

# Plant, Soil & Environment Systems Seminar Series

When: **12 - 1pm Wednesday, April 27**

Where: **W83/Zoom Meeting ID: 870 7219 0898 Passcode: 541068**

## Pollution Science with Carolyn Sonter and Nicola Forster



UNE's Pollution Science Research Group investigates the cycling, processing and fate of contaminants in terrestrial systems and provides solutions for management, rehabilitation and remediation. Their work includes legacy pollutants as well as emerging concerns such as microplastics. Current research projects bridge both environmental chemistry and ecotoxicity, and include investigating the effects of PFAS on honeybee behaviour and health, the comparative geochemistry of arsenic and antimony, the effect of recreational activities such as trail running on microplastic contamination in soils, and the degradation and persistence of glyphosate in soils of ecologically-sensitive islands. Working closely with industry, national and international collaborators, their projects fill research gaps needed to develop policy and practise for long-term environmental sustainability. The team is supervised by Susan Wilson and Matt Tighe, and based in the School of Environmental and Rural Science.

Our seminar this month will showcase the work of PSRG PhD candidates Carolyn Sonter and Nicola Forster.