

FAO/IAEA-NARO 共同ワークショップ  
**「農業現場における放射性物質汚染からの復興に関する技術ワークショップ**  
 (Technical Workshop on Remediation of Radioactive Contamination in Agriculture) 」

開催要領

1 趣 旨

本年は、原子力発電所のレベル7の事故である、チェルノブイリ原子力発電所と福島第一原子力発電所の事故からそれぞれ30年、5年と節目となる年です。

放射性物質による農地の汚染は長期にわたって対策が求められることから、二つの事故とその後の対策を共同で検討することは、日本において、今後の農業の対策に極めて重要な知見が得られると期待されます。一方、それぞれの被災地の汚染状況、環境条件は大きく異なっており、両者の問題と対策を体系的に取りまとめることにより、今後の放射性物質の飛散を伴う事故に対して、世界レベルで対応を取ることが可能となります。

そこで農研機構は、農業生産の復興の観点から、それぞれの被災地における放射能汚染対策の研究成果や技術的知見を、国際的に共有・発信することを目的として、FAO/IAEA と共催で本ワークショップを開催します。

2 主 催 農研機構、FAO/IAEA

3 日 時 1日目 平成28年10月17日(月曜日) 9:00~19:00(現地時間)  
 2日目 平成28年10月18日(火曜日) 9:00~15:00(現地時間)

4 場 所 IAEA 本部 (オーストリア/ウィーン)

5 講演内容

1 日目

Period	Activity	Suggested Speakers
09:00 – 09:20	Opening Session	
09:00 – 09:05	Opening remarks by Chair	
09:05 – 09:10	welcome and Opening Statement	DDG-NA, IAEA
09:10 – 09:15	Opening Statement	DIR-NAFA representing FAO
09:15 – 09:20	Opening Statement	Mr. Tokio Imbe, President of NARO
09:20 – 10:20	Plenary Session	
09:20 – 09:40	Plenary 1: Technical overview of key agricultural events since the nuclear power plant accident in 2011	Mr. Nobuhisa Koga, Kyusyu Okinawa Agricultural Research Center, NARO
09:40 – 10:00	Plenary 2: Main highlights on Chernobyl over 30 years and current situation	Ms. Brenda Howard
10:00 – 10:10	Plenary 3: Farmer's experience	Mr. Katsunobu Honda, Farmer of Kawamata town, Fukushima (Japanese-English translation will be done by NARO staff)

<b>Period</b>	<b>Activity</b>	<b>Suggested Speakers</b>
10:10 – 10:20	Plenary 4: Overview of NAFA activity	Mr. Gerd Dercon, NAFA, IAEA
10:20 – 10:30	Question and answer	
<b>10:30-11:00</b>	<b>Coffee break</b>	
11:00-12:30	Technical Session 1 <b>AGRICULTURE LAND &amp; WATER</b>	
11:00 – 11:20	1. Dynamics of radioactive cesium in agro-environment	Ms. Noriko Yamaguchi (Speaker), Mr. Kazunori Kohyama, Mr. Yusuke Takata, Mr. Sadao Eguchi, Institute for Agro-Environmental Sciences, NARO
11:20 – 11:40	2. National experience in remediation of contaminated farmlands after the Chernobyl accident	Mr. Valerii Kashparov, National University of Life and Environmental Sciences (Ukraine)
11:40 – 12:00	3. Development of physical topsoil removal techniques and machines for farmland decontamination	Mr. Sumihiko Miyahara, Institute of Agricultural Machinery, NARO
12:00 – 12:20	4. To be nominated or by application	To be selected by application
12:20 – 12:30	Discussion and Closing remarks	
<b>12:30-13:30</b>	<b>Lunch break</b>	
13:30-15:00	Technical Session 2 <b>PLANTS &amp; CROP PRODUCTS</b>	
13:30 – 13:50	1. Mitigation of radioactive cesium transfer from soil to plant	Mr. Takuro Shinano, Tohoku Agricultural Research Center, NARO
13:50 – 14:10	2. Phyto-management of contaminated land: science, technology and context	Ms. Hildegard Vandenhove
14:10 – 14:30	3. To be nominated or by application	To be selected by application
14:30 – 14:50	4. To be nominated or by application	To be selected by application
14:50 – 15:00	Discussion and closing remarks	
<b>15:00-15:30</b>	<b>Coffee break</b>	
15:30-17:00	Technical Session 3 <b>ANIMALS AND ANIMAL FEEDS</b>	
15:30 – 15:50	1. Radioactive cesium contamination of grassland	Ms. Yasuko Togamura, Institute of Livestock and Grassland Science, NARO
15:50 – 16:00	2. Chernobyl related presentation	To be nominated by Joint Division
16:10 – 16:30	3. To be nominated or by application	To be selected by application
16:30 – 16:50	4. To be nominated or by application	To be selected by application
16:50 – 17:00	Discussion and closing remarks	
17:30 – 19:00	Hospitality Event	Joint Division

2 日目

Period	Activity	Description
09:00 - 10:45	Technical Session 4 <b>FOOD &amp; COMMODITIES (POST HARVEST)</b>	Remediation, communication, monitoring, screening food and control strategies.
09:00 – 09:20	1. Radioactive cesium dynamics during food processing	Ms. Mayumi Hachinohe, Food Research Institute, NARO
09:20 – 09:40	2. Food management following the Chernobyl Accident	Mr. Mikhail Balonov
09:40 – 10:00	3. To be nominated or by application	
10:00 – 10:20	4. To be nominated or by application	
10:20 – 10:30	Discussion and closing remarks	
<b>10:30-11:00</b>	<b>Coffee break</b>	
11:00 - 12:00 (Duration: 1h)	Technical Session 5 <b>SOCIO-ECONOMIC ASPECTS</b>	Consumers / producers / food industry
11:00 – 11:25	1. Current and past situation of disaster area	Mr. Yuzo Mampuku, Central region Agricultural Research Center, NARO
11:25 – 11:50	2. Effects of Remedial Actions Applied in the Areas Affected by the Radiological Accidents: Kyshtym And Chernobyl	Mr. Sergey Fesenko, Terrestrial Environment Laboratory, NAEL, IAEA
11:50 – 12:00	Discussion and closing remarks	
<b>12:00 - 13:00</b>	<b>Lunch break</b>	
13:00-14:00	Discussion, conclusions and recommendations	
<b>14:00-14:30</b>	<b>Coffee break</b>	
14:30 - 14:50 (Duration: 30 mins)	Finalization of conclusions and recommendations	Preliminary recommendations to be drafted by Carl and Ivancho
14:50 – 15:00	Closing addresses (10 minutes)	Mr. Imbe Tokio, President of NARO (5 mins) and Director NAFA (5 mins)

※ FAO : Food and Agriculture Organization of the United Nations  
IAEA: International Atomic Energy Agency

6 参集範囲

農産物や農業現場において、放射能に関する安全性や緊急時の計画に関与する行政部局や放射性物質による汚染からの復興に関わる科学者 等

7 参加費 無料

8 その他の詳細情報

IAEA ホームページ(下記 URL)よりご確認下さい。

<http://www-naweb.iaea.org/nafa/news/2016-FAO-IAEA-NARO.html>