



Union Internationale de Radioécologie
International Union of Radioecology

International Union of Radioecology

XXXVII GENERAL ASSEMBLY 2014

Held on the IUR web site

April 2016



Agenda

I - Report by the President

For 2014, and outline of the programme for 2015

- International networking
- IUR management updates
- Task Groups activities
- Election of the new Board of Council general (2015-2018)
- Conference and events
- Rewardings, prizes and grants from IUR
- Communication

II - Financial report and budget



Human health
& ecological risk

Protection
& Environment

radio  ecology



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I - Report by the President



International Networking

- The Union continues to stimulate the construction of regional networks (Asian, US, Southern America, India)
- The Union promotes further the worldwide networking effort already started with particular view on harmonisation.
- Decision made to hold an international workshop in 2015



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<http://www.iur-uir.org>

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Management updates

New IUR members

25 in 2012 23 in 2013 23 in 2014

Annual Fees

32 members in 2012 60 members in 2013 51 members in 2014 (online payments and wire transfers)



Task Groups Activities

Active Task Groups

- Non-lethal methods for measuring contaminants burden in wildlife (M. Wood)
- Radioecology multiple stressor environment (H. Vandenhove) IUR/IAEA
- Biota transfer parameters for Environment Protection (D. Copplestone) IUR/IAEA
- Joint IUR -CERAD “Ecosystem approach” Task group (F. Bréchignac) **(1)**
- Ring of Five (O. Masson)
- Arctic and Antarctic Regions (M. Dowdall)
- Asian Radioecology network (H. Tsukada)
- Speciation (B. Salbu)
- Task group on Radioecology in arid regions (G. Voigt and N. Semioshkina) **(2)→ NEW**



(1) 2nd Workshop of the joint IUR -CERAD “Ecosystem approach” Task group

In order to prevent useless competition and promote instead useful synergies, decision has been made to assemble the previous IUR Ecosystem Approach Task group together with the “Ecosystem approach” umbrella research now identified within the CERAD Strategic Research Agenda.

This new configuration has been inaugurated by means of holding the 2dst Workshop of the joint IUR -CERAD “Ecosystem approach” Task group, which took place in Oslo, Norway, on 23-24 April 2015. About 30 researchers were assembled to discuss a number of issues to support the Ecosystem Approach such as modeling, microcosm/mesocosm-based research, field studies supplemented with controlled experiments in the laboratory, and drafting a collaborative work plan for the future.

<http://www.iur-uir.org/en/task-groups/id-21-2d-joint-iur-cerad-ecosystem-approach-task-group>



(2) Launch of the Task group on Radioecology in arid regions

Whilst sufficient information about radionuclide behaviour and interaction with environments in temperate regions has been published and is available, there is little information on radioecology in arid areas. In order to be able to face potential deleterious impact of radioactivity accidentally released into such regions, it is important to construct the radioecological knowledge about transfer and impacts of radionuclides in such arid areas characterized by ecosystems and climatic conditions very specific.

The IUR therefore has called for interest in establishing a new Task Group on the transfer of radionuclides in arid environments. The goal will be to address the risks associated in embracing nuclear technologies in light of the regional environmental peculiarities in those countries. A system to identify radioecologically sensitive regions under these special conditions needs to be established. This should be based on a number of components including a geographical database (GIS) of the terrestrial components and parameters; localized habitat, production and consumption, environmental co-factors such as climate; and the extent and type of radioactive pollution that could possibly affect the regions.

The feed-back obtained from registered IUR members established in such countries has been quite successful and a kick-off Workshop is now planned to be held in Madrid (30 March-1st April 2016) with a minimum of 20 scientists from more than 10 countries (Middle east, South Africa, Australia, Spain, Greece, Chile, Egypt,...). This new Task Group is placed under the leadership of Dr Gabriele Voigt and Dr Natalia Semioshkina.



Election of the new Board of Council general (2015-2018)

The new Board of Council general has been appointed on 1st January 2016 after election through the IUR membership. In addition, the Executive Board has been subsequently identified by collective and unanimous agreement, resulting in the following:

- Dr. Strand Per, President
- Pr. Alexakhin Rudolf, Vice-President
- Dr. Bréchnignac François, General Secretary
- Pr. Mothersill Carmel, Treasurer
- Dr. Hirth Gillian
- Dr. Sheppard Steve

The members of the Board of Council regional are now going to be identified according to the procedure specified in the IUR constitution.

Especial thanks are forwarded by the Board to Dr Simon Carroll for carrying on his duty as IUR Treasurer with much dedication and accuracy.

<http://www.iur-uir.org/en/actualites/id-260-election-results-announcement-the-new-iur-board>



Conferences and events

Conferences Co-organized/sponsored by IUR

- 20th World Congress Soil Science – June 2014 – Jeju, Korea
- EU-NORM-2 Conference – June 2014 – Prague, Czech Republic
- INSINUME 2014 - Uzhgorod, Ukraine - October 2014
- ICRER 3 - Barcelona, Spain - September 2014
- ENVIRA2015 Conference - Thessaloniki, Greece - 21-25 September 2015
- IVth International Conference on modern problems of genetics, radiobiology, radioecology and evolution Environmental radioactivity - St. Petersburg, Russia - 2-6 June 2015

Seminars and Workshops sponsored/organized by IUR

- IUR TG Workshop, Ring of Five - Barcelona, Spain - September 2014
- IUR Workshop, Harmonisation of radioecology networks - Aix en Provence, France, June 2014
- Workshop of the IUR-CERAD joint Task group on the Ecosystem Approach - 23 April 2015 - Oslo, Norway
- IUR Consensus Symposium 2015 - Ecological effects of radiation on populations and ecosystems - Miami, FL, USA - November 2015



Miami International Consensus Symposium

By bringing together a wide group of scientists from different disciplines and research areas, the present symposium has provided an opportunity to revisit the 2001 consensus statement that was established by IUR on Protection of the environment, and evaluate the current research status. The symposium has discussed the scientific results from laboratory and field studies, identify areas of consensus and explore reasons for disagreements about the studies, different interpretation of the results, as well as their implications for environmental protection.

The consensus Symposium was also oriented towards supporting the current efforts invested by UNSCEAR to review the ecological impact of radiation from the Fukushima accident.

The Symposium group of scientists has drafted a set of agreed statements relevant to ecological effects of radiation on populations and ecosystems in order to improve protection of the environment against radiation. These are pending to be published in the new future.



Rewardings, prices and grants from IUR

- IUR “V.I. Vernadsky” Award (senior scientists)
 - Professor Brit Salbu (Barcelona, 2014)
- Young Investigator Award (junior scientists)
 - Nicole E. Martinez, USA - Comparison of computational models for estimation of whole body and organ radiation dose in rainbow trout from uptake of iodine-131
 - Kyo Kitayama, Japan - Temporal change in the ^{137}Cs concentration ratio between coarse and fine particles in Fukushima
 - Polina Y. Volkova, Russia - Genetic variability in chronic irradiated plant population



Communication

Web site, Newsletters

Through its website, IUR provides a useful and interactive communication tool improving the dissemination of information, and serving the radioecology community at large.

- IUR Web site visibility (approx. 7000 visits per month)
- JER affiliated to IUR (formal agreement) + Preferential subscription E-Journal
- A number advertisements upon request

Posting job alerts:

3 job alerts in 2014, PhD positions and Professor positions

6 job alerts in 2015, PhD positions and Professor positions

Posting Conference Announcements and reports: 5