



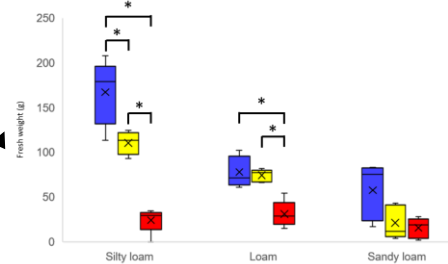
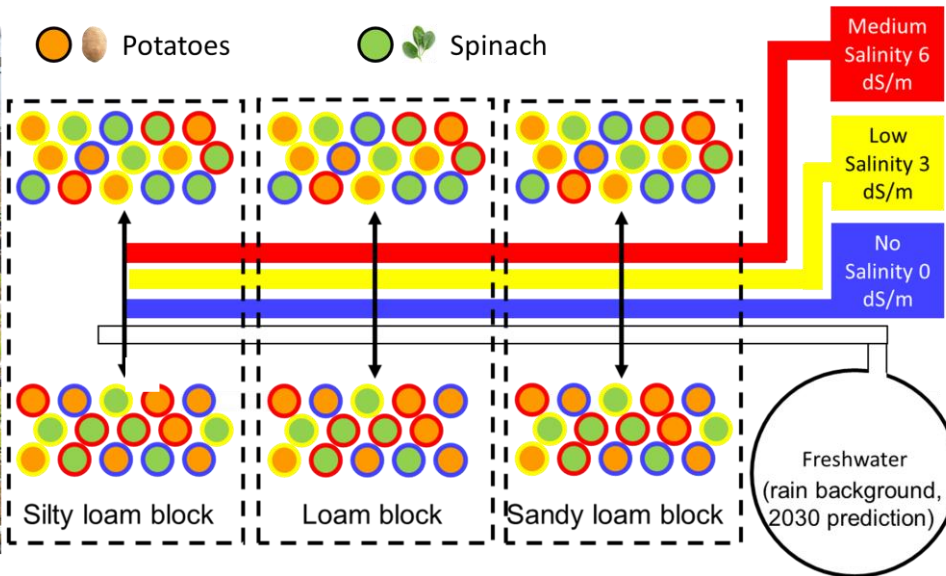
Teaching agricultural soil biology to support sustainable crop production under pending climate change conditions by semi-saline irrigation

Anais Chanson¹, Iain J. Gould², Nadia Castanheira³, Ana Marta Paz³, Asgeir R. Almas⁴, Matthew R. Goddard¹

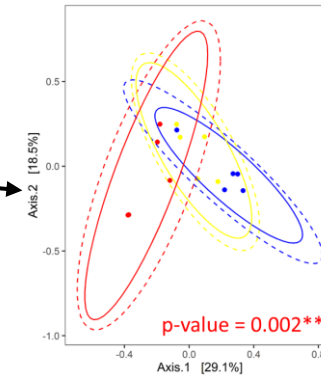
- 1. School of Life and Environmental Sciences, University of Lincoln, Lincoln LN6 7DL, UK
- 2. Lincoln Institute for Agri-Food Technology, University of Lincoln, Lincoln LN6 7DL, UK
- 3. Instituto Nacional de Investigação Agrária e Veterinária (INIAV)
- 4. Norwegian University of Life Science, Faculty of Environmental Sciences and Natural Resource Management, Ås, 1432, Norway



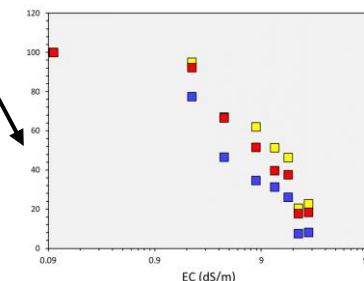
achanson@lincoln.ac.uk



Only higher salinity treatment had a negative impact on crop yield



Salinity treatment will have an impact on soil bacterial communities



Different salinity treatments resulted in different adaptive responses