

CALL FOR APPLICATIONS

Early-Stage Researcher

Short-Term Scientific Missions to Italy or Ireland

Supported by

STREACS - Strengthening Research in Armenia for Energy Transition for Climate Solutions, an EU Horizon Europe project

The American University of Armenia (AUA), the National Polytechnic University of Armenia (NPUA), and the Scientific Research Institute on Energy (SRIE) are pleased to announce a Call for Applications for early-stage researchers affiliated with these institutions to participate in short-term scientific missions (i.e., up to two weeks) to Italy or Ireland to one of the following institutions:

→ [Maynooth University](#), Ireland

→ [University of Campania](#), Italy

→ [University of Genoa](#), Italy

This opportunity fosters research collaboration, skill development, and academic networking for early-career researchers. The missions are supported by [Strengthening Research in Armenia for Energy Transition for Climate Solutions \(STREACS\)](#), a 3-year project funded by the European Union (EU) Horizon Europe program. STREACS aims to strengthen scientific ties between Armenia and European research institutions and accelerate the capacity of Armenian researchers to address the energy transition and security needs of Armenia.

Purpose of the Visit

The Short-Term Scientific Missions will provide the selected early-stage researcher with:

- Exposure to cutting-edge research in the field of energy transition and energy security.
- Hands-on experience in leading laboratories or research centers.
- Opportunities for networking and collaboration with European researchers.
- Enhancement of the researcher's skills and expertise in energy transition and security.
- Exchange of knowledge and ideas that contribute to both personal and institutional development.

Eligibility Criteria

Applicants must meet the following requirements:

- Be affiliated with the institution issuing the call.
- Hold a Master’s degree or about to complete a Master’s degree, in PhD studies, or post-doctoral research/training.
- Have a strong command of the English language (or the working language of the host institution).
- Have research interests in energy transition and security, focusing on Armenia. This includes early-stage researchers from various disciplines including:
 - Engineering
 - Politics and governance
 - Environmental and sustainability
 - Transportation
 - Business
 - Economics
 - Data Science
 - Other relevant fields
- Have a strong command of the English language (or the working language of the host institutions).

Selection Criteria and Process

- Demonstrated academic and research accomplishments and potential.
- Motivation and commitment to fostering international collaboration.
- Fit between the applicant’s research interests and the host institution’s research activities.
- A Selection Committee of 3 Armenia and 2 EU members will evaluate applications and select finalists.

Fields of Research

Applications are welcome from a wide range of research interests, including but not limited to:

- Energy transition for sustainability
- Energy security and resilience
- Energy systems modeling
- Energy system design with renewables
- Energy transition, critical raw materials, and material management (e.g., reuse and recycling of batteries, panels, etc.)
- Energy economics
- Energy policy and governance
- Energy management

Duration and Financial Support

The scientific visit will last up to two weeks including travel days, with flexibility depending on the needs of the researcher and the host institution. The visit will be fully funded, covering:

- Travel costs (to and from Italy or Ireland).
- Accommodation and living expenses during the stay.
- Research materials and access to laboratory or library facilities as needed.
- Health insurance for the duration of the visit.

Important Dates

- Announcements made public on November 22, 2024.
- An online presentation and Q&A on December 12, 2024. [Register here to attend the Q&A session.](#)
- All application materials must be submitted by December 23, 2024, 17:00
- All interviews with strong candidates are conducted before January 24, 2025
- Selected applicants will be notified by January 30, 2025
- The Scientific Missions will be organized between May 15 and June 30, 2025

Application Process and Submission

Interested candidates should submit the following documents:

- A cover letter (1-2 pages) outlining the purpose of the visit, the expected outcomes, and how the experience will contribute to their research and professional development.
- Curriculum Vitae (CV) including relevant academic qualifications, publications, and research experience.
- Proof of English language proficiency guaranteed by the home institution.

Please send your complete application to streacs@aua.am with the subject line: “Application for STREACS Short-Term Scientific Mission – [Applicant Name]”.

Diversity and Inclusion Policy

We strongly encourage applications from underrepresented groups and are committed to promoting diversity and inclusion in international academic exchanges. Applications from female candidates are strongly encouraged.

This is a unique opportunity for early-stage researchers affiliated with Armenian institutions to broaden their horizons, gain invaluable international research experience, and establish long-lasting academic relationships. We look forward to receiving your applications!

Contact Information

For any queries regarding the application process or the scientific visit, please write to streacs@aua.am.