



**3rd Training Course on
Rehabilitation of Living Conditions in Long-Term Contaminated
Territories After a Nuclear Accident or a Radiological Event:
Preparedness and Management**

**Organised by the EURANOS partners:
CEPN, HPA, IRSN and NRPA**

**In cooperation with
the French Nuclear Safety Authority**

30 March – 2 April 2009, Fontenay-aux-Roses, France

First Announcement and Pre-registration

Hosted by **cepn**

Expansion 10000 Bldg. – 28, rue de la Redoute
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Background

This Training Course is organised in the framework of the EURANOS European research project sponsored by the DG Research of the European Commission within the 6th Framework Programme. EURANOS was launched in April 2004 with the overall goal *“to increase the coherence and effectiveness of nuclear and radiological emergency management in Europe including the rehabilitation of contaminated areas”*.

Regarding the rehabilitation of contaminated areas, international experience, particularly in the countries most affected by the Chernobyl accident, has demonstrated that the long-term management of affected territories is an important issue that cannot be solved solely by technical means. Long lasting contamination affects all dimensions of the quality of life of inhabitants: health, environment, social, economic, education, cultural, ethical... Following a nuclear accident or a radiological event, there is thus a need to implement administrative and technical measures as well as organisational arrangements to both ensure the radiation protection of the affected population and the sustainable rehabilitation of its living conditions.

These various aspects are now broadly recognised and several national authorities in Europe have taken initiative to develop rehabilitation preparedness programmes in case of a post-accidental situation.

The proposed course “Rehabilitation of Living Conditions in Long-Term Contaminated Territories After a Nuclear Accident or a Radiological Event: Preparedness and Management” is the first one to address this topic in Europe.

Scope and objectives

This training course deals with the post-accidental period, i.e. weeks, months and years that follow a nuclear accident or a radiological event.

The main objective of the course is to provide fundamental knowledge and practical advice for those interested in the rehabilitation of living conditions in contaminated territories following a nuclear accident or a radiological emergency with long-term consequences for the population.

The target audience is health physicists, technical and radiological advisors, staffs responsible for the overall organisation and policy of rehabilitation, such as civil protection officers and environmental protection officers but also professionals in all potentially affected domains like agriculture, public health, education, as well as representatives of NGOs that could be involved in the process of the rehabilitation of living conditions.

The course offers a comprehensive overview of the various dimensions and challenges of rehabilitation, as well as practical elements for the implementation of countermeasures for managing long-term contaminated rural and urban environment. A particular attention is given to “stakeholder involvement” approaches in the development and implementation of rehabilitation strategies.

The course is based on the material produced within the EURANOS project as well as materials developed in several European and international projects: SAGE, FARMING,

CORE (www.core-chernobyl.org). The approach developed by the French Nuclear Safety Authority is also presented.

Beside a general introduction to the issues at stake in designing and implementing rehabilitation programmes for contaminated territories, the course will address in more details the principles and criteria of management of post-accident situations, the existing range of countermeasures, the implementation of inclusive radiation monitoring systems for the control of the radiological quality by local professionals and the population, the establishment of health surveillance, and strategies and guidance for promoting sustainable rehabilitation and development in urban and rural contaminated territories.

A good balance is sought between lectures, practical working sessions and discussions between the participants.

Main Course Topics

- Characterisation of long-term exposure
- Existing principles and criteria of management of post-accident situations
- Management options for contaminated food productions systems
- Management options for contaminated water resources
- Management options for contaminated inhabited areas
- Management options for contaminated waste
- Radiation monitoring
- Health surveillance
- Stakeholder involvement: method and illustrations
- Preparedness to a situation of rehabilitation

Lectures will be given by recognised experts from CEPN (the Nuclear Protection Evaluation Centre, France), HPA (the Health Protection Agency, UK), ASN (The French Nuclear Safety Authority), IRSN (the French Institute of Radiation protection and Nuclear Safety) and NRPA (the Norwegian Radiation Protection Authority).

Venue

The course will take place during the week 30 March-2 April 2009 at CEPN, 28 rue de la Redoute, 92260, Fontenay-aux-Roses, France.

Language

The course will be held in English.

Lecture notes

Lecture notes will be available to the participants at the beginning of the course.

Course fees

The course is strictly limited to 20 participants.

Two options are proposed to the participants:

1. Registration fees only. This option includes the lecture notes as well as lunches on each day of the course, the course reception and the official course dinner. The course fees are in this case of 600 EUROS, incl. VAT.
2. Registration fees and accommodation. Supplementary to the first option, this second one includes the lodging for 4 nights in a hotel selected by the organisers of the course as well as the daily transports from the hotel to the course venue, for 400 extra EUROS (incl. VAT).

Interested persons are invited to register their participation with the workshop organisers before 01 February 2009 using the attached workshop registration form.

Scholarships

A limited number of scholarships (max. 5) is available for Central and Eastern European countries. Each demand must be sufficiently motivated. The final selection will be based on (i) the qualification and experience of the applicant, (ii) the role of the applicant's organisation, (iii) the number of applicants from one country and (iv) the submission time of application.

The scholarship covers the registration fee, all accommodation and transportation costs in France during the course and a contribution of travel costs to/from France up to max. 500 €, provided that a void transportation ticket is handed over the organisers.

Scientific coordination

Jacques LOCHARD, CEPN, Director

Technical secretariat

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Mailing address for information

Course programme	Registration
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