

# Symposium: Singularities in Wastewater Reuse

October 27th, 2011  
Aula Magna  
Faculty of Law, UB

Symposium coordinators:  
**Dr. Miquel Salgot**  
**Dr. Montserrat Folch**  
Dept. of Natural Products,  
Vegetal Biology and Soil Science  
Faculty of Pharmacy, UB

Water Research Institute - University of Barcelona



Organization:  
Water Research Institute, UB  
[www.ub.edu/aigua](http://www.ub.edu/aigua)

The Water Research Institute of the University of Barcelona organizes annually a Symposium on water-related items since the year 2007. In the year 2011 Wastewater Reuse is the subject which will be considered from different points of view considering that the Institute is multidisciplinary since it was founded by the University of Barcelona, gathering researchers from 8 faculties. Several approaches to reuse are to be discussed from the juridical, economical or scientific points of view. Health considerations as well as the opinions of the International Agencies and the Administration will be exposed. Technicians – Microbiology, Wastewater Treatment – and end-users – farmers, gardeners – will also expose their ideas. All together would offer an open panorama on present reuse singularities.

## Programme

09'20 - 09'30 h	<b>Opening</b> Dr. María Jesús Montoro <i>Administrative Law and Procedural Law Department.</i> <i>Faculty of Law, and the Water Research Institute, University of Barcelona.</i>
09'30 - 10'15 h	<b>Economy and reuse: an ignored tool</b> Dr. Amelia Díaz <i>Public, Political and Spanish Economy. Faculty of Economy and Business,</i> <i>and the Water Research Institute, University of Barcelona.</i>
10'15 - 11'00 h	<b>Law and reuse: a limit or a supporting tool</b> Dr. Isabel Caro-Patón <i>Public Law Department. Faculty of Law, University of Valladolid.</i>
11'00 - 11'45 h	<b>Coffee Break and Poster Session</b> Faculty of Law: Main Hall
11'45 - 12'30 h	<b>Water reuse financing</b> Dr. Susana Sartorio <i>Financial and Tax Law Department. Faculty of Law, and the Water Research Institute,</i> <i>University of Barcelona.</i>
12'30 - 13'15 h	<b>Health references in reuse: hazards and risks</b> Dr. Miquel Salgot <i>Natural Products, Vegetal Biology and Soil Science Department,</i> <i>Faculty of Pharmacy and the Water Research Institute, University of Barcelona.</i>
13'15 - 14'00 h	<b>The FAO vision: reuse in developing countries</b> Mr. Javier Mateo-Sagasta <i>Associate Professional Officer (Water Quality and Environmental Aspects of Irrigation).</i> <i>FAO, ONU. Italy.</i>
14'00 - 16'00 h	<b>Pause</b>
16'00 - 16'45 h	<b>Reuse in the world. Paradigms and uncertainties</b> Dr. Gideon Oron <i>Environmental Hydrology and Microbiology Department.</i> <i>Zuckerberg Institute for Water Research,</i> <i>Ben Gurion University of the Negev. Israel.</i>
16'45 - 17'30 h	<b>Reclaimed water reuse in the Balearic Islands</b> Mr. Alfredo Barón <i>Studies and Planning Service. General Direction for Water Resources.</i> <i>Balearic Islands Government.</i>
17'30 h	<b>Final conclusions and closure</b>

## Free registration and attendance

An attendance certificate will be provided if the attendant is registered in the webpage: [www.ub.edu/aigua](http://www.ub.edu/aigua)

## Poster Session

### 1. Wastewater disposal control: a tool for improving reclaimed water

Mr. Rafael Mantecón

*Environment Agency. The Greater Barcelona.*

### 2. GABARDINE project: groundwater recharge

Dr. Xavier Sánchez-Vila

*Geotechnical Engineering and Geo-Sciences Department. School for Civil Engineering.*  
*Polytechnic University of Catalonia.*

### 3. RECLAIM WATER project: groundwater recharge

Mrs. Rita Hochstrat

*Institute for Ecopreneurship. School of Life Sciences.*  
*Northwestern University of Applied Sciences. Switzerland.*

### 4. MEDIWAT Project: water resources management in Mediterranean Islands

Dr. Giuseppe Cirelli

*Agrofood and Environment Systems Management Department. Faculty of Agriculture.*  
*University of Catania. Italy.*

### 5. Water reuse in gardens

Mrs. Anna Vilarnau

*Verdophilus.*

### 6. Microbiology and Reuse

Dr. Francisco Lucena

*Microbiology Department. Faculty of Biology, and the Water Research Institute.*  
*University of Barcelona.*

### 7. The role of the Department in the reuse permissions

Mrs. Irene Corbella

*Agency for Health Protection. Health Department.*  
*Generalitat de Catalunya.*

### 8. The “Unió de Pagesos” and the reuse

Mr. Miquel Jose

*Unió de Pagesos de Catalunya (Catalonian Farmers Association).*

### 9. Reclamation treatments using MBR in Spain

Mrs. Raquel Iglesias

*CEDEX, Ministry of the Environment and Rural and Marine Environments, Ministry of Public Works.*  
*Spanish Government.*

### 10. La Ramada irrigation district. Bogotá, Colombia: reuse project

Dr. Claudia Campos

*Microbiology Department. Faculty of Sciences.*  
*Pontifical Xavierian University. Bogotá. Colombia.*

### 11. Reclamation technologies

Dr. Montserrat Folch

*Natural Products, Vegetal Biology and Soil Science Department,*  
*Faculty of Pharmacy and the Water Research Institute.*  
*University of Barcelona.*

### 12. Reverse Osmosis, boron and reuse

Mr. Jihad Sasa

*National University. Costa Rica.*