The Abdus Salam International Centre for Theoretical Physics

United Nations Educational, Scientific and Cultural Organization

IAEA International Atomic Energy Agency

Workshop on the use of the Simpacts Model for estimating Human Health and Environmental Damages from Electricity Generation

Director(s): J.V. Spadaro (IAEA)
Trieste - Italy, 12 - 23 May 2003

Venue: Adriatico Guest House Giambiagi Lecture Hall

Final programme

Monday, 12 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

12 May 2003

09:00 - 10:45	(Room: Adriatico Guest House (Lower Level 1)) **REGISTRATION AND ADMINISTRATIVE FORMALITIES**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	**L. Langlois** Workshop Overview **Objectives, organization and anticipated output**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	**G.R. Athar, U. Radovich** Environmental impacts I & II **Definitions, problem visualization and evaluation approaches**
15:15 - 15:30	--- coffee break ---
15:30 - 16:30	**Z. Tomsic** **Environmental impacts III**
16:30 - 17:15	**J.V. Spadaro** **Overview of SIMPACTS methodology and computer tools**

Tuesday, 13 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

13 May 2003

09:00 - 10:45	**Z. Tomsic** Air Pollution I **Impact assessment methodology**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	**U. Radovich** Air Pollution II **SIMPACTS methodology and AIRPACTS models**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	**L. Langlois** **Economic valuation of environmental impacts**
15:15 - 15:30	--- coffee break ---
15:30 - 17:15	**J.V. Spadaro** Work Session **AIRPACTS demonstration**

Wednesday, 14 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

14 May 2003

09:00 - 10:45	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **AIRPACTS practice**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	**G.R. Athar** Radiological emissions I **SIMPACTS methodology**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	**L. Turtos** Radiological emissions II **NUKPACTS models**
15:15 - 15:30	--- coffee break ---
15:30 - 17:15	Work Session **NUKPACTS demonstration**

Thursday, 15 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

15 May 2003

09:00 - 10:45	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **NUKPACTS practice**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	**A. Rabl** **Exposure-Response Functions**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	**Z. Tomsic** Hydro Projects **Assessing the impacts and damage costs**
15:15 - 15:30	--- coffee break ---
15:30 - 17:15	**G.R. Athar** Work Session **HYDROPACTS model and demonstration**

Friday, 16 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

16 May 2003

09:00 - 10:45	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **HYDROPACTS practice**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **Q&A on difficulties encountered in using SIMPACTS models**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	**A. Rabl** **Uncertainty assessment**
15:15 - 15:30	--- coffee break ---
15:30 - 17:15	**J.V. Spadaro** Work Session **SIMPACTS demonstration**

Monday, 19 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

19 May 2003

09:00 - 10:45	**L. Turtos Carbonell** **Developing case studies I**

10:45 - 11:00	--- coffee break ---
11:00 - 12:30	**G.R. Athar** **Case study I: Pakistan**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	**U. Radovich** **Case study II: Poland Renewables**
15:15 - 15:30	--- coffee break ---
15:30 - 17:00	**J.V. Spadaro** **Case studies: Canyon Case, Rain Case, Jakarta Case**

Tuesday, 20 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

20 May 2003

09:00 - 10:45	**U. Radovic** **Introduction to Decision Analysis**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **L. Turtos Carbonell** Work Session **DAM Model and Demonstration of DAM**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **DAM practice**
15:15 - 15:30	--- coffee break ---
15:30 - 17:00	**Case studies** each team to present its country-specific case study (5 - 10 min./team)

Wednesday, 21 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

21 May 2003

09:00 - 10:45	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **Country case study**
10:45 - 11:00	--- coffee break ---

11:00 - 12:30	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **Country case study (cont.)**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **Country case study (cont.)**
15:15 - 15:30	--- coffee break ---
15:30 - 17:00	**M. Holland** **Policy applications I**

Thursday, 22 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

22 May 2003

09:00 - 10:45	**M. Holland** **Policy applications II**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **Country case study (cont.)**
12:30 - 13:30	--- lunch break ---
13:30 - 15:15	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **Country case study (cont.)**
15:15 - 15:30	--- coffee break ---
15:30 - 17:00	(Room: Adriatico Guest House - Eklund Informatics Lab (Lower Level 1)) **all teachers** Work Session **Country case study (cont.)**

Friday, 23 May (Room:Adriatico Guest House Giambiagi Lecture Hall)

23 May 2003

09:00 - 10:45	**M. Holland** **Answers to frequently asked questions**
10:45 - 11:00	--- coffee break ---
11:00 - 12:30	**Team presentations of case studies**

12:30 - 13:30	--- lunch break ---
13:30 - 15:15	**Team presentations of case studies**
15:15 - 15:30	--- coffee break ---
15:30 - 17:00	**Closing Session**