# JOB DESCRIPTION

<table>
<thead>
<tr>
<th><strong>Job Title:</strong></th>
<th>Postgraduate Research Assistant in Greenhouse Gas Measurement</th>
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</thead>
<tbody>
<tr>
<td><strong>Department / Unit:</strong></td>
<td>Earth Sciences</td>
</tr>
<tr>
<td><strong>Grade:</strong></td>
<td>RHUL 6</td>
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<tr>
<td><strong>Accountable to:</strong></td>
<td>Reader</td>
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</tbody>
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## Key Tasks

Required to assist with the following tasks –

- Mobile methane measurement surveys – set-up and operation of instruments
- Collection of air samples
- Analysis of air samples by CRDS and GC-IRMS
- Data calibration and harmonization
- Production of methane maps using Arc-GIS

Will involve a few long field days during surveys and occasional 2-day surveys with one night away from RHUL.

## Other Duties

The duties listed are not exhaustive and may be varied from time to time as dictated by the changing needs of the College. The post holder will be expected to undertake other duties as appropriate and as requested by his/her manager.

The post holder may be required to work at any of the locations at which the business of Royal Holloway is conducted.