### JOB DESCRIPTION

Ref: A3447

<table>
<thead>
<tr>
<th>Job Title: Senior Research Associate - Plant-Soil Interactions</th>
<th>Present Grade: 7</th>
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<tr>
<td>Department/College: Lancaster Environment Centre</td>
<td>Directly responsible to: Professor Nick Ostle</td>
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<td>Supervisory responsibility for: Supervision of undergraduate and postgraduate students</td>
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**Other contacts**

**Internal:** Academic, research and technical staff. Professional services staff.

**External:** Working with PIs, RAs and support staff at Lancaster University and across the Tudi EU Consortium.

**Major Duties:**

- Designing, planning, and executing field/laboratory experiments in the UK and across the TuDi consortium.
- Physical and biogeochemical analyses of grassland plant and soil materials.
- Root architectural and functional analysis
- Use of instruments for greenhouse gas and isotope measurements.
- Statistical analysis and interpretation of data, writing up and publishing of results in high impact journals.
- Presentation of results at project meetings and conferences.
- Organisation of workshops, meetings with project partners and stakeholders.
- Completion of project milestones in an organized and timely fashion, and writing project reports for the funder.
- Appropriate collaboration with co-investigators on the project.
- Any other duties as may be reasonable required by the line manager.