



March 2022 Call for expression of interest – scientific trainees

As the science and knowledge service of the Commission, the mission of the Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle. The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/en>

Thematic areas

The JRC focuses on strengthening the knowledge base for policymaking; global challenges (health; culture, creativity and an inclusive society; civil security for society; digital, industry and space; climate, energy and mobility; food, bioeconomy, natural resources, agriculture and environment); innovation, economic development and competitiveness; scientific excellence; and territorial development and support for Member States and regions.

In 2022, the JRC seeks to recruit a number of scientific trainees, in different thematic areas relevant for the organisation. The thematic areas are clustered in 18 fields as listed below. These are not exhaustive and applicants are encouraged to allow their profile to be considered for other fields as well.

1) Digital Humanities. Exploitation of the paper legacy, oral history initiative, digital library, management of scientific publications.

- Relevant for applicants with humanities and/or communications background, digitalisation and knowledge of management of scientific publications.

2) Science communication and scientific networking in a multi-disciplinary environment at the triangle of science-policy-society.

- Relevant for applications with communications and/ or sociology background.

3) Modelling

- Relevant for various profiles and thematic areas, all candidates with modelling knowledge, various modelling tools and techniques welcome.

4) Knowledge management and visual communication, data visualisation (including knowledge management for nuclear safety and decommissioning).

- Relevant for applicants with scientific communications background, from various fields including activities in the nuclear field and decommissioning.

5) Financial markets and corporate finance, Economics, Macro-Economic modelling, Composite Indicators and Scoreboards, Micro econometrics, Applied statistics.

- Relevant for candidates with economic/ statistical/ mathematical background with various applications.

6) Digital transformation, Applications of text mining to large volumes of news, social media and related data and policy documents or scientific publications.

- Relevant for candidates from various backgrounds but with focus on digital transformation, text mining, social media related data, interested in conducting desktop research on various thematic areas.

7) Data science, data processing and analysis (including big data).

- Relevant to all candidates specialised in data analytics and data science, in various thematic areas.

8) Artificial Intelligence.

- Relevant for candidates specialised in artificial intelligence, in various thematic areas.

9) Technology monitoring & assessment and value chain analysis; technology foresight.

- Relevant for all candidates specialised in technology monitoring and assessment activities (TMA), in various thematic areas.

10) Health (incl. Chemical Risk Assessments, non-animal methods) & Food & Feed & Security and Agriculture; Nanomaterials.

- Relevant for all candidates with scientific background in the health area, including focus on food & feed & security and agriculture. Also relevant for candidates specialised in nanomaterials.

11) Nuclear decommissioning; Radioactive waste management; Radiation Protection.

- Relevant for all candidates with scientific nuclear background, including decommissioning.

12) Ecosystem services and Natural Resources.

- Relevant for all candidates with scientific background specialised in environmental issues, with particular focus on ecosystem services and natural resources.

13) Climate Change (Adaptation and Mitigation), Sustainable transport (including technologies), climate neutral cities, air pollution.

- Relevant for all candidates with an interest to conduct desktop research on all indicated thematic areas under this aggregated field (including also modelling, data analysis, mapping, impact assessments/analysis) and experimental work focusing on air pollution and vehicle emissions.

14) Sustainability assessment and SDGs.

- Relevant for all candidates specialised in sustainability assessment and with thorough knowledge of the Sustainable Development Goals (SDGs).

15) Global security and Hybrid Threats.

- Relevant for all candidates specialised in global security and hybrid threats.

16) Energy (hydrogen, batteries, digitalisation, interoperability, energy efficiency, renewables, industrial decarbonisation, heating and cooling, innovation and competitiveness, energy security and markets, social aspects).

- Relevant for candidates with an interest to conduct desktop research in all thematic areas indicated under this aggregated field (including technology and monitoring assessments, modelling, data analysis, mapping) and experimental work focused on photovoltaics, batteries and hydrogen.

17) Business and Resources Trainees: Harmonization, Simplification and Business Analytics sector, e-procurement, document digitalisation.

- Relevant for all candidates specialised in business administration, analytics and digitalisation.

18) Wireless communication, Drones, Global navigation.

- Relevant for all candidates with background in wireless communication/ drones and/ or global navigation.

If a candidate's profile fits in more than one field, he/she should choose the field in which he/she is more specialised.

The scheme focuses on candidates with strong scientific background. However, some fields also give the opportunity for candidates with business and communications profile to apply. Depending on the application fields, candidates will be expected to perform desktop work and/or experimental tasks.

Requirements of the Call

For general eligibility requirements, please read Annex I.

Please note that for this specific call:

- **the language requirements are at C1 level, as explained below.**
- **the call is only open to graduate trainees**

Essential requirements of the call:

The call is open to recent **university graduates** (no more than five years after the last degree awarded) who have completed at least a standard 3-year higher education degree (180 credits), corresponding to a complete Bachelor's cycle, or equivalent, at the closing date of the present call.

The required level of the **English language** is **C1** according to the CEFR (Common European Framework of Reference for Languages). Candidates from Member States must be independent users

of at least two Community languages, one of which should be English. The required level of this second language is C1 according to the CEFR (Common European Framework of Reference for Languages). Candidates from non-Member States must be independent users of at least English. The required level of the English is C1 according to the CEFR (Common European Framework of Reference for Languages).

In addition to meeting the criteria above, candidates who have:

For more than **six weeks** benefited from:

- any kind of traineeship (formal or informal, paid or unpaid) within a European institution or body;
- who have had or have any kind of employment within a European institution or body, including anyone who is or has been an assistant to a Member of the European Parliament
- a consultant or researcher for/ within an European Institution or body
- a temporary staff member within an European Institution or body
- a contract staff member, an auxiliary contract staff member, an auxiliary agent or an interim staff member of any EU institution or body.

are **not** considered eligible.

Selection criteria

Candidates are evaluated anonymously by evaluators and get points on the basis of the following criteria:

- Level of education (minimum – 'bachelor' or equivalent);
- Level of knowledge of English, as one of the three European Commission working/procedural languages;
- Level of knowledge of any other of the official/working languages of the EU as well as in any other European or non-EU languages, if any (for non-EU nationals only one procedural language is compulsory).

All candidates must declare one mother tongue; no points are awarded for the mother tongue and therefore no proof is required.

- Relevant work experience, if any;
- International profile (education/work/volunteering abroad, mobility, aptitude to work in an international atmosphere), if any;
- Papers, publications, participation in conferences/summer schools, if any;
- Motivation and quality of reasoning.

The eligibility of the applications will be assessed by a dedicated team of evaluators.

Not all candidates in the database will be contacted. Being in the database means that you might receive a job offer, but does not constitute an offer in itself. An offer is final only when the contract of employment has been signed. A candidate might get an invitation for a short interview with the team interested in recruiting him/her.

Supporting documents will be verified in the recruitment phase.

Conditions of Traineeship

The conditions of the Traineeship Programme are governed by the [Rules Governing the Traineeship Scheme of the Joint Research Centre](#).

The place of traineeship can be one of the following JRC sites: Ispra (Italy), Geel (Belgium), Petten (the Netherlands), Karlsruhe (Germany).

The next traineeship session will start on 1 March and will run for a fixed period of 5 months. Under exceptional circumstances, a delay of this start date may be possible. The duration of the traineeship may not be less than three months. Candidates should be aware that any postponement of the start date might have an impact upon candidates' eligibility for other career opportunities at the European Commission, such as the Junior Professional Programme (JPP).

The trainee is awarded a monthly allowance in the amount of 25% of the basic remuneration for an official at grade 5/1 (Commission decision C/2007/1221), adjusted by the correction coefficient applied to the JRC site where the traineeship takes place, per month of in-service training actually carried out. The amount of the basic allowance in 2021, adjusted by the applicable correction coefficient of the site, is set in between € 1.115,00 and € 1.400,20. No tax or social security contributions will be withheld or paid by the European Commission with respect to the above stated allowances.

The JRC traineeship may give access to career opportunities at the Commission such as the [Junior Professional Programme \(JPP\)](#). The JPP is a talent management programme, relevant for all applicants with **a maximum of three years** of professional experience. The three years of experience count as from the first three-year university diploma obtained.

Other further career opportunities at the Commission are presented on the [EPSO website](#).

Data Protection

For further information on how the JRC processes your personal data, please click on the link below:

Data protection in the selection and/or recruitment process

<https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/data-protection>

The Commission ensures that candidates' personal data are protected as required by Regulation (EC) No 45/2001 on the processing of personal data by EU institutions and bodies. This safeguards the confidentiality and security of such data.

JRC contact details

For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu

ANNEX I

2. ELIGIBILITY CRITERIA

The JRC reserves the right to amend the eligibility criteria as and when necessary.

2.1 Nationality

Trainees are selected from nationals of the Member States of the European Union (EU) or of the countries associated to the Research Framework Programmes. A limited number of other nationals may also be accepted. A derogation based on nationality from the Director-General is required for every non-EU national.

2.2 Diplomas

Candidates must provide copies of diplomas with the relevant Europass Diploma Supplement¹ (or if missing - the relevant university transcripts, certificates), of all university or post-university studies declared in the web application ESRA². If the degree course has been completed, but an official degree certificate has not yet been received/awarded, an official statement from the university confirming the degree result has to be provided. For declared on-going studies an official declaration from the relevant university must be provided. If recruited for a traineeship, originals/certified copies of all diplomas declared and, if applicable, official certified translations will be required.

Applicants whose university or post-graduate diplomas are not issued in one of the official EU languages must provide a translation of these documents in any of the official languages of the EU but preferably in one of the three working ones. (English, French, German).

2.3 Knowledge of Languages

Knowledge of languages other than the mother tongue declared via the web application ESRA must be supported by appropriate documentation (e.g. diplomas, certificates, proof of having studied in the language in question, etc.). The candidate must be in possession of the appropriate document by the closing date of the call.

¹ For further info about the Europass Diploma Supplement - <https://europa.eu/europass/en/diploma-supplement>

² ESRA is the JRC's database-driven web application that manages part of the recruitment process for trainees.

<http://recruitment.jrc.ec.europa.eu>

In order for the trainee to fully profit from the traineeship and to be able to follow meetings and perform adequately:

- Candidates from Member States must be independent users of at least two Community languages, one of which should be one of the European Commission working languages (English, French or German). The required level of the second language is B2 according to the [CEFR](#) (Common European Framework of Reference for Languages: Learning, Teaching Assessment), unless otherwise specified in the ongoing call for applications.
- Candidates from non-Member States must be independent users of at least one of the European Commission working languages (English, French or German). The required level of the language is B2 according to the CEFR (Common European Framework of Reference for Languages: Learning, Teaching, Assessment).
- Additional language skills might be required in accordance with the requirements of the published profile.

2.4 Prior Employment/Traineeship

The JRC wishes to offer the opportunity of a traineeship to as many people as possible. Therefore, applications are not considered eligible from those candidates who for more than six weeks:

- have already benefited or benefit from any kind of traineeship (formal or informal, paid or unpaid) within a European institution or body;

or

- who have had or have any kind of employment within a European institution or body, including anyone who is or has been an assistant to a Member of the European Parliament, a consultant or researcher, a temporary staff member, a contract staff member, an auxiliary contract staff member, an auxiliary agent or an interim staff member of any EU institution or body.

2.5 Other

Candidates shall inform the Human Resources of any change in their situation that might occur at any stage during the selection and recruitment phases.

Trainees may not be assigned to any service where a conflict of interest might occur, irrespective of his/her prior professional experience or nationality.