
Basamuk Canyon Dive at 700m deep



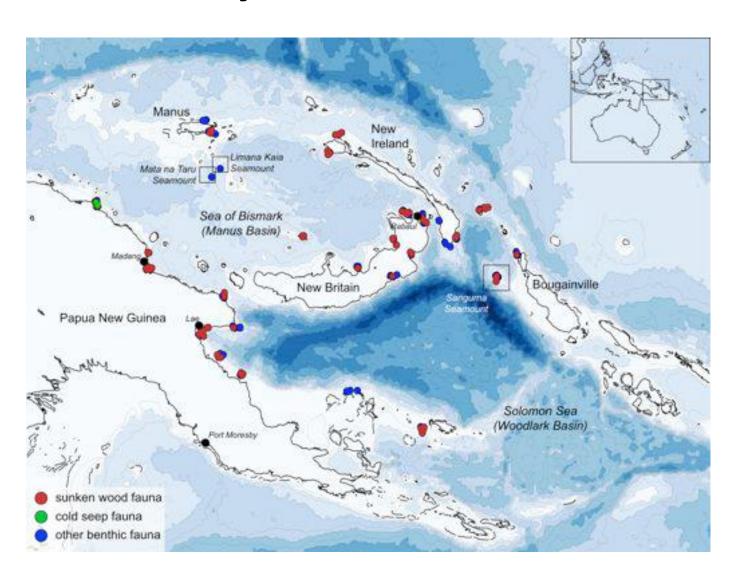
MADEEP Kavieng Expedition 2014



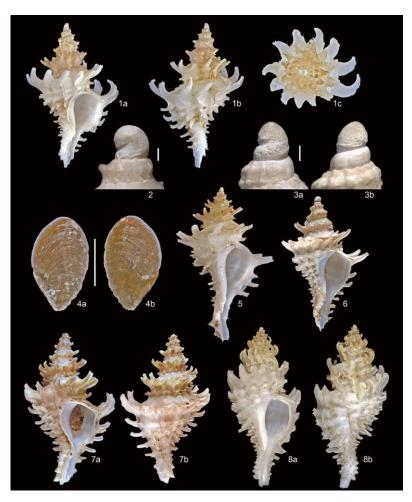
Marine Scientific Research at CO₂ Seeps within Milne Bay Province and New Ireland Province by Riccardo Rodolfo Metalpa of IRD



Southern Region Needs to be Inventoried-Milne Bay to Western Provinces



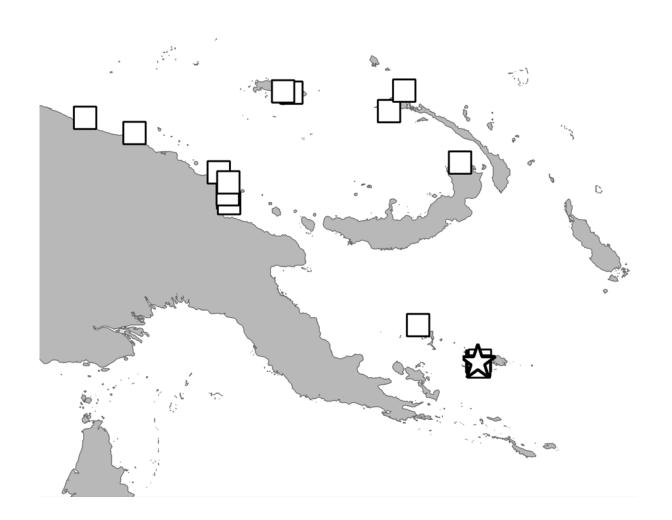
New seashell named after me



Scabrotrophon manai

My heartfelt appreciation goes to the 2 authors Professors Roland HOUART and Virginie HÉROS

Etymology. — Named after Ralph Mana, professor at University of Papua New Guinea, and the counterpart of Sarah Samadi and Philippe Bouchet for the MNHN expeditions in Papua New Guinea. Dr Mana was a participant in both the BIOPAPUA and PAPUA NIUGINI expeditions.



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- I also want to mention Alice for her time and energy in getting the pieces together so I can be here at the sysposium
- Finally but not the least my appreciation goes out to all who make this event a successful one.