

# **Programme for Joint IAEA-KINS Regional Network Meeting on Radiation Safety and Emergency Response**

For ANNuR, ANSN, FNRBA and RCA member countries  
Conducted by Korea Institute of Nuclear Safety (KINS)

25 ~ 29 June 2018, Daejeon, Republic of Korea

## **Monday, 25 June**

- 09:30 ~ 10:00 Introduction to the Workshop
- 10:00 ~ 10:30 Opening session
- Welcome address from KINS [Changju LEE]
  - Introduction by participants
- 10:30 ~ 10:50 Coffee Break
- 10:50 ~ 11:40 Role and function of IAEA emergency preparedness and response [Marjan TKAVC, IAEA]
- 11:40 ~ 12:30 Nuclear emergency preparedness & response system in Korea [Hongsook KIM]
- 12:30 ~ 13:30 Lunch break
- 13:30 ~ 14:20 Accident progression and source term analysis during nuclear accidents [Namyong KIM]
- 14:20 ~ 15:10 Atmospheric dispersion and deposition modeling for nuclear accident releases [Chun-Sil JIN]
- 15:10 ~ 15:30 Coffee Break
- 15:30 ~ 16:20 Generic and operational criteria in emergency preparedness and response [Youngmin LEE]
- 16:20 ~ 17:30 Simulation training on response to nuclear accidents [Hongsook KIM, Namyong KIM, Chun-Sil JIN, Youngmin LEE]

## **Tuesday, 26 June**

- 09:30 ~ 10:20 IAEA Safety Standards in emergency preparedness and response with overview of GSR Part 7 [Marjan TKAVC, IAEA]
- 10:20 ~ 11:10 Establishing response capability with emphasis on embarking countries [Marjan TKAVC, IAEA]
- 11:10 ~ 11:30 Coffee Break
- 11:30 ~ 12:20 Emergency environmental monitoring in Korea [Cheolsu KIM]
- 12:20 ~ 13:30 Lunch break

- 13:30 ~ 14:20 Introduction to KINS emergency related systems:  
eRAD@NOW, SIREN, etc. [Daeji KIM]
- 14:20 ~ 15:10 IAEA International radiation monitoring information system  
(IRMIS) [Marjan TKAVC, IAEA]
- 15:10 ~ 15:30 Coffee Break
- 15:30 ~ 17:00 KINS lab tour from sample treatment to final measurement  
[Cheolsu KIM, Jungseok CHAE]

### **Wednesday, 27 June**

- 09:30 ~ 10:20 Radiological emergency preparedness & response system in  
Korea [Jeongwan KWON]
- 10:20 ~ 11:10 Introduction to emergency response devices [Heeyeoul CHOI]
- 11:10 ~ 11:30 Coffee Break
- 11:30 ~ 12:30 Emergency response management for radiological emergency  
[Hyunseok LEE]
- 12:30 ~ 13:30 Lunch break
- 13:30 ~ 15:10 Dose assessment in emergency situation [Hyungjoon YU,  
Jeongtae LEE]
- 15:10 ~ 15:30 Coffee Break
- 15:30 ~ 16:20 Lessons learned from radiological event cases [Changsu  
PARK]
- 16:20 ~ 17:10 Retrieval procedures of radiography source [Changil CHOI]

### **Thursday, 28 June**

- 08:30 ~ 11:30 Technical Visit to Radiation Science Research Institute of  
KAERI (Jeong-eup City)
- 11:40 ~ 14:30 Lunch break (Jeong-eup City)
- 14:30 ~ 15:20 Status of installation & operation of radiation portal monitor in  
Korea [Hyeonjun CHOI/In KINAC]
- 15:20 ~ 17:00 Simulation training on response to radioactive material detected  
by radiation portal monitor [Jeongwan KWON] [Changil  
CHOI] [Heeyeoul CHOI] [Hyunseok LEE] [Hyeonjun CHOI/In  
KINAC]

### **Friday, 29 June**

- 09:30 ~ 10:20 IAEA emergency preparedness and response information  
management system (EPRIMS) [Marjan TKAVC, IAEA]
- 10:20 ~ 11:10 Special lecture on radiological protection [Kunwoo CHO]
- 11:10 ~ 11:30 Coffee Break
- 11:30 ~ 12:30 Closing session

12:30 ~ 13:30

- Certificate of Completion, Group photo  
Lunch