

International Conference on the Protection of the Environment from the Effects of Ionizing Radiation

PROGRAMME OVERVIEW

Sunday, 5 October	Monday, 6 October	Tuesday, 7 October	Wednesday, 8 October	Thursday, 9 October	Friday, 10 October	Saturday, 11 October
09:00 Bus pick-up at Norra Latin to Forsmark	08:00–09:30 Registration <i>at the Norra Latin</i>	09:00–17:30	09:00–17:00	09:00–17:30	09:00–12:00 Chairpersons of Round Tables Summaries of round table discussions Discussion	09:00–11:00 Visit to SKB Facilities
11:00–12:30 Information on the Site Investigation and Drilling Site visit	09:30–17:30 Opening Session Welcoming Addresses President's Address Background Session Topical Session (1) Stakeholder views Round Table (1)	Topical Session (2) Case studies Rapporteur's Report (1) Poster Viewing Session Topical Session (3) Approaches for non-radioactive pollutants – searching for coherence and consistency Round Table (2)	Topical Session (4) Building on current knowledge Rapporteur's Report (2) Rapporteur's Report (3) Poster Viewing Session Topical Session (4) cont'd	Topical Session (4) cont'd Round Table (3) Topical Session (5) Round Table (4)	President's overview Closing remarks	
12:30–13:30 <i>Lunch</i> <i>at Forsmark's Inn</i>					12:00 Closing of the Conference	11:30–12:30 <i>Lunch</i> <i>at Äspö Research Village</i>
13:30–15:30 Visit to SFR, Final Operational Waste Repository					14:00 Bus pick-up from Norra Latin to Oksarshamn	13:00–15:00 Visit to SKB Facilities
16:00 Bus pick-up from Forsmark to Norra Latin	17:30 <i>Adjourn</i>	17:30 <i>Adjourn</i>	17:00 <i>Adjourn</i>	17:30 <i>Adjourn</i>	16:30 <i>Coffee Break</i> <i>at Tindered</i>	15:00 Bus pick-up from Oskarshamn for Stockholm
16:00–19:00 Registration <i>at the Norra Latin</i>			18:30 Bus pick-up from Norra Latin		18:00 Approximate arrival in Oskarshamn Check in at the Hotel	19:30 Approximate arrival at Stockholm Central Station
17:30–19:00 Welcome Drinks <i>at the Norra Latin</i>	18:00 Reception <i>at the Stockholm City Hall</i>	19:00 IUR Assembly (IUR Members only)	19:30 Conference Dinner <i>at Solliden, Skansen</i>		19:30 Dinner <i>at the Hotel Corallen</i>	

☐ = Technical Tours (optional)

SUNDAY, 5 OCTOBER 2003

16:00–19:00 Registration

17:30–19:00 Welcome Drinks

MONDAY, 6 OCTOBER 2003

08:00 Registration

09:30 Opening Session

Welcoming addresses:

L. Sommerstad, Minister of the Environment for Sweden

T. Taniguchi, Deputy Director General for Nuclear Safety and Security, IAEA

N. Gentner, UNSCEAR

EC

P. Strand, IUR

10:00 President's address:

L.-E. Holm, Sweden

10:30 Coffee Break

Background Session

Chairperson: L.-E. Holm, Sweden

11:00 R.H. Clarke, ICRP

ICRP recommendations related to environmental radioactivity

11:30 A.J. González, IAEA

International standards for the control of radioactive releases

12:00 J. Ritch, World Nuclear Association (WNA)

Ensuring protection of non-human species: a nuclear industry perspective

12:30 S. Smith, WWF

Environmental radiation protection: views from WWF

13:00 Lunch Break

Topical Session 1: Stakeholder views

Chairperson: L. Keen, Canada

14:30 A. Oliveira, Argentina

Regulatory control of discharges to the environment: a regulator's view

15:00 Presentation by Operator Representative

(to be confirmed)

15:30 Coffee Break

16:00 Round Table 1: Is stakeholder involvement an essential element of environmental radiation protection and how should it be achieved?

Chairperson: L. Keen, Canada

Panellists: T. Carlsson, Sweden

A. Shpyth, Canada

A. Tsela, South Africa

J. Sutcliffe, UK

17:30 Adjourn

18:00 Reception hosted by the Mayor of Stockholm at the Stockholm City Hall

TUESDAY, 7 OCTOBER 2003

Topical Session 2: Case studies

Chairperson: L. Zondo, South Africa

09:00 S. Saint-Pierre, France
Assessment of marine biota doses arising from the radioactive sea discharges of the Cogema Hague facility – a comprehensive case study

09:30 S. Domotor, USA
The U.S. Department of Energy's regulatory and evaluation framework for demonstrating radiation protection of the environment

10:00 A. Johnston, Australia
Protection of the environment from the effects of ionising radiation associated with uranium mining

10:30 Rapporteur's Report 1:
Contributed papers related to regulatory approaches and case studies
Rapporteur: L. Moberg, Sweden

11:00 Coffee Break

11:30 Poster Viewing Session

13:00 Lunch Break

Topical Session 3: Approaches for non-radioactive pollutants – searching for coherence and consistency

Chairperson: L. Zondo, South Africa

14:30 Environment Canada (to be confirmed)
Regulating non-radioactive environmental pollutants

15:00 M. Clark, USA
Comparison of approaches to ionizing radiation and other pollutants

15:30 Coffee Break

16:00 Round Table 2: Is consistency of regulations for ionizing radiation and other pollutants important?

Chairperson: D. Clein, Argentina
Panellists: M. Doi, Japan
I. Baste, UNEP
U. Fernandez, Cuba
A. Simcock, OSPAR Commission
D. Oughton, IUR

17:30 Adjourn

WEDNESDAY, 8 OCTOBER 2003

Topical Session 4: Building on current knowledge

Chairperson: J.-F. Lacronique, France

09:00 P. Strand, IUR

Research in radioecology: overview of status and future challenges

09:30 C.-M. Larsson, Sweden

The FASSET and EPIC programmes

4.1. *Environmental Transfer*

10:00 S. Fowler, IAEA Marine Environment Laboratory

Bioaccumulation patterns in marine organisms

10:30 B.J. Howard, UK

Ecological systems – data requirements and availability

11:00 *Coffee Break*

11:30 Rapporteur's Report 2:

Contributed papers related to environmental transfers and dosimetry

Rapporteur: G. Pröhl, Germany

12:00 Rapporteur's Report 3:

Contributed papers on biological effects and population and ecosystem studies

Rapporteur: S.I. Salomaa, Finland

12:30–14:30 *Lunch Break*
and **Poster Viewing Session**

Topical Session 4: Building on current knowledge (cont'd)

Chairperson: J.-F. Lacronique, France

4.2. *Dosimetry*

14:30 H.-G. Menzel, ICRU

Dosimetric quantities for non-human organisms

15:00 D.B. Chambers, Canada

Radiation weighting factors for biota

15:30 *Coffee Break*

Topical Session 4: Building on current knowledge (cont'd)

Chairperson: Y. Sasaki, Japan

4.3. *Biological Effects*

15:45 I. Zinger, UK

Effects on the individual – an overview

16:15 P.A. Thompson, Canada

The effects of exposure to multiple stressors

17:00 *Adjourn*

18:30 *Bus Pick-up from Norra Latin*

19:30 *Conference Dinner at Solliden, Skansen*

THURSDAY, 9 OCTOBER 2003

Topical Session 4: Building on current knowledge (cont'd)

Chairperson: Y. Sasaki, Japan

4.4. Population and Ecosystem Studies

09:00 D.S. Woodhead, UK

Can continuous low-level irradiation affect populations?

09:30 R.M. Alexakhin, Russian Federation

Observations of effects in contaminated areas

4.5. Application of Current and Future Knowledge

10:00 R.J. Pentreath, UK

The concept and use of Reference Animals and Plants

10:30 Coffee Break

11:00 Round Table 3: What are the implications of existing knowledge on the exposure and effects of radiation on non-human species for protection of the environment, and what are the most significant data gaps?

Chairperson: Y. Zhu, China

Panellists: R. Avila, Sweden
J.M. Godoy, Brazil
J. Garnier-Laplace, France
K. Higley, USA

12:30 Lunch Break

Topical Session 5: Implications of ICRP proposals for international Safety Standards

Chairperson: Z. Pan, China

14:00 L.-E. Holm, ICRP

ICRP Developments on the Protection of Non-Human Species

14:30 S. Mundigl, OECD/NEA

Building a System for Radiological Protection of the Environment – contribution from the NEA Committee on Radiation Protection and Public Health

15:00 C.A. Robinson, IAEA

The status of IAEA work on the development of standards and ideas for the future

15:30 Coffee Break

16:00 Round Table 4: Do the ICRP Proposals provide an appropriate way forward to develop an approach for the protection of non-human species?

Chairperson: J. Loy, Australia

Panellists: WNA
S. Carroll, Greenpeace International
H. Forsström, EC
N. Gentner, UNSCEAR

17:30 Adjourn

FRIDAY, 10 OCTOBER 2003

09:00 **Round Table 5: Communication with the public and the role of the media**
Chairperson: **Tentative / to be confirmed**

10:00 Coffee Break

10:30 **Chairpersons of Round Tables**
Summaries of round table discussions
Discussion

11:30 **L.-E. Holm, Sweden**
President's overview of Conference Findings and Recommendations
A.J. González, IAEA
Closing remarks

12:00 Closing of the Conference

14:00 Bus Pick-up from Norra Latin for optional Technical Tour to Oskarshamn
