




**ΕΕΑΕ** ΕΛΛΗΝΙΚΗ ΕΠΙΤΡΟΠΗ ΑΤΟΜΙΚΗΣ ΕΝΕΡΓΕΙΑΣ  
GREEK ATOMIC ENERGY COMMISSION


# SELECTION AND EVALUATION OF LECTURERS FOR EEAE 's TRAINING ACTIVITIES

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WHO  
AM I?



# Introduction

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## **The Greek Atomic Energy Commission (EEAE):**

- National competent authority for radiation and nuclear safety and security.
- Provides training in radiation safety to occupationally exposed workers and professionals.
- Supports the creation and continuous enhancement of a safety culture at national level.
- Implements a national strategy for E&T in radiation safety and radiation protection.

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**A/a Training course**

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- 1 Radiation protection of patients and staff in image guided interventional procedures
  - 2 Radiation protection in industry
  - 3 Radiation protection in industrial radiography
  - 4 Radiation protection of patients and staff in interventional cardiology
  - 5 Detection and identification of radioactive sources
  - 6 Radiation protection of outside workers (practices with medical exposure)
  - 7 Radiation protection of nuclear medicine technologists
  - 8 Special training for advisers on the safe transport of class 7 dangerous goods
  - 9 Course for radiation protections officers in facilities using radioactive sources for geological studies, industrial, research and educational purposes, calibration, and metrological purposes
  - 10 Course for radiation protection officers of practices operating radiation generators for security purposes
  - 11 Radiation protection in veterinary medicine
  - 12 Radiation protection in research applications with open radioactive sources
  - 13 Radiation protection for industrial uses of nuclear gauges
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# Training activities

# Training activities

- Collaboration with national and international educational and research organizations and with professional societies.
- Experienced scientific personnel, and state-of-the-art technical infrastructure.
- Since 2003 IAEA's Regional Training Centre (RTC) (in English) for the region of Europe and Central Asia.
- Relevant long-term recognition agreement was signed in July 2011, while its legislative ratification was completed in October 2012.



# Training activities

- EEAE operates the Postgraduate Education Program "Radiation protection and safe use of radiation sources" (PGEC).
- 22-week program co-organized and co-financed by the IAEA.
- About 120 scientists from 30 Europe and Central Asia countries have been trained in 7 PGEC cycles.
- International training seminars in radiation and nuclear safety attended by scientists and security officials from Europe, Asia, and Africa.



# Management system

- EEAE implements a management system (MS) for the design, development and provision of services of non-formal E&T based on the ISO 29993:2017 standard.
- The standard:
  - specifies requirements for learning services outside formal education, including all types of life-long learning.
  - defines the requirements for the design, development, and provision of educational services, by entities operating, mainly, outside of primary, secondary, and higher education.



# Selection of lecturers

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- Procedure describing methods for selecting, maintaining the capacity of and determining the obligations of the lecturers.
- The selection is carried out by a EEAE's committee based on:
  - educational qualifications,
  - certificates and other documents confirming skills and knowledge,
  - letters of recommendation,
  - work experience,
  - interviews, and
  - previous evaluations.

# Training of lecturers

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The training of the lecturers' mainly takes place through their participation in training programs concerning:

- new training activities,
- changes in legislation, regulatory requirements, training methods, and new technologies,
- changes in the training material of the established activities, and
- EEAE's MS requirements.





# Training of lecturers

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- The new lecturers are trained by EEAE's personnel in the principles and procedures of the MS and provided with the necessary material.
- An EEAE member is appointed to update the lecturers about the MS requirements and the available training material for the thematic areas to be addressed.
- The lecturers' training needs are assessed by an EEAE's committee on an annual basis.



# Evaluation of lecturers

- The evaluation of the lecturers is part of the evaluation of each training course.
- A dedicated questionnaire is used:
  - 1<sup>st</sup> part addresses issues related to the organization of the course and the respective training material.
  - 2<sup>nd</sup> part concerns the evaluation of the lecturers.
- For online seminars, the questionnaire is distributed in an electronic form.



# Evaluation of lecturers

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**Title of training activity:**

**Date and place:**

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Circle the number corresponding to your opinion for the seminar: (1= fully disagree, 2= disagree, 3= neutral, 4 = agree and 5= fully agree)

|   |  |   |   |   |   |   |
|---|--|---|---|---|---|---|
| 1 | The seminar was well organized                                       | 1 | 2 | 3 | 4 | 5 |
| 2 | The goals of the seminar were accomplished                           | 1 | 2 | 3 | 4 | 5 |
| 3 | The seminar was useful for my general update                         | 1 | 2 | 3 | 4 | 5 |
| 4 | The tutorial was useful for the subject of my work                   | 1 | 2 | 3 | 4 | 5 |
| 5 | The seminar helped me to understand the challenges I face in my work | 1 | 2 | 3 | 4 | 5 |
| 6 | The seminar helped me to be more effective in my work duties         | 1 | 2 | 3 | 4 | 5 |
| 7 | I would like to participate again in a similar seminar               | 1 | 2 | 3 | 4 | 5 |
| 8 | I would recommend my colleagues to attend the seminar                | 1 | 2 | 3 | 4 | 5 |

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The duration of the seminar was:

Too long:

Long:

Appropriate:

Short:

Very short:

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The level of the seminar regarding your knowledge, skills and professional experience was:

Too low:

Low:

Appropriate:

High:

Very high:

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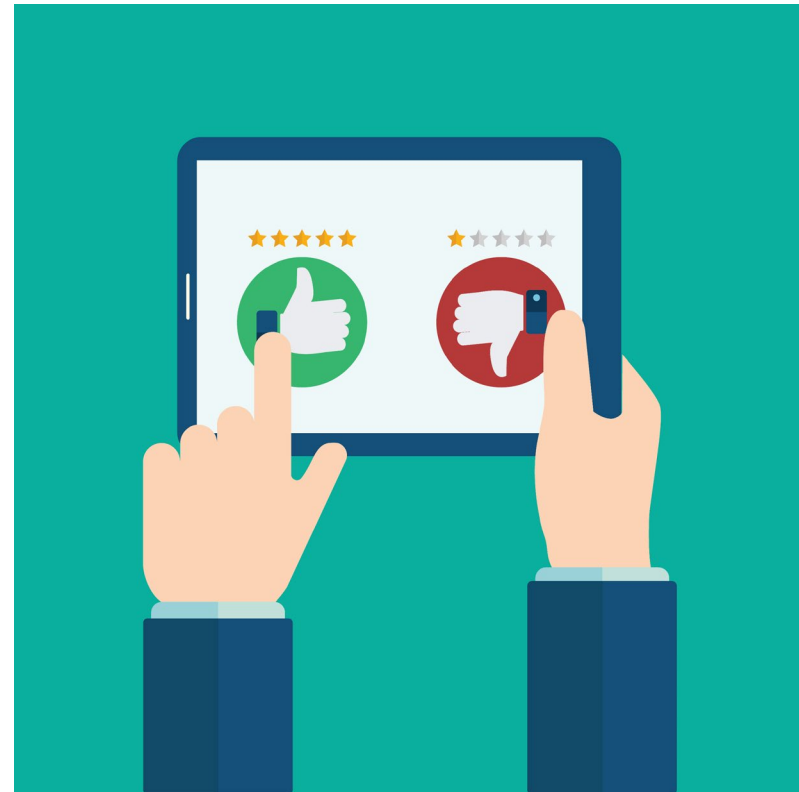
Evaluate the training material regarding: (Scale 1-5)

- 1 Structure :
  - 2 Presentation :
  - 3 Correctness of content :
  - 4 Completeness of material :
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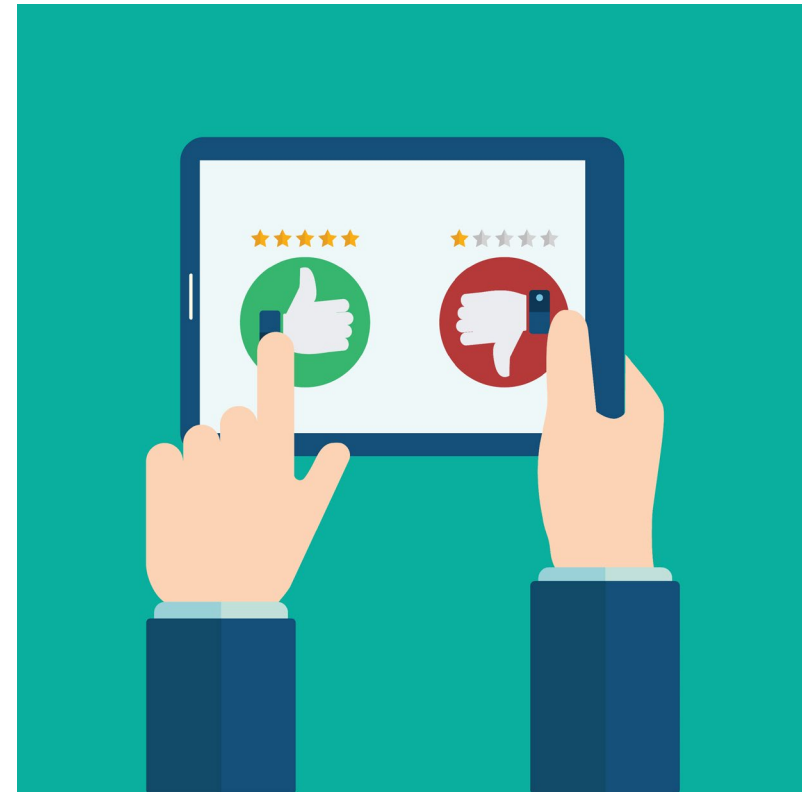
# Evaluation of lecturers

- The lecturers' competence is also ensured through their annual evaluation.
- Data from their participation in EEAE's training activities and related reports from designated EEAE staff.
- If a lecturer's performance does not meet the corresponding criteria his/her replacement is considered.



# Evaluation of lecturers

- The 13 lecturers involved in EEAE's training activities were evaluated based on the related questionnaire.
- The average score for the 6 evaluation categories ranges from 4.3 to 5.
- Lowest evaluation scores concern the contagiousness of the lecturers and their capability to encourage dialogue & questions.



# Evaluation of lecturers

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- Most of these scores concern the pandemic period when training was mainly provided online.
- The lecturers' skills in online training should be further improved.
- Participation in appropriately Train the Trainers courses.
- Limited number of courses during the pandemic period, as well as of the responses to the evaluation questionnaire.





# Evaluation of lecturers

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- Improvement of the lecturer's evaluation capabilities by using the available tools in the **Moodle platform**.
- Implementation of a more homogenized and effective evaluation approach.
- Continuous and reliable analysis of the collected data.
- Follow up of trainees of past courses to assess the added value of the training programs to their professional activities.





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