



Intersecretariat Working Group on Environment Statistics

International Work Session on Water Statistics

hosted by

**THE UMWELTBUNDESAMT
(AUSTRIAN FEDERAL ENVIRONMENT AGENCY)**

**Location: Vienna, Austria
Basler DemoCenter, Treustrasse 35-43, A-1200 Wien
Date: 20-22 June 2005**

This Work Session is organised by the Intersecretariat Working Group on Environment Statistics (IWG-ENV) together with the UN Food and Agriculture Organisation, the UNEP GEMS/Water programme and the Umweltbundesamt (Austrian Federal Environment Agency).

The current members of the IWG-ENV are:

The United Nations Statistics Division (UNSD),
the Organisation for Economic Co-operation and Development (OECD),
the Statistical Office of the European Communities (Eurostat),
the United Nations Environment Programme (UNEP), and
the United Nations Economic Commission for Europe (UN-ECE).

The organisers would like to thank the Austrian Federal Environment Agency for hosting this Work Session and for all their help, without which this meeting would not have been possible.

A map of the meeting location can be found via the IWG-ENV meeting homepage:

http://www.umweltbundesamt.at/fileadmin/site/aktuelles/veranstaltungen/2005/unsd_map.jpg

Monday 20 June 2005

9:00 – 9:30	Registration
Opening Session 9:30 – 10:30	Opening speeches <ul style="list-style-type: none"> • Umweltbundesamt • Statistik Austria • Austrian Ministry of Agriculture, Forestry, Environment & Water Management • UNSD • OECD
<i>10:30 – 10:50 Coffee Break</i>	
Session 1 10:50 – 12:30	The need for water statistics: information for water policies Chair: Ingeborg Fiala, Austrian Ministry of Agriculture, Forestry, Environment & Water Management <ul style="list-style-type: none"> • The Data Needs of UNEP's Global Environmental Outlook (<i>R. Robarts, GEMS/Water</i>) • The Indicators for the Second World Water Development Report (<i>T. Jimbow, UNESCO</i>) • Information Needed to Support National Sustainable Water Policies (<i>J-M. Chéné, UN DSD</i>) • A Water Information System for Europe (<i>A.Gendebien, WRc</i>) • Monitoring and Reporting in the EU's Water Initiative (<i>U.Triulzi, IPALMO</i>)
<i>12:30 to 13:45 Lunch</i>	
Session 2a 13:45 – 15:15	Water statistics collected by international organizations Chair: Rainer Muthmann, Eurostat Discussant: Rudy Vannevel, Flemish Environment Agency <ul style="list-style-type: none"> • The UNSD/UNEP & OECD/EUROSTAT Questionnaires (<i>Ulrich Wieland, UNSD</i>) • The UNSD/UNEP Questionnaire and the Link to Water Accounts Tables (<i>A. Alfieri, UNSD</i>) • AQUASTAT: Getting to Grips with Water Information for Agriculture (<i>K. Frenken, FAO</i>) • GEMS/Water Questionnaire (<i>R. Robarts, GEMS/Water</i>) • Status and Needs of Water Statistics in the ESCWA region (<i>W. AboulHosn, ESCWA</i>) • An Integrated Approach for Water Statistics (<i>G. D' Amore, ICstat</i>)
<i>15:15 to 15:30 Coffee break</i>	
Session 2b 15:30 – 17:30	Water accounting: challenges and opportunities <ul style="list-style-type: none"> • Integrated Environmental and Economic Accounts for Water Resources (<i>A. Alfieri, UNSD</i>) • Institutional Arrangements and the Water Data Centre - Case study of the Republic of Moldova (<i>J. Tafi, Moldova</i>) Panel Discussion
17:30 –	<i>Welcome drink/snacks offered by UBA, followed by free Guided walking tour of the City of Vienna</i>

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Session 3: 21 June 2005 – morning

Session 3A 9:00 to 11:00	Information on water resources Chair: Thomas Maurer, Global Runoff Data Centre Discussant: Raymond Mngodo, Tanzania Papers <ul style="list-style-type: none"> • Key Water Resource Statistics in Aquastat <i>(K. Frenken, FAO)</i> • Water Resources Data for the Nile Basin <i>(R.J. Mngodo Ministry of Water and Livestock Development, Tanzania)</i> • Water Resource Management in Yemen <i>(Q.Y. A.M. Al-Asbahi, National Water Resources Authority, Yemen)</i> • Water statistics and accounts in the Republic of Moldova <i>(Jana Tafi, WaterData Center, Moldova)</i> • Water Statistics in the Mekong River Basin <i>(Ulf Hedlund Mekong River Commission)</i> 	Session 3B 9:00 to 11:00	Information on waste water generation and treatment Chair: Prof. Maria Fürhacker, University of Natural Resources & Applied Life Sciences, Vienna, Discussant: Jürgen Förster, Eurostat Papers <ul style="list-style-type: none"> • WW Generation & Treatment: the Questionnaires and accounting tables <i>(M. Nagy, Umweltbundesamt, Austria)</i> • Reliable statistics on Wastewater <i>(B. Fribourg-Blanc, International Water Office, France)</i> • Chile: Essential Topics, Problems and Solutions <i>(D. Rojas, INE, Chile)</i> • Industrial Wastewater Generation and Treatment – Data Collection and Gaps to Questionnaire Requirements <i>(D. Sabic, Statistical Office, Slovenia)</i> • Information on Wastewater generation and treatment in Germany <i>(B. Hein, Statistisches Bundesamt, Germany)</i> • Status of Wastewater Generation and Treatment in India <i>(R.M.Bhardwaj, Central Pollution Control Board, India)</i>
<i>11:00 to 11:30 Coffee Break</i>			
11:30 to 12:30	Discussion on data on water resources	11:30 to 12:30	Discussion on waste water generation and treatment data
12:30 to 14:00 Lunch			

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Session 4: 21 June 2005 - afternoon

Session 4A 14:00 to 16:00	Information on water supply and use Chair: <i>Dr Maamoun Malakani, Syria</i> Discussant: <i>Dr. Wafa AboulHosn, ESCWA</i> Papers <ul style="list-style-type: none"> • General Presentation of the Information Required by the Questionnaires (<i>UNSD</i>) • Collecting, Processing and Presenting Water Statistics in the Republic of Belarus (<i>Z.Vasilevskaya, Ministry of Statistics & Analysis, Belarus</i>) • Water Supply and Water Use Statistics in Jordan (<i>Khamis Raddad, Dept. of Statistics, Jordan</i>) • Experience in Compilation of Water Supply and Use and Water Quality (<i>E.G Mokaila, Statistics South Africa</i>) • Water Statistics in Brazil: an Overview (<i>J. Clevelario Junior, IBGE, Brazil</i>) 	Session 4B 14:00 to 16:00	Information on emissions of pollutants to water Chair: <i>Ulrich Wieland, UNSD</i> Discussant: <i>Bruno Kestemont, Belgium</i> Papers <ul style="list-style-type: none"> • Overview of Emissions to Water – existing data collections (<i>D. Preux, Office International de l'Eau, France</i>) • Estimating Water Emissions Statistics – the Estonian Pilot Project (<i>E Grüner, Statistical Office, Estonia</i>) • NAMWA emissions to water (<i>S. Schenau, CBS, Netherlands</i>)
16:00 to 16:30 <i>Coffee break</i>			
16:30 to 17:30	Panel discussion on data on water supply and use, followed by open discussion	16:30 to 17:30	Discussion on data on emissions of pollutants to ambient waters
20:00	<i>Official dinner sponsored by Statistik Austria, the Umweltbundesamt and the Federal Ministry of Agriculture, Forestry, Environment and Water Management</i>		

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Session 5 and Round Table Discussion: 22 June 2005

Session 5A 9:00 to 11:00	Information on water quality Chair: R. Robarts, GEMS/Water, UNEP Papers <ul style="list-style-type: none"> • Towards Harmonisation of the Water Reporting Process (<i>R. Vannevel, Belgium</i>) • Water quality monitoring in India (<i>R.M.Bhardwaj, Central Pollution Control Board, India</i>) • Water quality indicators in the Plata River Basin (<i>Oscar E. Natale, CTUA-INA, Argentina</i>) • Situation and challenges in South Africa (<i>W. Nomqophu, Dept of Water Affairs & Forestry, South Africa</i>) • Quality of groundwater (<i>A. Scheidleder, Umweltbundesamt, Austria</i>) • Water quality composite index development (<i>R. Kent, Environment Canada</i>) 	Session 5B 9:00 to 11:00	Information needed for water pricing & expenditure on water Chair: Myriam Linster, OECD Papers <ul style="list-style-type: none"> • The Environmental Protection Expenditure Questionnaire (<i>J. Hanauer, Eurostat</i>) • The Austrian experience in collecting data on Expenditure on water (<i>Statistics Austria</i>) • French experience with water prices (calculations and use) in the river basin of Artois-Picardie (<i>A. Courtecuisse, France</i>) Discussion
11:00 to 11:30 <i>Coffee Break</i>			
11:30 to 12: 30	Discussion on information on water quality	11:30 to 12: 30	GIS as a tool for water management: Demonstration by Umweltbundesamt and the Mekong River Commission
12:30 to 14:30 <i>Lunch (longer lunch break to allow session chairs to prepare reports of their sessions for Round Table discussion)</i>			
14:30 to 16:00	Round table: Reports from the sessions, further discussion on international data collection and indicators, conclusions and recommendations for future work.		
16:00	Close of meeting		