



Pre-conference Workshop 1.2

Health Impact Quantification II. INTARESE / HEIMTSA TOOLBOX

Wednesday, April 13, 8:30-12:30

ORGANIZING INSTITUTIONS

NRW Institute of Health and Work-WHO Collaborating Center on Regional Health Policy and Public Health (Bielefeld)
Erasmus Medical Centre (EMC), University of Rotterdam
Institute of Occupational Medicine (IOM, Edinburgh)
In coordination with the World Health Organization (WHO)

OVERVIEW

Among the roots of Health Impact Assessment (HIA), there is a strong tradition of qualitative approaches, with a focus on health equity issues and on stakeholder participation. These approaches have proven useful in numerous situations.

Meanwhile it has become increasingly clear that the idea of HIA will benefit considerably if the HIA community develops and applies also quantitative approaches, including the usage of health metrics and the explicit modelling of health impacts. As a consequence, today, there is a broad range of quantitative health impact modelling approaches, some of them just being completed in EC co-funded projects.

From this background, a first workshop on quantifying the health impacts of policies was held in Düsseldorf (D) in March 2010, to provide an overview of the "state of the art". Participants were mostly recruited from European groups actively involved in health impact modelling. The models presented included DYNAMO-HIA, INTARESE/HEIMTSA, LIGA / U Bielefeld approach, PREVENT, and UCLA Health Forecasting model¹.

The 2nd workshop aims to address broader audiences, i.e. not only developers of models and modelling tools, but also potential users of models, tools, and modelling results, incl. Public Health staff, advisors, and decision-makers. Main aims of the workshop are:

- Updating the status of health impact modelling approaches, incl. input requirements
- Identifying commonalities and differences of tools, focusing on how the different approaches fit together
- Discussing real-life "showcase" applications from both scientific and policy perspectives
- Considering practical issues incl. accessibility of software and training options
- Identifying open questions for research and development.

PROGRAM

8:30-9:00 Welcome, short introduction
9:00-12:30 Part 1. Parallel workshops on Health Impact Quantification toolkits: (1) DYNAMO-HIA; (2) INTARESE/HEIMTSA
14:00-18:00 Part 2: Health impact quantification: Status and perspectives

Workshop contributions and results will be documented and made publicly accessible. For questions and comments, please contact:

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¹ The workshop presentations can be found online, www.liga.nrw.de/service/downloads/pub-gesundheit/pub-tagng/100316_quantifying_health_impacts/index.html. Report forthcoming



WORKSHOP 1.2. INTARESE / HEIMTSA Toolbox

CHAIR Fintan Hurley

FACILITATORS Joachim Roos, Rainer Friedrich, Denis Sarigiannis, Alberto Gotti

PROGRAM

09.00-09.15 Overview and purpose (Fintan Hurley)

- Brief introduction to the work of HEIMTSA and INTARESE, and to the Toolbox as a key output of these two projects.

09.15-10.30 Guidance System and Toolkit (Joachim Roos, Rainer Friedrich)

- The Guidance System is a detailed on-line guidance to the concepts and methods of integrated environmental health impact assessment, with many examples. The Toolkit is a set of stand-alone resources (data, models) useful at various stages of the analysis, depending on the environmental factors being considered.

10.30-11.00 Coffee

11.00-12.15 Computational System / Integrated Assessment Platform

- The Computational System / Integrated Assessment Platform is an environment to facilitate the complex computations sometimes necessary in analysing, for various environmental pollutants, the full chain or impact pathway from emissions through to (aggregated) health impacts. The Light version is for training; the Full version requires co-operation of those who maintain core models and datasets.
 - Light version (Rainer Friedrich, Joachim Roos)
 - Full version (Denis Sarigiannis, Alberto Gotti)

12.15-12.30 Wrap-up (Fintan Hurley)

PRACTICAL ISSUES

- Attendees are encouraged to bring their own laptop, so that each can explore (with help) the Guidance System and Toolkit.
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