



WORLD FEDERATION OF SCIENTISTS

46th SESSION OF THE INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES AND ASSOCIATED MEETINGS **The Role of Science in the Third Millennium**

Pollution Permanent Monitoring Panel Meeting

Erice, 19 August 2013

Joannes Paulus II Lecture Halls – Eugene P. Wigner Institute

AGENDA

09:30 Introductions

Chairman, Lorne Everett, CEO, L. Everett & Associates, Santa Barbara, USA

Pollution Panel Invitees:

Dr. Walter Grayman, W.M. Grayman Consulting Engineers, Cincinnati, USA
Dr. Dan Kroll, Hach Homeland Security Technologies, Loveland, USA
Dr. Kurt D. Pennell, Tufts University, Medford, USA
Dr. Davis Ford, Davis L. Ford & Assoc., Austin, USA
Dr Arturo Keller, University of California, Santa Barbara, USA
Dr. William Colglazier, US Department of State, USA
Dr Susan Jobling, Brunel University, Uxbridge, UK
Dr Terrence Collins, Carnegie Mellon University, Pittsburgh, USA

Pollution PMP Presentations

- 09:40 - 10:00 Multinational Repositories Update**
Charles McCombie
- 10:00 - 10:20 Innovative Technologies for Chlorinated Solvent Remediation**
Kurt D. Pennell
- 10:20-10:40 Overview of Innovative Petroleum Cleanup Technologies**
Davis Ford
- 10:40 - 11:00 Overview of Nanoparticle Cleanup Applications**
Arturo Keller
- 11:00 – 11:30 Coffee Break and Joint Meeting with the Mitigation of
Terrorism PMP at the John Von Neumann Lecture Hall – Patrick
M.S. Blackett Institute**

- 11:30 - 11:50** **Global Water Security**
William Colglazier
- 11:50 - 12:10** **Guidance on Terrorist Threat to Water Systems**
Walter Grayman
- 12:10 – 12:30** **Guidance on Real Time Monitoring of Water Terrorist Threats**
Dan Kroll
- 12:30 - 13:00** **Water and Terrorism Discussion**
- 13:00 - 15:00** **Adjourn for Lunch**
- 15:00 – 15:20** **Endocrine Disrupting Chemical Bioterrorism - Transport Issues**
Fred vom Saal
- 15:20 - 15:40** **Endocrine Disrupting Chemical Impacts on Aquatic Systems**
Susan Jobling
- 16:00 - 16:20** **Remediation Technologies for Aquatic Bioterrorism Using
Endocrine Disrupting Chemicals**
Terrence Collins
- 16:20 - 16:40** **Big Data Analysis for Sound Science and Operational Policy
Decision Making**
Annette Sobel
- 16:40 - 17:00** **Water and Terrorism Discussion**
- 17:00** **Close**