



**THEMES, UAB-ICTA, 7-17 June 2006, Program**

	7	8	9	10	11	12	13	14	15	16	17
9-11	<p><b>L.Lemkow, J. Martinez-Alier</b></p> <p>Introduction, presentation THEMES and participants</p> <p><b>D. Sauri, E. Domene</b> Urbanisation and Water Use in the Metropolitan Region of Barcelona</p>	<p><b>M.Giampietro, K. Mayumi, J. Ramos-Martin,</b></p> <p>Dealing with Complexity of Agricultural Systems</p>	<p><b>MG/JRM/KM</b></p> <p>Workshop 1</p>	<p><b>MFK/CS/ACG</b></p> <p>Workshop 2 Social Metabolism</p>	<p><b>FREE</b></p>	<p><b>S. Funtowicz, J. van der Sluijs, R. Strand, S. Muñiz</b></p> <p>Uncertainty, Complexity and Post-normal science</p>	<p><b>J. van der Sluijs</b></p> <p>The Precautionary Principle</p>	<p><b>G. Munda</b></p> <p>Social Multicriteria Analysis</p>	<p><b>GM/GG/DR/IM</b></p> <p>Workshop 4 SMCE</p>	<p><b>J. Martinez-Alier, A. Vatn</b></p> <p>Reflexive Neo-Malthusianism in Europe around 1900</p> <p>Complexity and Institutions</p>	<p><b>JMA/AV</b></p> <p>Workshop evaluation THEMES and Closing Lecture</p>
11.30-1.15	<p><b>V. Reyes-Garcia</b></p> <p>The Ethno-Ecology Lab at ICTA</p>	<p><b>M.Giampietro, K. Mayumi, J. Ramos-Martin</b></p> <p>Multi-Scale Integrated Analysis of Societal Metabolism (MSIASM): theory and applications</p>	<p><b>M. Fischer-Kowalski,</b></p> <p>Social Metabolism and Time-Use</p>	<p><b>S. Funtowicz, J. van der Sluijs, R. Strand, S. Muñiz</b></p> <p>Uncertainty, Complexity and Post-normal science</p>		<p><b>S. Funtowicz, J. van der Sluijs, R. Strand, S. Muñiz</b></p> <p>Uncertainty, Complexity and Post-normal science</p>	<p><b>S. Lélé</b></p> <p>Sustainability in the tropical forest: Philosophy, Ecology and Social analysis</p>	<p><b>G. Munda, G. Gamboa, I. Monterroso</b></p> <p>MCE of Renewable Energy Systems, Bioinvasion of Hydrilla, Lake Izabal, Guatemala</p>	<p><b>D. Tàbara</b></p> <p>Modelling multiscale complexity for Integrated Sustainability Assessment of water systems, Matisse project</p>	<p><b>A. Vatn</b></p> <p>Complexity and Institutions</p>	<p><b>FREE</b></p>

3-5.30	<b>V. Reyes-Garcia</b>  Ethno-ecology: Bolivian case study	<b>M. Giampietro, K. Mayumi, J. Ramos-Martin,</b>  Multi-Scale Integrated Analysis of Societal Metabolism (MSIASM): theory and applications	<b>M. Fischer-Kowalski, C. Sendra, A. Citlalic Gonzalez</b>  Social Metabolism, MFA – Spain, Catalonia, Mexico	<b>S. Funtowicz, J. van der Sluijs, R. Strand, S. Muñiz</b>  Uncertainty, Complexity and Post-normal science	<b>FREE</b>	<b>SF, JS, SM</b>  Workshop 3 Uncertainty, complexity, post-normal science	<b>R. Zahn</b> Certainties, uncertainties and surprises in climate change  <b>A. Rosell</b> Earth System Science or the science of Gaia  <b>S. Rossi</b> The animal Forest: An Endangered Ecosystem	<b>G. Munda, G. Gamboa, D. Russi,</b>  MCE of Renewable Energy Systems, Cont.	<b>*N. Kosoy, R. Muradian, J. Martínez-Alier</b>  Payment for hydric environmental services - Central America	<b>JMA/AV</b>  Workshop 5 Participants presentation
6-7.30			<b>J. Dryzek</b>  Deliberative innovation to different effects: cross national comparisons					<b>B. Rodríguez Labajos, R. Binimelis, I. Monterroso</b> Bioinvasions in Ebro River  <b>B. Ozkaynak,</b> Scenarios of Urban Development	<b>*A. Lobo, M. Orta</b> Remote Sensing: oil impact in Peru	

\* Special program: 3.00-5.00 and 5.30-7.00.

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**AV** Arild Vatn  
**CS** Cristina Sendra  
**DR** Daniela Russi

**GG** Gonzalo Gamboa  
**GM** Giuseppe Munda  
**KM** Kozo Mayumi  
**JMA** Joan Martínez-Alier

**JRM** Jesus Ramos-Martin  
**JS** Jeroen van der Sluijs  
**MFK** Marina Fischer-Kowalski  
**MG** Mario Giampietro

**SM** Sigrid Muñiz  
**SF** Silvio Funtowicz