

Invitation to the

Summer School on Nuclear Decommissioning and Waste Management

on **10-14 July 2023** in Ispra, Italy

hosted by the

Joint Research Centre (JRC)

*the science and knowledge service of the
European Commission*

Visit our [event page](#) on the EU Science Hub



What is nuclear decommissioning?

When a nuclear facility ceases its normal operation, a multifaceted process starts, including dismantling, decontamination and other activities. “Decommissioning” means all these steps leading to the release of a nuclear facility from regulatory control.

A career in nuclear decommissioning and waste management offers:

- Great perspectives of career development in an emerging domain
- Several occasions to tackle technological challenges
- Acquisition of multidisciplinary competences in the long term
- Opportunities for mobility
- Serving a “noble cause”, as it aims at restoring a safe environment

The course offers:

A 5-day overview of the main aspects of nuclear decommissioning and waste management through classroom training, visits of the JRC-Ispra nuclear facilities and practical case studies.

A voluntary test (for students who wish to obtain a course certificate).

A final “job fair” to meet representatives of European industrial companies working in decommissioning.



Why following a course on nuclear decommissioning?

In the European Union several nuclear facilities are closed or may stop their operation in the coming decade. The need to proceed with decommissioning creates a potential for new industrial activities. Qualifying to support the emerging decommissioning market, you would be a valuable asset for the European industry.

Who is the course organised for?

The present JRC-Ispra Summer School is addressed to students with a graduate degree pursuing a master in the area of engineering, science and technology, who have not yet a professional activity and want to benefit from their holidays' time to enrich their curriculum in a promising career field.



INDICATIVE COURSE PROGRAMME

Monday 10 July

INTRODUCTION

What does a nuclear facility look like? What are "decommissioning and waste management"? Why is it important? How is it organised in Europe?

INTRODUCTION TO RADIATION PROTECTION

What are radiation risks? How to protect ?

Tuesday 11 July

NUCLEAR DECOMMISSIONING in detail

What are the techniques for decontamination and dismantling? How to restore a clean environment?

VISIT of the JRC-ISPRA NUCLEAR SITE

Wednesday 12 July

NUCLEAR DECOMMISSIONING – Practical cases

RADIOACTIVE WASTE in detail

What are the types of radioactive waste? How do we treat it? How to dispose the waste?

Thursday 13 July

RADIOACTIVE WASTE – Practical considerations

RADIOACTIVE WASTE - demos & exercises on the JRC-ISPRA NUCLEAR INSTALLATIONS

Friday 14 July

SOCIETAL ASPECTS

How to answer the concerns of the society?

FINAL VOLUNTARY TEST FOR CERTIFICATE

JOB FAIR

How to register?

If you are interested, you are encouraged to fill-in the application form attached to this invitation and mail it with a copy of your student card to : JRC-DSS@ec.europa.eu

Your application will be reviewed and you will receive a confirmation and detailed logistic information in due time.

The course is limited to 40 participants.

How much does it cost?

The course is supported by the European Commission Joint Research Centre and is thus free of charge for admitted students. The financial support will cover the course fees, accommodation (5 to 6 nights, full board) and internal transports.

Accepted applicants are expected to organise and pay on their own the travel to and from Ispra and other subsistence expenses.

NB: For *accepted* students, travel costs may be subject to partial reimbursement through the [EU ENEN2plus project](#)



The Summer School on Nuclear Decommissioning and Waste Management is part of the

European ELINDER project

aiming to raise the interest of students and professionals in the important and emerging field of decommissioning and environmental remediation and to stimulate relevant career perspectives, by offering a set of learning opportunities that combine theory and practice.



For more information on ELINDER:
[ELINDER: The European nuclear decommissioning training programme \(europa.eu\)](#)

For questions on ELINDER please contact:

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