Section 3: Psychological impact and information sharing

Chairperson: Kenneth E. Nollet (FMU)
Rapporteur: Kazumasa SHIMADA (JAEA)
3.1 Psychological impact based on the Fukushima Daiichi nuclear power plant accident
Dr Masaharu Maeda (FMU, Japan)

- Survey for mental health state of evacuee
- Evacuee had fear about accident
- Mother’s anxiety and children’s reaction
- Broken-up community and friction between evacuees and original
- Rates of people at risk of depression is high
- Stigma among young women similar to “Hibakusha”
- New facilities for improving mental health problems
3.2 How to introduce up-to-date radiation protection information to citizens?
Dr Ryugo Hayano (University of Tokyo, Japan)

- Social media is useful to connect people
- Triggered by mother’s anxieties on social media to measure School lunch Cs
- Whole Body Counter measurements with medical doctors
- For small children, BABYSCAN developed with designer
- Face-to-face communication (BABYSCAN) is the key to improve situation
3.3 Explanation on how to address concerns regarding human health effects of radiation from a public nurse’s point of view Ms Makiko Oita (Nagasaki University, Japan)

- Cooperation between Nagasaki University and Kawauchi Village is model case for reconstruction
- Measurement of radionuclides in soils and the mushroom
- Evaluation of personal doses for residents to return their homes.
- Individual consultation on radiation exposure and health effects by nurse based on measured data
3.4 Perception of the Fukushima Daiichi nuclear power plant accident by the international community
Dr Ng Kwan Hoong (University of Malaya, Malaysia)

- When Nuclear accident occurred, neighbor countries have problems.
- Simply and clearly information of radiation is important.
- Language nuance be affected to misunderstanding; radiation contamination, safety and security.
- Different of criteria value; water and juice and rice.
- Impact of huge number of Bq.
- How to share the information timely.
3.5 A journalist’s point of view of the Fukushima Daiichi nuclear accident Mr Aaron Sheldrick (Thomson Reuters)

- Dealing with three disasters (Earthquake, tsunami, Nuclear Accident)
- Responsibility: don’t PANIC to public
- Study radiation and nuclear power in short time
- Which specialist is consulted in accident at first?
- How to deal with distribution accident information?
- TEPCO’s announce was in conflict with government’s announce
- Journalist need coherent and will information, not huge data, data damping
3.6 How to clearly present information of the Fukushima Daiichi nuclear power plant accident to the public Mr Masaya Hayakawa (Fukushima-Minpo, Japan)

- Confusion regarding low-dose exposure in public (in family).
- Direct Factors become complex
  - Radiation risk → compensation and more
- Try visualize of all environmental radioactivity
- Spread and enlighten residents with basic knowledge regarding radiation; Q & A, Dr Takamura
- Clarify circumstances with caused residents’ state of confusion and disseminated current RP measures to residents
- There are light and shadow in Fukushima.