Dear Colleagues,

We are happy to invite you to attend the International Workshop on the European Atlas of Natural Radiation, which will take place from Monday 9 (14:00) to Friday 13 November (12:30) 2015 in or near Ispra. An optional field excursion has been foreseen for Saturday 14 November.

The main aim of the workshop is to present the status and discuss progress of the European Atlas of Natural Radiation project.

The workshop will be divided into two main sections (which may be attended independently):

1. **European Indoor Radon Map**  
   (9 Nov. PM - 10 Nov. AM)

   This section will mainly be aimed at identifying new participants to the map.
   - Current status
   - Outstanding issues for countries with existing databases
   - Policies and plans for surveys
   - Data preparation and transfer to JRC

2. **Geogenic Radiation**  
   (10 Nov. PM - 13 Nov. AM)

   - Natural radionuclides in bedrock and soil
   - Terrestrial gamma dose rate
   - Soil radon
   - Outdoor radon

The purpose of the European Atlas of Natural Radiation is:
- to include individual maps of these radiation components, and
- to combine them into a *Geogenic Radon Risk Index (GRRI)*, hence produce the *European Geogenic Radon Map*.

**Conference website:**  

**For any contact:**  
IWEANR2015@jrc.ec.europa.eu
Call for manuscripts for a special issue of the Journal of Environmental Radioactivity

A special issue of the Journal of Environmental Radioactivity is planned. This will be dedicated to geogenic radiation and its potential use for developing the geogenic radon map, more specifically linked to the topics proposed below.

All participants are invited to submit an abstract (max. 1 page A4, single-spaced) in English by 15 June 2015. The abstract should be submitted by e-mail as attachments (rtf, doc, docx formats) to IWEANR2015@jrc.ec.europa.eu.

The scientific committee, on the basis of the scientific quality, will select the abstracts to be submitted as full papers in this special issue. The outcome of this selection will be communicated by mid-July 2015, and the full papers have to be submitted by 9 November 2015 (i.e. the beginning of the workshop).

These contributions should be aimed to match the next necessary steps of the Atlas, but will not necessarily form the presentations of the workshop. Instead, the scientific committee will design the workshop programme.

Proposed Topics

- **U, Th and K concentrations in bedrock and soil**: geochemical and radiometric data; databases (FOREGS, GEMAS, national surveys); maps.
- **Terrestrial gamma dose rate**: data sources (EURDEP, national surveys); decomposition of the ambient equivalent dose rate into its components.
- **Soil radon**: databases; importance of permeability; radon potential (Neznal RP, other definitions).
- **Outdoor radon**: existing databases; methodology (sampling density and duration, measurement devices); possible uses (radon flux, atmospheric studies etc.).
- **Geology**: databases; simplified geological classification; using geology as predictor.
- **Relationship between all these quantities** and indoor radon, and radon risk index.

Scientific Committee:

Peter Bossew – German Federal Office for Radiation Protection, Berlin, Germany
Giorgia Cinelli – European Commission, JRC, Ispra, Italy
Marc De Cort – European Commission, JRC, Ispra, Italy
Boris Dehandschutter – Federal Agency for Nuclear Control, Brussels, Belgium
Marta García-Talavera – Nuclear Safety Council, Madrid, Spain
Valeria Gruber – Austrian Agency for Health and Food Safety, Linz, Austria
Stefan Mundigl – European Commission, Directorate-General for Energy, Luxembourg
Petra Pacherová – Czech Geological Survey, Prague, Czech Republic
Katalin Szabó – Szent Istvan University, Gödöllő, Hungary
Tore Tollefsen – European Commission, JRC, Ispra, Italy