

Duncan Worrall

Outline

SOLs: BIO.1, BIO.2, ES.1

1. Introduction

- Background of PINEMAP
- My work over the summer

2. Talk about the interaction between soil and trees

- Talk about Macro/Micronutrients
- Talk about sub-soil layers
- Talk about how nutrients and carbon move throughout soil

3. Show graphs and maps and explain their significance for looking at distribution of soils.

4. Interactive activity

- Bring in a soil profile and have students identify soil horizons and look at properties of soil( eg. Fine grain, sand vs. clay, organic content ect.)

5. Conclusion