



ASM Visiting Speaker Presentation

Dr Vanessa Bailey

Biological Systems Science
Earth Science, Team Lead
Pacific Northwest National Laboratory
Richlands Washington State

“Through the Eye of the Needle: Microbes, Water, and their Connection through Soil Pores”

Come and join us for what is sure to be a fantastic evening!

When: Thursday 14th February 2019, 6pm

Where: University of Melbourne
BioSciences 1 Building, Room G26
*See next page for map – enter through BioSciences 2 main entrance on
Professor’s Walk near University House*

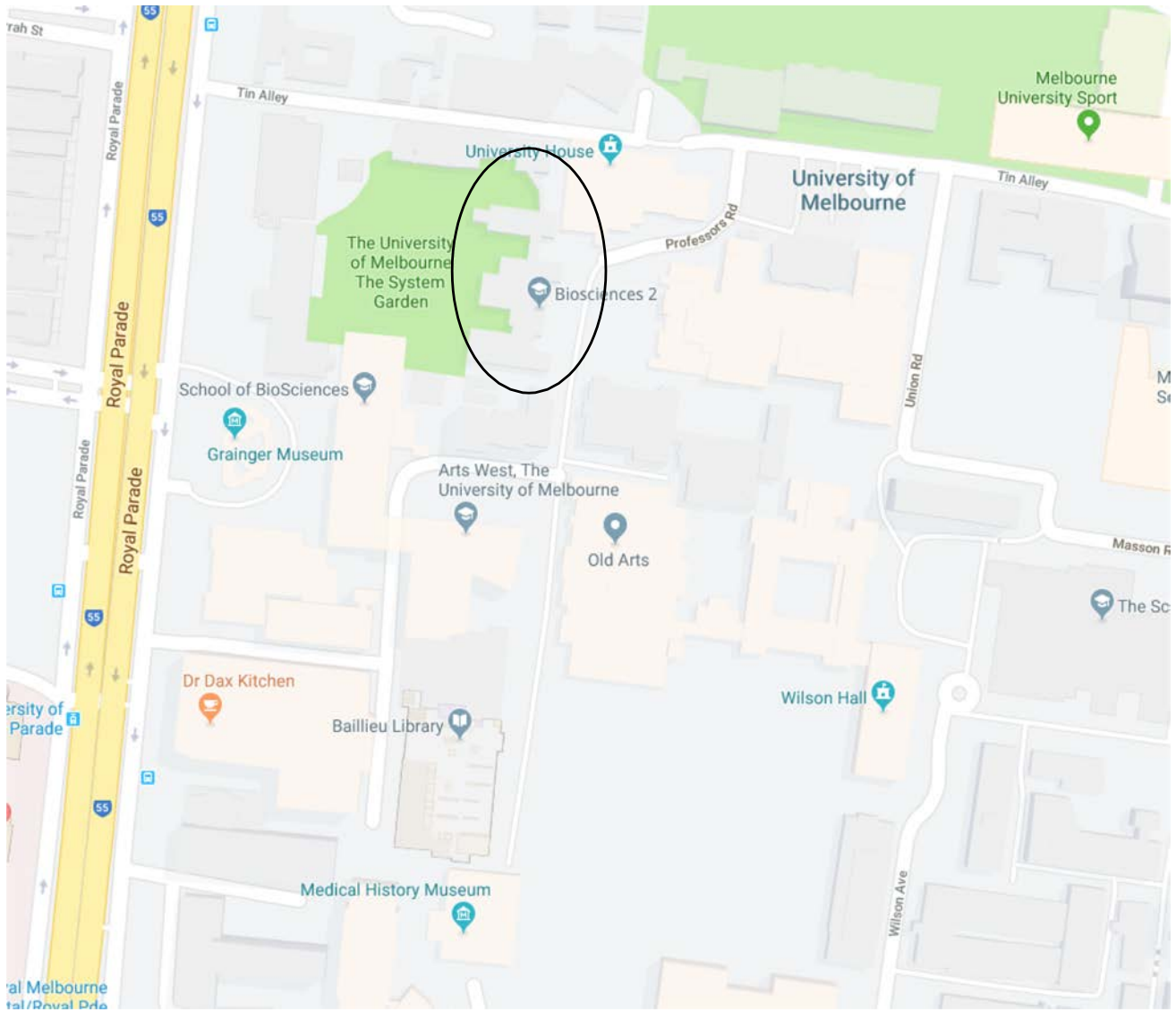


Dr. Bailey’s research addresses the role of soil physical structure on microbially-mediated soil C cycling. This research includes a focus on the role played by water as a solvent and transport agent in soils, and uses a suite of molecular chemical and multi-omic approaches to answer questions about the stability and vulnerability of soil carbon. Her research is conducted both in the field, where landscape processes are observed and soils sampled, as well as in the lab where studies occur in controlled microcosms.

Research Interests

Microbial community composition and functional potential
Soil microbiology
Carbon cycling
Metagenomics, metabolomics
Terrestrial-aquatic ecosystems

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Enter through BioSciences 2 main entrance (below), turn right after entry and continue along corridor to BioSciences 1 (through large swing door)

