



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Assistant in Clastic Sedimentology, Faculty of Environment



Salary: Grade 6 (£27,511 – £32,817 p.a.)

Reference: ENVEE1386

Fixed-term for 6 months

We will consider job share/flexible working arrangements

Research Assistant in Clastic Sedimentology

School of Earth and Environment, Faculty of Environment

The School of Earth and Environment is seeking to appoint a Research Assistant in sedimentological field data collection and sample collection, preparation and analysis.

Working in the Turbidites Research Group (TRG), you will be required to lead in the collection of sedimentological field data (including the compilation of sedimentary logs and basic mapping), and to collect and process oriented samples for palaeomagnetic analysis, completing the analysis and conducting a preliminary interpretation of the results. You will also collect and undertake the primary processing of samples for biostratigraphic analysis. The biostratigraphic analyses will be conducted independently, but you will assist in the interpretation of these results and will integrate them with those arising from the palaeomagnetic study. Field areas may include Liguria (NW Italy), the Maritime Alps (SE France) and Morocco.

With a Masters degree or PhD in Earth Sciences, you will have excellent administrative, communication and organisational skills. You will have an independent and proactive approach to decision making and exceptional attention to detail. Experience of working on deep-marine clastic systems at outcrop is essential. Experience of palaeomagnetic and foraminiferal/palynological dating of deep marine clastic sediments would be advantageous.

What does the role entail?

As a Research Assistant, your main duties will include:

- To lead in the collection of field data from outcropping examples of deep marine clastic systems, including sedimentary logs and basic mapping, liaising with other TRG group members as appropriate;
- To collect oriented samples of turbidites for palaeomagnetic analysis, preparing the samples, conducting the analysis and interpreting the results;
- To collect samples from (hemi-) pelagic lithologies intercalated with turbidites suitable for biostratigraphic age dating, preparing the samples for independently-conducted biostratigraphic analysis, and integrating the results with those arising from the palaeomagnetic study;



- To participate in the research group and to lead in presenting the results of the research you have conducted;
- Writing reports, undertaking literature reviews and preparing papers for publication, with guidance as necessary;
- Working both independently and as part of a larger team of researchers and stakeholders;
- Contributing to the research culture of the School, where appropriate;
- Continually updating your knowledge, understanding and skills in the research field.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Research Support Assistant you will have:

- A Masters degree or PhD in Earth Sciences;
- Experience of working on deep-marine clastic systems at outcrop;
- Proven ability to work well both independently and as part of a team;
- A flexible and pro-active approach to work with exceptional attention to detail, excellent organisation skills and the ability to prioritise workloads and meet tight deadlines;
- Excellent communication and interpersonal skills;
- An independent and proactive approach to decision making;
- Excellent computer skills and knowledge of ESRI ArcMap, Adobe Illustrator, Microsoft Office (Word Outlook, Excel, Access and PowerPoint) and the Web;
- The ability to work in a discreet and professional manner.

You may also have:

- Experience of palaeomagnetic analyses and foraminiferal/palynological dating of deep marine clastic sediments.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information. Applications should be submitted by **23.59** (UK time) on the advertised closing date



Contact information

To explore the post further or for any queries you may have, please contact:

[Prof. Bill McCaffrey](#), Professor of Clastic Sedimentology

Tel: +44 (0)113 343 6625

Email: w.d.mccaffrey@leeds.ac.uk

Additional information

Find out more about the [Turbidites Research Group](#)

Find out more about the [Faculty of Environment](#).

Find out more about our [School](#).

Find out more about [Athena Swan](#) in the Faculty.

A diverse workforce

The Faculty of Environment has received a prestigious Athena SWAN silver award from [Advance HE](#), the national body that promotes equality in the higher education sector. This award represents the combined efforts of all schools in the Faculty and shows the positive actions we have taken to ensure that our policies, processes and ethos all promote an equal and inclusive environment for work and study.

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found in our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.



Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position, however, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

