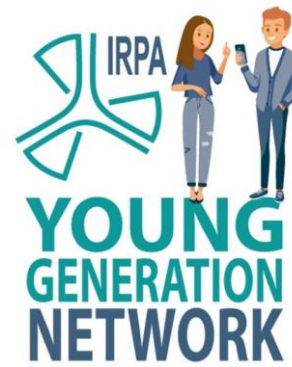




Young Researcher's Association



1/April/2025
12:00-14:30 (UTC)
ICRP's Next Generation
Webinar

Toward the Development of Future Radiation Protection Field through activities of IRPA Young Generation Network

Radiation Monitoring Division,
Radiation Protection Department, NRA
Chair, Leadership Committee,
Young Generation Network, IRPA, Japan

Mr. Takahiko Kono

Outline of presentation

1. Why I get involved in RP

2. My main work about RP

3. The introduction about IRPA-YGN

4. Summary

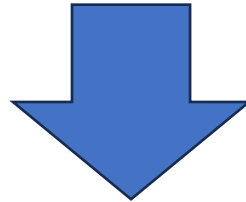
Reference:

<https://www.iaea.org/newscenter/pressreleases/iaea-initiates-first-practical-steps-of-additional-measures-at-sea-near-fukushima-daiichi-nuclear-power-station>



1. Why I get involved in RP

- My first career about RP started from environmental radiation monitoring
 - 1) To conduct environmental radiation monitoring to confirm that is not at a level that would affect people and/or the environment around nuclear facilities
 - 2) To disseminate correctly information obtained from environmental radiation/radioactivity monitoring

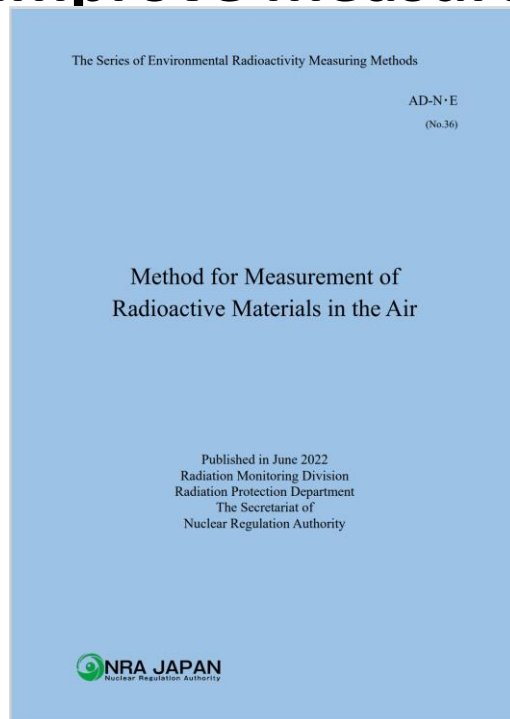


I entered in the world of RP and have got specialized knowledge and experience in this field, and I have worked in this field because I want to be a helpful person in our society and for Japan.

2. My main work about RP

Revision of the Series of Environmental Radioactivity Measuring Methods

The “[Series of Environmental Radioactivity Measuring Methods](#)” is the manual on analysis and measurement methods for radioactivity that have been formulated by the government. The series has been revised based on technological advances and lessons learned from the accident at the FDNPS to improve measurement accuracy.



＜The Series of Environmental Radioactivity Measuring Methods＞
The standard methods for sample collection and analytical methods, etc., were mainly established for monitoring practitioners in local governments. It has been established sequentially since 1974. With the establishment of NRA, they were transferred from MEXT to NRA. Some of them have not been revised for more than 40 years and need to be reviewed based on technological progress and the experience of the FDNPP accident.

The Series of Environmental Radioactivity Measuring Methods

URL(JP): <https://www.kankyo-hoshano.go.jp/library/series/>

URL(EN): <https://www.kankyo-hoshano.go.jp/en/library-en/series-en/>

Japan's Efforts regarding Marine Environmental Monitoring

Highly evaluated contribution to marine environmental monitoring from IAEA


(The Report on Its Second Review Mission of Safety Aspects of Handling of ALPS Treated Water at Fukushima Daiichi Nuclear Power Station since the Start of the Discharge, published July 18, 2024)

- The IAEA Task Force stated that it appraises NRA, MOE, FAJ, Fukushima Prefecture, and TEPCO for the comprehensiveness of the comprehensive radiation monitoring plan and its proper implementation, which contribute to marine environmental monitoring with the ALPS treated water discharge into the sea.
- IAEA also reiterated the importance of the IAEA's continuous corroboration activities and on-site independent sampling and analysis in enhancing the confidence of all stakeholders as well as the international community and in conducting transparent and objective verification.

Reference:

<https://www.iaea.org/newscenter/pressreleases/iaea-initiates-first-practical-steps-of-additional-measures-at-sea-near-fukushima-daiichi-nuclear-power-station>



 NRA works with relevant organizations to improve reliability and transparency of sea area monitoring.

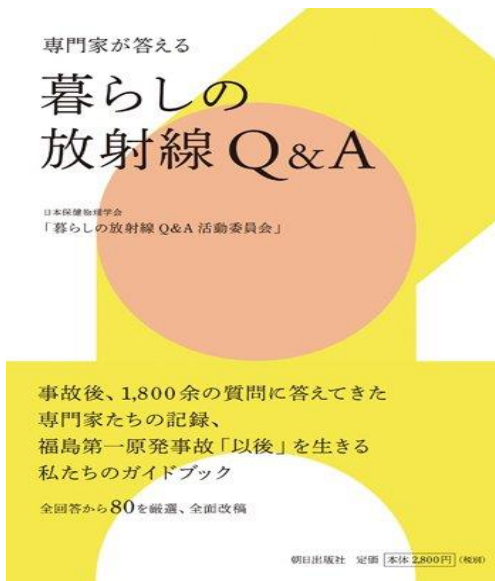
Activities via Q&A website after Fukushima accident

- Volunteers from JHPS have been providing right information on radiation and radioactivity via an Internet website soon after the Fukushima accident.
- Steering Committee of the Q&A website was officially established in JHPS. 24 YRA members answered the question until January 2013 for about 2 years.
- The number of questions to the website are 1870, and we answered politely to all questions.

Website top page



Book Publication



Oral Presentation



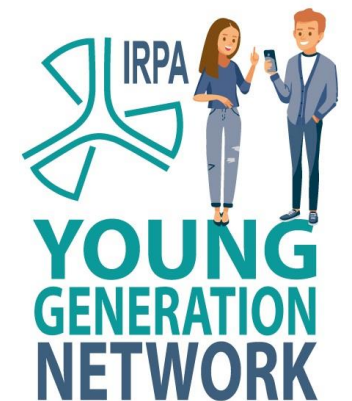
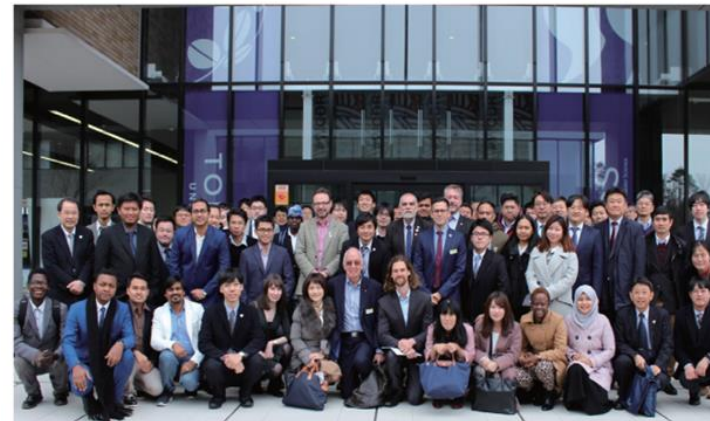
Paper



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3. The introduction about IRPA-YGN(1)

- **The IRPA Young Generation Network** is an international network of "Young Professionals" across the field of Radiation Protection. Its primary function is to promote communication, collaboration and professional development of Students and Young Professionals in the area of Radiation Protection and its allied fields.
- Membership of the IRPA YGN is open to all members of national radiation protection YGN's, and where a national YGN is not in place, students or professionals working within the first 10 years of the career in the field of radiation protection or its allied fields.



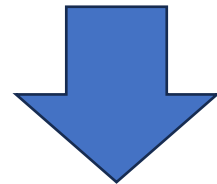
3. The introduction about IRPA-YGN(2)

- Participation to various YGN events(**ICRP**, IRPA, IAEA and each domestic RP associations)
- Strength of network among worldwide YGN
- Discussions within YGN on current topics in radiation protection(ALPS treated water discharge, environmental monitoring etc.)
- Involvement of many young researchers and engineers to IRPA-YGN



4. Summary

- I have always found my work in RP to be very rewarding. In particular, my work at NRA has been a culmination of my career.
- Whether local or global, the future of radiological protection relies on the contribution of young professionals. Sharing ideas, experiences, achievements and developing good relationships are vital to this network.
- Therefore, I strongly hope to get opportunities participating in both regional and international events in the future, with the support of IRPA and its Associate Societies. These activities will help expand the YGN and strengthen the relationships between YGN countries.



I believe these efforts will contribute to development of future RP!!

Thank you for your attention!!

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One website

<http://www.irpa.net/YPN/index.asp>

One mini-blog

<https://irpaygn.posthaven.com>

Membership to IRPA YGN is open to all members of Young Generation Network in National Radiation Protection Societies (IRPA' associate societies) and where a national YGN is not in place to students and professionals working within the first 10 years of their career in the fields.

