Report from the Third Technical Meeting for the MODARIA II Programme

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Programme Objective

- .....to improve capabilities in the field of environmental transfer of radionuclides and public and non-human biota exposures assessment, by means of acquisition of improved data for model testing, comparison, reaching consensus on modelling philosophies, approaches and parameter values, development of improved methods and exchange of information.
MODARIA II
MODARIA II Programme: applications

- Prospective and retrospective assessments used for protection of people and the environment.
- National and international regulatory frameworks.
- Consistent with and useful for the application of IAEA Safety Standards.
Over 150 experts from 40 Member States from:

- Technical support organizations; universities; research institutes; regulatory bodies; operating organizations

4 day meeting comprising:

- Working Groups
- Optional training sessions on assessment tools and applications
- Cross-cutting topical presentations
MODARIA II
MODARIA II : 7 Working Groups

1. Assessment and Decision Making of Existing Exposure Situations for NORM and Nuclear Legacy Sites (Ming Zhu, Tamara Yankovich)

2. Assessment of Exposures and Countermeasures in Urban Environments (Kathleen Thiessen, Tamara Yankovich)

3. Assessments and Control of Exposures to the Public and Biota for Planned Releases to the Environment (Juan Carlos Mora, Diego Telleria)

4. Transfer Processes and Data for Radiological Impact Assessment (Brenda Howard, Gaby Voigt, John Twining, Andra Iurian, Alexander Ulanovsky)

5. Exposure and Effects to Biota (Nick Beresford, Jordi Vives, Frédéric Alonzo, Diego Telleria)


7. Assessment of Fate and Transport of Radionuclides Released in the Marine Environment (Raul Perianez, Paul McGinnity)
MODARIA II: Status of work

• Working Groups have held Interim Meetings to progress work and plan outputs/reports
• Final Technical Meeting in October 2019 (21\textsuperscript{st} - 24\textsuperscript{th})

1. Review work and schedule high quality outputs to be published by IAEA (+ possible Special Issue of Journal of Environmental Radioactivity)

2. Plan future programme:
   • important to align with wider safety objectives of IAEA and consider cross-cutting topics + continuing to respond to changing concerns of Member States
   • Provide platform for experts to discuss and exchange information on radiological impact assessment
   • Encourage participation of younger scientist and those developing expertise in this field
THANK YOU

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