

# Heimtsa / Intarese / 2-FUN Summer School on Integrated environmental health impact assessment

10 - 12 June 2009

University of Stuttgart  
 Institut für Energiewirtschaft und Rationelle Energieanwendung (IER)  
 Hessbruehlstrasse 50  
 D-70565 Stuttgart, GERMANY

Target group: New recruits, PhD students, all other interested (HEIMTSA, INTARESE, 2FUN)

**Please bring your own laptop if possible!**

## Day 1

Rooms:	Conference rooms on the ground level
Arrival:	We will be available for you from 8:30

I)	Welcome and Registration	<b>8:30 – 9:00</b>
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I)	Opening	<b>9:00 – 9:15</b>
	<ul style="list-style-type: none"> <li>Welcome. Purpose, Practical issues</li> </ul>	R. Friedrich, A. Kuhn

II)	Integrated environmental health impact assessment	<b>9:15 – 9:45</b>
	<ul style="list-style-type: none"> <li>Overview of integrated environmental health impact assessment</li> </ul>	D. Briggs, F. Hurley

### Core curriculum

III)	Process of an assessment (INTARESE)	<b>9:45 – 10:20</b>
	<ul style="list-style-type: none"> <li>Scenarios, scoping of an assessment (15 min)</li> <li>Design, Execution, Appraisal (20 min)</li> </ul>	D. Briggs RIVM, PBL, THL

### Coffee

IV)	Steps along the impact pathway / causal chain	<b>10:50 – 11:35</b>
	<ul style="list-style-type: none"> <li>Policy measures, activities, drivers, emissions, scenarios (HEIMTSA 5.1) (15 min)</li> <li>Emissions to concentrations (HEIMTSA 2.2, INTARESE 2.1) (15 min)</li> <li>Exposure scenarios (HEIMTSA 2.1) (15 min)</li> </ul>	J. Theloke, U. Kummer D. van den Hout, J. Duyzer M. Loh

V)	Hands-on training	<b>11:35 – 12:00</b>
	<ul style="list-style-type: none"> <li>Policy relevant presentation of indicators (25 min)</li> </ul>	E. Kunseler

### Lunch

### Core curriculum

VI)	Steps along the impact pathway / causal chain	<b>13:00 – 14:15</b>
	<ul style="list-style-type: none"> <li>Health impacts, ERFs (HEIMTSA 3, INTARESE 1.3)</li> </ul>	G. Hoek, F. Hurley

(15 min)

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|--|--------------------|
| • Principles for aggregation (15 min)                | R. Friedrich       |
| • Aggregation DALYs etc. (INTARESE 1.4) (15 min)     | A. Knol, E. Lebret |
| • Valuation (HEIMTSA 4) (15 min)                     | A. Hunt            |
| • Uncertainties (INTARESE 1.5, HEIMTSA 1.2) (15 min) | A. Zenie, 2-FUN    |

**Coffee**

**14:15 – 14:45**

**VII) Parallel sessions: In-depth discussions (each 45 min)**

**14:45 – 16:15**

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|--|----------------------------|---|----------------------------------|
| a Policy measures, activities, drivers, emissions, scenarios (HEIMTSA 5.1) | U. Kummer                  | Health impacts, ERFs (HEIMTSA 3, INTARESE 1.3)                    | G. Hoek, F. Hurley               |
| b Emissions to concentrations (HEIMTSA 2.2, INTARESE 2.1)                  | D. van den Hout, J. Duyzer | Aggregation, principles of aggregation, DALYs etc. (INTARESE 1.4) | R. Friedrich, A. Knol, E. Lebret |

**Evening programme**

**17:00**

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|--|-------------------------------|------------------------------------|----------------------------------|
| Visit to high ropes course (optional) for registered persons | A. Kuhn<br>Departure<br>16:15 | Restaurant "Ratskeller" (optional) | R. Friedrich<br>Departure<br>xxx |
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**Day 2**

Rooms:	Conference rooms on the ground level
Arrival:	We will be available for you from 8:30

<b>I)</b>	<b>Parallel sessions: In-depth discussions</b> (each 45 min)			<b>9:00 – 9:45</b>
	Exposure scenarios (HEIMTSA 2.1)	M. Loh	Valuation (HEIMTSA 4)	A. Hunt
<b>II)</b>	<b>Parallel sessions: HEIMTSA case studies</b> (each 30 min)			<b>9:50 – 10:20</b>
a	Outdoor air case study	F. Hurley, A. Bartonova	Noise case study	D. van den Hout
b	Indoor air case study	M. Loh	Complex pathways	JRC
<b>Coffee</b>				<b>10:20 – 10:50</b>
<b>III)</b>	<b>Parallel sessions: INTARESE case studies</b> (each 30 min)			<b>10:50 – 12:20</b>
a	Transport	G. Hoek, J. de Hartog	Water	J. Grellier
b	Housing	LSHTM	Agriculture	A. Karabelas
c	Household chemicals	G. Schuur	Waste	F. Forastiere
<b>Lunch</b>				<b>12:20 – 13:20</b>
<b>IV)</b>	<b>Plenary</b>			<b>13:20 – 14:00</b>
	<ul style="list-style-type: none"> <li>Climate (change) INTARESE case study (20 min)</li> <li>Mega Case Studies (20 min)</li> </ul>			M. Huynen USTUTT
	2-FUN case studies (part I)			<b>14:00 – 14:30</b>
	<ul style="list-style-type: none"> <li>2-FUN case studies (which)</li> </ul>			E. Casimiro
<b>Coffee</b>				<b>14:30 – 15:00</b>
<b>V)</b>	2-FUN case studies (part II)			<b>15:00 – 15:30</b>
	<ul style="list-style-type: none"> <li>2-FUN case studies (which)</li> </ul>			E. Casimiro
<b>VI)</b>	Uncertainties in the case studies			<b>15:30 – 16:00</b>
	<ul style="list-style-type: none"> <li>Uncertainties in the case studies</li> </ul>			A. Zenie. et al.
<b>VII)</b>	Toolbox for life (optional)			<b>16:00 – 17:00</b>
a	Listening	F. Hurley	b Martial arts	TBA
			c xxx	xxx
<b>Evening programme</b>				<b>17:00</b>
	Visit: <b>Mercedes Museum</b> for registered persons (18:00) (included in the conference fee)			<b>Departure</b> <b>17:00</b>
	<b>Dinner</b> incl. wine tasting (included in the conference fee)			<b>20:00</b>

### Day 3

Rooms: Conference rooms on the ground level

Arrival: We will be available for you from 8:30

I)	Use of the wiki in the frame of open assessment		<b>9:00 – 9:20</b>
	• Example climate change case study on a city level		J. Tuomisto
II)	Toolbox (INTARESE part)		<b>9:20 – 9:40</b>
	• Toolbox: user interface and functionality		A. Kuhn, V. Klotz
III)	Toolbox (HEIMTSA part)		<b>9:40 – 10:00</b>
	• Toolbox: user interface and functionality		TBA
IV)	Toolbox (2-FUN part)		<b>10:00 – 10:15</b>
	• Toolbox: user interface and functionality		TBA
<b>Coffee</b>			<b>10:15 – 10:40</b>
V)	Spatial issues		<b>10:40 – 11:00</b>
	• Spatial issues		C. Sabel
VI)	Toolbox exercises		<b>11:00 – 12:00</b>
	• Integrated assessment system EcoSense		V. Klotz
<b>Lunch</b>			<b>12:00 – 13:00</b>
VII)	Toolbox exercises (parallel sessions)		<b>13:00 – 15:00</b>
	Spatial issues and uncertainty visualisation	K. Lee, L. Gerharz	Role play A. Kuhn, V. Klotz
VII)	Wrap-up and good bye		<b>15:00 – 15:30</b>
<b>Close</b>			<b>15:30</b>