



An tSeirbhís Páirceanna Náisiúnta
agus Fiadhúlra
National Parks and Wildlife Service

Research Assistant Role in Peatland Mapping - Expressions of Interest

The multidisciplinary AI2Peat project has a potential opening for a full-time research assistant role – for up to 12 months - to support the ecological, hydrological and topographical mapping of Irish peatlands. The main responsibilities would be to assemble remote-sensing or other geospatial datasets as input for machine learning (ML) pipelines that enable automated, national-scale peatland mapping. The role would likely also involve analysis and quality-control of the related ML output products (e.g. ecological maps) against field-derived datasets. The AI2Peat consortium is led by CeADAR – Ireland’s centre for artificial intelligence - and is run in close collaboration with the Irish Centre for Research in Applied Geosciences (iCRAG) and with the Irish National Parks and Wildlife Service (NPWS).

Ideally, we would like to work with a person who has a strong background in GIS and/or remote sensing and who holds a degree in ecology, environmental biology, environmental science, earth science or a cognate discipline. Experience of ecological mapping from fieldwork and/or remote sensing would be of great interest. Familiarity with automated mapping, image analysis and machine learning methods would also be highly useful. The role would involve regular and close collaboration between the teams at iCRAG, CeADAR and NPWS.

If we can find a suitable person, the role would begin asap, subject to formal UCD hiring practices and timelines.

If you fit the bill, or feel that someone else might, please let us know!

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