

**JOB DESCRIPTION**  
**Lectureship in GeoSpatial Data**  
**Science Vacancy Ref: N2928**

<b>Job Title</b> Lectureship in GeoSpatial Data Science	<b>Grade:</b> 7 / 8
<b>Department/College:</b> Lancaster Environment Centre and UK Centre for Ecology and Hydrology (UKCEH)	
<b>Directly responsible to:</b> Dean of Faculty of Science and Technology and Head of Environmental Informatics, Centre for Ecology and Hydrology	
<b>Supervisory responsibility for:</b> Postgraduate students and research associates	
<p><b>Other contacts</b></p> <p><b>Internal:</b> Directors of CEEDS, LEC Associate Directors, GsDS Group academic colleagues, LEC academic colleagues, LEC Enterprise and Business Partnerships team, collaborating research groups, teaching and administrative teams, colleagues &amp; students, colleagues in other depts. Particularly the Data Science Institute.</p> <p><b>External:</b>          Colleagues in the UK Centre for Ecology and Hydrology (UKCEH), Research Councils and other funding bodies, employers, business organizations, international research/HE institutions, professional bodies, local and national government departments and organizations, academic and research networks, potential students and their parents.</p>	
<p><b>Major Duties:</b></p> <ul style="list-style-type: none"> <li>• Pursuing world-leading research in the area of remote sensing and deep learning and object-based image analysis applied to land cover change and agriculture, which supports the strategic aims of LEC and UKCEH; publication of research outputs in high impact remote sensing and related journals</li> <li>• Contributing to major national and international research projects and initiatives; presenting research at leading national and international conferences; developing the esteem of LEC and UKCEH</li> <li>• Contributing to advancing research and teaching collaborations with international partners</li> <li>• Designing research projects which lead to outputs, outcomes and impact; developing research in collaboration with the other CEEDS members, the LEC GsDS group, the wider University and UKCEH</li> <li>• Contributing to the multi-disciplinary research activities of LEC and UKCEH and supporting achievement of the overall research strategies</li> <li>• Writing and winning grants and other applications for research funding</li> <li>• Mentoring and supervision of research associates and other staff</li> <li>• Communication of research to a wide audience</li> <li>• Design, development and delivery of lectures, tutorials, workshops, practicals and/or field courses at undergraduate and postgraduate level in an appropriate subject area, particularly drawing on the UKCEH link.</li> <li>• Assessment of coursework, examinations and dissertations and providing appropriate feedback to students</li> <li>• Pastoral care, support and guidance of students</li> <li>• Development of teaching skills and practice</li> <li>• Administration of teaching and research, according to the strategic aims of LEC</li> <li>• Supervision of undergraduate and postgraduate projects</li> <li>• Provision of sabbatical cover when necessary</li> <li>• Attending and participating in academic staff meetings and meetings of other University committees</li> <li>• Other duties, appropriate to the skills and experience of the post-holder, as assigned from time to time by the Director of LEC or the Dean of the Faculty</li> </ul>	