



COILLTE Cuideachta Ghníomhaíochta

Ainmnithe



#JOB-2422833



COILLTE, Unit 5, Castletroy Bus Pk, Plassey

Park Road, Co. Limerick, V94 C780



No of positions : 1



Paid Position



41 hours per week



Competitive



08/12/2025



05/01/2026

How to apply

Application Method :

Please apply to the vacancy by the following means:

URL :

<https://www.coillte.ie/careers/current-vacancies/>



Open your camera
app & point here
to view this ad
online



EO Modeller

Application Details

In order to work in Ireland a non-EEA National, unless they are exempted, must hold a valid employment permit. Please review the [Eligibility and requirements for an employment permit](#) if you are unsure of your eligibility to apply for this vacancy.

Job Description

Role Objective

To support the Inventory & Resource Information Lead in the delivery of a multi-source inventory to Coillte Forest by maintaining remote sensing datasets, and by the analysis and interpretation of these data to provide accurate, timely and quality assured resource information.

Terms and Conditions

Reports to: Inventory and Resource Information Lead

Contract: Permanent

Location: Limerick (or by agreement)

Responsibilities

Planning & Support

- Maintain and organise Coillte Forest's EO data archives.
- Process and analyse satellite, LiDAR and other EO data using appropriate programming languages to deliver key forest resource information.
- Derive key resource information, and produce reports and map outputs to meet the information needs of Coillte Forest.
- Assist with the rapid development of new workflows to address key business process needs in inventory, in particular using Machine Learning and AI techniques
- Implement image segmentation & modelling techniques for LiDAR-based parameter estimation.
- Develop web-based approaches for disseminating EO datasets

People & Culture

- Support a strong culture of operational excellence and continuous improvement.
- Support the simplification of business processes to reduce complexity.
- Develop strong collaboration within the Resource team and with Business Area Unit

(BAU) Resource Managers to ensure inventory supports strategic and tactical planning.

- Act as a visible role model for the Group's values.

External Focus

- Develop and maintain a network of technical experts in the field of EO.
- Support the building of strong relationships with key agencies (OSI, Forest Service, GSI etc.).
- Support forest planning-related regulatory, consultation and certification processes to ensure that forest activities are planned in compliance with legal and certification requirements.

Behavioural Competencies

- Resilience: Proven ability and track record in working in a fast paced and dynamic work environment.
- Problem-Solving: Proactive in identifying emerging issues and addressing them promptly by working on own initiative with proven capability and effectiveness in problem solving.
- Analytical: Exceptional and demonstrable analytical skills.
- Discretion: Personal credibility and a proven ability to maintain discretion and confidentiality.
- Organised: Ability to achieve deadlines when required and to effectively prioritise between competing demands with exceptional organisation skills.
- Collaboration: Excellent interpersonal skills to build effective relationships with colleagues, stakeholders and peers.
- Report Writing: Strong report writing skills and an ability to present information clearly and concisely.
- Time Management: Efficient management of time and resources.

- This vacancy is suitable for Remote/Blended working

- **Sector:** agriculture, forestry and fishing

Career Level

- Experienced [Non-Managerial]