



## **IRSOIL 2021**

*Intercomparison of soil radon concentration measurements*



*1<sup>th</sup> National Intercomparison, 8-9 July 2021*

***Valle del Cervo - Riserva Naturale della Bessa (BI)***

**FIRST ANNOUNCEMENT**

## INTRODUCTION

Soil radon measurements, born as a practice closely linked to research and scientific curiosity, has managed, over the years, to carve out a more technical role, assuming relevance for its practical implications: measurement can be a useful tool for the classification of radon risk areas.

In Italy, Legislative Decree n. 101/2020, transposition of 59/Euratom/2013, has undoubtedly sparked new interest on this subject. Soil radon measurements involves both radiation protection field and geophysical aspects of great interest.

For some time now european researchers and freelancers met periodically to test methodologies, techniques and instruments together, thus showing great interest in these evaluations.

Assoradon and AIRP therefore believed that the time was ripe to propose, also in Italy, an exercise of field measurements that would allow laboratories, both public and private, to compare their techniques and methodologies. The intercomparison is organized in collaboration with ARPA Piemonte and ARPA Valle d'Aosta

The setting for this event is the province of Biella, the smallest province of Piemonte, with its famous “Valle del Cervo” that is probably the place with the highest natural radioactivity in Italy.

Results of the intercomparison will be processed in the months following the event: a technical report will be drawn up and published on AIRP and ASSORADON websites. Results of tests will be anonymous and each participant (or group) will be denoted by a code.

## Organizing committee

Enrico Chiaberto	ARPA Piemonte
Amedeo Dordi	Geologist, Lombardia
Paolo Falletti	ARPA Piemonte
Massimo Faure Ragani	ARPA Valle d'Aosta
Andrea Gritti	ASSORADON
Mauro Magnoni	ARPA Piemonte
Antonio Parravicini	ASSORADON
Tiziana Tunno	ASSORADON

## Contact addresses of the organizing committee

Anna Prandstatter  
IRSOIL2021@assoradon.org  
Phone: 0125-645328

## Programme

### **First day - July 8th, 2021**

**14:00** field excursion, arrive at first radon reference site in “Valle del Cervo”

**14:00-14:20** geological and lithological background of the plutonic area “Valle del Cervo”

**14:20-17:00** radon measurements execution

### **Second day - July 9th, 2021**

**9:00** field excursion , arrive at second radon reference site “Riserva Naturale della Bessa”

**9:00-9:20** geological and lithological background of “ Bessa”

**9:20-12:00** radon measurements execution

**12:00 Lunch break**

**14:00 Meeting and discussion**

*At this time it is not possible to define in detail breaks time and any social activity.*

*The distribution of drinks and / or food will obviously be bound by the rules imposed by the health authority. More detailed information will be available at AIRP and ASSORADON websites.*

### ***REGISTRATION FEE and INSTRUCTION for PAYMENT***

*Only total payment guarantees registration. For payment follow the instruction on AIRP website <https://www.airp-asso.it/> or make it by a bank transfer to:*

*AIRP c/o Intesa San Paolo S.p.A. Filiale di Milano*

*Piazza Paolo Ferrari, 10 – 20121 Milano – Italia*

*IBAN IT29 N030 6909 6061 0000 0125 788*

*BIC BCITITMM*

*Reason for payment: IRSOIL2021*

*Fee for one team (two persons):*

<i>AIRP or Assoradon member</i>	<i>€ 70</i>
<i>No member</i>	<i>€ 150</i>

*A single fee could include two participants for one team. For more than 2 participants it will be necessary an additionally registration*

*For logistical reasons, participants are limited. Online registration on [www.airp-asso.it](http://www.airp-asso.it) and [www.assoradon.org](http://www.assoradon.org) will be admitted subject to availability within 28 June 2021*

*Thanks to:*

*- Comune di Campiglia Cervo*

*- Ente di gestione delle Riserve Pedemontane e delle Terre d'Acqua*