**JOB DESCRIPTION**

**Field-data Technician, Vacancy Ref: N2456**

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Field-data Technician (Q-NFM research project)</th>
<th>Grade 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department/College:</td>
<td>Lancaster Environment Centre</td>
<td></td>
</tr>
<tr>
<td>Directly responsible to:</td>
<td>Dr Nick Chappell</td>
<td></td>
</tr>
<tr>
<td>Supervisory responsibility for:</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Other contacts**

**Internal:**
Other researchers on the project.

**External:**
Farmers and land owners at research sites in Cumbria, Cumbrian research partners including NGOs, Environment Agency, etc.

**Major Duties**

The Q-NFM research project seeks to quantify the benefits of farm interventions for mitigating flooding for communities at risk in Cumbria. This post-holder will be collecting experimental data to support this locally and nationally important work.

**Job duties:**

1. Three days per working week at Lancaster University, quality checking of field data and quantifying dynamic relationships between field data (rainfall, storage volume, overland flow, streamflow etc) using CAPTAIN Tools in Matlab in liaison with the Q-NFM Principal Investigator.
2. One day per working week servicing gauging stations, raingauges and level loggers at Cumbrian sites.
3. One day per working week measuring soil permeability, soil moisture content and channel characteristics.
4. Periodically, contributing to project meetings, stakeholder meetings and academic conferences/workshops.
5. Periodically, contributing ideas and materials to reports, journal papers and presentations.