



What will future sustainable farms look like?

Dead Stuff and Invisible Things

Organic Matter and Microbial Activity as the Basis of Soil Health



10.00 AM to 3.00 PM, Friday, 29 September 2017

Southern Cross University

Cost: \$20.00 - Coffee/Tea on arrival and lunch provided



Dr Neil Wilson is a postdoctoral research fellow in the Sydney School of Agriculture, specialising in the molecular biology and ecology of agriculturally relevant microorganisms. Neil is passionate about communicating the latest developments in the field of molecular microbiology with people across the food industry, from growers to retailers. He engages directly with farmers on a regular basis, speaking frequently at soil health meetings and field days.

At this seminar Neil will explain the importance of microbial activity for plant and soil health in an accessible, but not over-simplified manner.

The potential for simultaneously improving soil health and agricultural productivity through harnessing plant-microbe interactions will be highlighted through examples drawn from recent top-tier scientific literature.

- Parallels between the roles microbes play in human health, plant health, and soil health.
- Turnover of organic material through microbial activity as the cornerstone of soil health.
- Old farming practices done in a new way - the emerging field of microbiome engineering (management and/or manipulation of plant associated microbes for desired outcomes).
- Future prospects for sustainable agriculture. What will future sustainable farms look like?

Bookings required to SoilCare at info@soilcare.org or ring Mike on 0412 287 980.

Book before 6.00 PM, 25 September 2017.



Environmental
Analysis Laboratory

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Landcare
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