



Job Vacancy with Remote Sensing Applications Consultants Limited

Job Title: Remote Sensing Specialist

Location: ESA ESRIIN, Frascati, Italy (on-site)

Availability: Full-time from December 2026, initially until March 2029

Remote Sensing Applications Consultants Ltd (RSAC) is a small company based in the UK with 40 years' experience providing specialist services to developers and users of Earth Observation (EO). For many years, RSAC has placed staff in a team providing scientific and technical support to ESA's Earth Observation programmes within the Science, Applications and Climate Department at its establishment in Frascati, Italy.

We currently have a vacancy for a remote sensing specialist to support ESA's activities related to education and training in Earth Observation.

Role:

The successful applicant will play an important role in developing ESA's Earth Observation education and training programmes, targeting students, researchers and young professionals in particular. They will provide support for projects and external contracts focussed on all aspects of EO applications and be directly involved in preparing, maintaining and delivering materials for training events based on data from the Copernicus and ESA Third Party satellite missions, ESA software (e.g. SNAP), freely available tools (e.g. Jupyter Notebooks, QGIS), and the most up-to-date exploitation methods. Courses range from in-person events to webinars, MOOCs (Massive Open Online Courses) and e-learning events.

The role is performed in close collaboration with a wide variety of teams and experts, within ESA and from other international institutions.

Main Tasks:

- Supporting ESA for the design, organisation and implementation of EO training courses, training tools, educational materials, and related exercises, at all levels (from high schools to university, PhD, and young professionals):
 - interfacing with external points of contact for the organisation of events; contributing to the design of curricula; drafting agendas; reviewing and refining training content; identifying, approaching, and onboarding external expert contributors and internal ESA specialists; coordinating promotional materials and news;
 - interfacing with applicants; coordinating general logistics; delivering lectures, demos and roundtables; providing on-site event coordination and technical support; supervising practical exercises;
 - gathering participant feedback and coordinating post-event video production.
- Supporting ESA to manage existing contracts, reviewing deliverables, suggesting evolution, drafting work orders, assessing proposals, coordinating on-site processes within ESA.

- Supporting ESA at international meetings and leading coordination workshops with global experts, suggesting strategic content, drafting internal ESA reports and contributing to institutional representation and official reports.

Qualifications:

- A University Masters degree in Remote Sensing, Physics, Geography, Environmental Sciences or similar
- In-depth knowledge of optical and radar remote sensing principles and image analysis techniques
- Experience in processing EO data for a variety of applications (especially land applications)
- Experience in customer-facing roles, teaching and in the organisation of events
- Familiarity with GIS analysis techniques
- Programming skills using a range of languages and tools (e.g. Python, RStudio, Jupyter Notebook, Github, Javascript)

Other skills:

- Fluent English (written and spoken), with additional European languages an asset
- Proven presentation skills
- Good technical writing skills
- Experience in cloud computing and machine learning/AI advantageous
- Experience in project management: organisational skills and ability to independently prioritise work
- Pro-active approach to problem identification and resolution
- Ability to communicate well and work in international multi-disciplinary teams
- Professional experience in a similar role advantageous

Applicants must possess the legal right to live and work in the European Union (Italy) and hold all necessary permits and visas by the commencement of employment (RSAC is unable to support visa applications for this position).

Contact:

For further information, contact Tim Pearson at tim@rsacl.co.uk.

To apply, send a CV and covering letter to tim@rsacl.co.uk.

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