

Dynamic Dunes – Space Monitoring

Code: 51/53

Company: Cornwall Wildlife Trust

Location: Allet, Truro (Or remote as required)

Company Description:

Cornwall Wildlife Trust is one of 46 [Wildlife Trusts](#) working across the UK. With the invaluable support of our volunteers, members and corporate supporters we manage over 50 [nature reserves](#), including an island for wildlife and people in Cornwall. We also work with other organisations and landowners to protect and connect wildlife sites across the county and inspire local communities and young people to care for wildlife where they live.

We are a charity and rely on membership, legacy gifts and donations from our supporters and on the efforts of our 300 regular volunteers to help us make Cornwall wilder. Our vision is to bring about a [Nature Recovery Network](#) to bring back Cornwall's wildlife.

We want to create safe havens in which wildlife can thrive and from which it can spread. We need to inspire people to love and care for the natural environment, and enable more people to experience, enjoy and understand it.

Project Description:

Cornwall Wildlife Trust are looking for an internship that creates a methodology from Earth Observation technologies to monitor sand dune habitats in Cornwall, as part of the wider Dynamic Dunes national project (www.dynamicdunes.co.uk). Dynamic Dunes seeks to restore sand dunes across England and Wales for the benefit of people, communities and wildlife. Through the internship we will support an individual's self-lead learning to gain skills for an environmental-focused data scientist.

Applicant Specification:

The Intern's focus will be around support provision, management, development, analysis and creation of on-going methods using Earth Observation environmentally focused data on nationally important sand-dune habitats.

Academic Specifications:

- Higher degree which include relevant practical or theoretical modules of earth observation methods (or equivalent work experience)

Minimum Requirements:

- GCSE Maths and English grade C or above (or equivalent) and demonstratable working experience of subject area

Preferred Additional Requirements:

Desirable requirements:

- Develop desktop and cloud-based technologies to show benefit to the Community, Cornwall Wildlife Trust and partners practical Dunescape delivery.
- Source, Interrogate, manage and develop Earth Observation data platform outputs.
- Improve the usage and scope of Earth Observation data at Cornwall Wildlife Trust Dunescape project.
- Broad understanding of environmental data management; associated computer software and proven ability in use of GIS to display environmental data
- Self-motivated with a consultative, transparent and collaborative style

Further details:

8 weeks full time (or 16 week part time) fixed term contract to be agreed with successful candidate. Virtual Induction Event to be held on 21 June 2021. Ideally to complete before the start of the next academic year. Salary is £356.25 per week (£1,425 per calendar month) gross.

Closing Date for Applications: 5pm Friday 11 June 2021

Applications should be made through the online form on the Satellite Applications Catapult website before the closing date.

<https://sa.catapult.org.uk/work-with-us/space-placements-industry-spin/>

Please note that elements of the form left incomplete will be deemed to render the application ineligible. They will be checked for eligibility and forwarded to the employer. Email applications made to the Satellite Applications Catapult, UK Space Agency, or host organisations will not be processed.