



12<sup>th</sup> International Symposium on  
Environmental Pollution and its Impact  
on Life in the Mediterranean Region

2003  
Appropriate Solutions  
for Environmental Problems  
in Emerging Economies

Second Announcement  
and Call for Papers

October 4 - 8  
ANTALYA, TURKEY

## THE SYMPOSIUM

12<sup>th</sup> International Symposium on Environmental Pollution and its Impact on Life  
in the Mediterranean Region  
Appropriate Solutions for Environmental Problems in Emerging Economies  
Antalya, Turkey, October 4th to 8th, 2003

jointly organized by

**Mediterranean Scientific Association of Environmental Protection (MESAEP)**  
and  
**Society of Ecotoxicology and Environmental Safety (SECOTOX)**

### **in collaboration with**

- Akdeniz University, Dept. of Environmental Engineering
- TÜBİTAK - Turkish Scientific and Technical Research Council, Ankara, Turkey
- Antalya Metropolitan Municipality
- Ministry of Environment, Turkey
- European Commission, JRC Ispra, Institute for Health and Consumer Protection and Institute for Environment and Sustainability, Italy
- GSF - National Research Center for Environment and Health, Institute of Ecological Chemistry, Germany
- Technical University of Munich, Chair of Chemical Technical Analysis and Food Technology, Germany
- Technical University of Munich, Chair of Ecological Chemistry and Environmental Analysis, Germany
- Technical University of Braunschweig, Institute of Ecological Chemistry and Waste Analysis, Germany
- RECETOX-TOCOEN & Associates, Brno, Czech Rep.
- Turkish Environmental Initiative in Germany, Braunschweig, Germany

### **sponsored by**

Municipality of Antalya - PSP, Parlar Scientific Publication  
ESPR, Environ Sci & Pollut Res (ecomod publishers)

Previous Symposia were held in Athens, Greece (1981), Crete, Greece (1983), Istanbul, Turkey (1985), Kavala, Greece (1987), Blanes, Spain (1989), Como, Italy (1991), Antibes, France (1993), Rhodes, Greece (1995), Sorrento, Italy (1997), Alicante, Spain (1999) and Limassol, Cyprus (2001).

The Executive Committees of MESAEP and SECOTOX, the Steering Committee and the Local Organizing Committee have the pleasure to invite you to attend the 12<sup>th</sup> International Symposium that will be held in Antalya, Turkey from October 4 to 8, 2003.

## SCOPE & OBJECTIVES

This 2<sup>nd</sup> Symposium of the new Millennium aims at addressing new challenges in promoting the integration across different environmentally related disciplines and developing scientific knowledge and scientifically sound decision-making tools. The ultimate goal of the Symposium is to contribute in an active way towards a Sustainable Development of the Mediterranean Region.

The special objectives of the Symposium are:

- to exchange recent findings related to the pollution processes in the Mediterranean Region and adjoining countries
- to discuss the state of the art in environmental monitoring and research as well as in current technologies and legal measures to prevent or to reduce the degradation of environmental compartments
- to present proposals and recommendations to the regulatory authorities on environmental quality and safety in the Mediterranean and the neighbouring countries
- to discuss ways to bridge the gap between research and decision making and to provide data which can be transformed into more specific information.

## STEERING COMMITTEE

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## NATIONAL and LOCAL ORGANIZING COMMITTEE

B. Topkaya (Akdeniz Uni, Antalya), A. Atimtay (METU, Ankara), A.S. Demir (METU, Ankara), I. Kiziroglu (Hacettepe Uni, Ankara), N. Alpaslan (9. September Uni, Izmir), A. Balci (Uni Mugla), H. Barlas (Uni Istanbul), A. Erdogan (Akdeniz Uni, Antalya), K. Gür (Selçuk Uni, Konya), M.E. Aydin (Selçuk Uni, Konya), G.T. Ycemer (Akdeniz University), Y.Kacar (Akdeniz University)

## SCIENTIFIC BOARD

D. Barcelo (CSIC, Barcelona), B. Baraj (Env. Min, Tirana), A. Carlier (Univ. Paris7), A. Çullaj (Univ. Tirana), M. Dichtl (TU Braunschweig), U. Dörfler (GSF, Munich), Th. Eikmann (Univ. Giessen), E. Feicht (GSF, Munich), P. Foster (Univ. Grenoble), I. Gebefügi (GSF, Munich), F. Gemirli-Bambuna (TU Istanbul), C.F. Gökçay (METU, Ankara), S. Haslam (Univ. Cambridge), M.C. Hermosín (CSIC, Sevilla), J. Holoubek (Univ. Brno), H. Hornung (NIO, Haifa), M. Karayannis (Univ. Ioannina), W. Karcher (Arolo, Italy), S. Kephelopoulos (CEC-JRC, Ispra), W. Klein (FhG, Schmallingenberg), G. Kocasoý (Bogazici Univ. Ýstanbul), F. Korte (TU Munich), T. Kouimtzi (Univ. Thessaloniki), M. Lahaniati (RCD, Athens), E. Lahaniatis (TU Munich), B. Larsen (CEC-JRC, Ispra), G. Leupold (TU Munich), C. Michael (SGL, Nicosia), H. Mountacer (Univ. Settati), P. Moza (GSF, Munich), H. Muhammetoglu (Akdeniz Univ. Antalya), J. Navarro (M.H. Univ. Alicante), D. Orhon (TU Istanbul), K. Oxynos (GSF, Munich), E. Papachristou (Univ. Thessaloniki), D. Papameletiou (CEC-JRC, Ispra), A. Piccolo (Univ. Naples), G. Pfister (GSF, Munich), B. Rubin (Univ. Jerusalem), D. Sarigiannis (CEC-JRC, Ispra), N. Sotiriou (GSF, Munich), M. Spiteller (Univ. Dortmund), J. Triandafyllis (TEI, Thessaloniki), R. Tsiouridou (Univ. Thessaloniki), G. Vasilikiotis (Univ. Thessaloniki), R. Viswanathan (TU Munich), F. Vosniakos (TEI Thessaloniki), F. Voutsinou-Taliadouri (NCMR, Athens), P. Wallnöfer (LfE, Munich), S. Wolff (TU Munich), A. Yediler (GSF, Munich), K. Ziegler-Skylakakis (CEC, Luxembourg)

## SCIENTIFIC PROGRAM

The program of the Symposium will include plenary and keynote lectures as well as posters. Lectures and poster contributions will be regarded as scientifically equivalent within the program. The decision on the type of presentation (lecture or poster) will be taken by the Steering and the Organizing Committees. Special focus will be devoted to the brief presentation of selected posters of original papers in full audience sessions.

The conference language is only English. No simultaneous translation will be provided.

## MAIN SUBJECTS OF THE SYMPOSIUM

### 1. Environmental Chemistry

- \* Atmospheric chemistry and climate change
- \* Soil and water quality
- \* New chemicals - challenges and solutions
- \* Chromatographic and spectroscopic methods for environmental control
- \* Residues in the environment

### 2. Ecotoxicology and Environmental Safety

- \* Biological methods for environmental control
- \* Pathways and effects of chemicals in terrestrial, aquatic, and marine ecosystems
- \* Effects of chemicals on biota

### 3. Toxicology and Human Health Exposure via the Environment

- \* Effects of chemicals on human health
- \* Human toxicology
- \* Epidemiological studies

### 4. Environmental Management

- \* Environmental law
- \* Environmental education
- \* Environmental policy - regulations, harmonization and implementation

### 5. Consumer Protection

- \* Food quality and safety
- \* Novel food
- \* Export/ Import relationships
- \* Quality label for food and feed

### 6. Environmental Technology and Waste Management

- \* Water treatment
- \* Waste incineration, composting and landfilling
- \* Recycling

Each topic will be introduced by a keynote lecture (30 min.) followed by selected oral presentations (20 min. each, including the time for discussion). All presentation techniques will be available (slide, overhead and multimedia projection).

Special focus will be devoted to the presentation of posters of original papers which will be displayed in a separate room. The sizes of the display boards will be 0,9 m width by 1,15 m height.

## ABSTRACTS

For both lecture and poster contributions, a one-page abstract should be submitted to MESAEP before [June 1st, 2003](#). Abstracts may only be submitted by e-mail, as an attached file, to the following address: [symp2003@mesaep.org](mailto:symp2003@mesaep.org).

Abstract File Format: Abstracts must be saved as a Microsoft Word 98/2000 document or earlier version.

If abstract is accepted for oral presentations, the communicating author, who will also be the presenting speaker, will accordingly notified by [July 10th, 2003](#). Abstract not selected for oral presentation will be considered for poster display and notified by [July 10th, 2003](#). No poster or lecture will be accepted if at least one of the authors is not present at the symposium for personal communication.

Abstract should be arranged as shown below:

### TITLE OF ABSTRACT

W. Bergheim\* and M. Lahaniatis\*\*

\*GSF - National Research Center for Environment and Health,  
Institute of Ecological Chemistry, P.O.Box 1129, 85758 Neuherberg, Germany

\*\* Technical University of Munich, Dept. of Ecological Chemistry and  
Environmental Analysis, 85350 Freising - Weihenstephan, Germany

Use Times New Roman 12 font, type single spaced, keep all margins 2,5 cm. Title should be typed in capitals and bold. Author(s) initials and last name (no title nor degree). Underline name of presenter if more than one author. Full address of institution. Centre title, author's name and address. Single space between title and author(s) name, single space between name and institution and double space between address and abstract text. Abstract text should be justified (flush left and right), all paragraphs separated by one Hard Return. Please, make effort to use all the space of the sheet (15 cm x 24,5 cm).

The book of abstracts will be distributed to all participants upon registration at the Symposium. For more information and for a sample abstract please see: <http://www.mesaep.org/symp03>

## POSTER AWARDS

Best five poster presentations in three groups of main subjects will be awarded by a one-year subscription each of the following scientific journals, which are donated by “Ecomed Publishers” and “Parlar Scientific Publications PSP”:

- 5x Environmental Sciences and Pollution Research International (ESPR)
- 5x Fresenius Environmental Bulletin (FEB)
- 5x Advances in Food Sciences (AFS)

## PUBLICATION OF PAPERS & OFFPRINT FEES

All papers presented at the symposium will be eligible for publication in the peer reviewed international journal FRESINIUS ENVIRONMENTAL BULLETIN (FEB), the official journal of MESAEP and SECOTOX. For the preparation of the manuscripts please refer to [www.psp-parlar.de](http://www.psp-parlar.de).

A minimum number of 25 offprints must be ordered and prepaid by the authors. These cost for 1 - 4 printed pages 150.- Euro and for 5 - 8 printed pages 250.- Euro. For more than 8 printed pages: 1.- Euro per page x Number of offprints.  
Additional fees for postage and handling are 10.- Euro for Germany, 15.- Euro for Europe and 20.- Euro worldwide plus 7% VAT.

Members of MESAEP, SECOTOX, and authors from developing countries and students get 50% off (except of the postage and handling fees).  
Subscribers of FEB receive 25 offprints free of charge.

# Final Registration

## Registration Fee

## REGISTRATION FEES

Participants are strongly encouraged to pay before **August, 31<sup>st</sup>, 2003** in order to facilitate the organization process and avoid payment of late registration fee.

- \* Non-members: Euro 290.-
- \* MESAEP and SECOTOX members: Euro 190.-
- \* Students: Euro 90.-
- \* Accompanying persons: Euro 90.-
- \* Additional Euro 50.- will be charged to registrations paid on site.

Payment after **August 31<sup>st</sup>, 2003**, must be made only cash in the registration desk of the symposium in Antalya, Turkey.

The registration fee includes the final programme, the book of abstracts, hospitality desk, coffee breaks during the symposium, welcome cocktail, gala dinner and excursion. Accompanying guests will be entitled to all the above reception and activities.

## DEADLINE SCHEDULE 2003

- \* June 1<sup>st</sup> Deadline for submission of abstracts
- \* July 1<sup>st</sup> Notice to authors
- \* August 31<sup>st</sup> Payment of early registration fees
- \* September 1<sup>st</sup> Mailing of 3<sup>rd</sup> Circular and symposium programme
- \* October. 4<sup>th</sup> - 8<sup>th</sup> Symposium, on site registration

## SYMPOSIUM LOCATION

The 12<sup>th</sup> International Symposium will be held in Antalya, which is located at the Mediterranean coast of Turkey. Since its founding in the second century B.C. Antalya has been continuously inhabited and now the population is approx. 600,000. Because of the archaeological and natural riches of the area, it is also known as the Turkish Riviera and visited by five million foreign tourists every year. The city of Antalya stretches along the bay bearing its name, and it is built at 39 meters altitude.

The 630 km shoreline of the province is liberally scattered with ancient cities, harbours, memorial tombs and beaches, secluded coves and lush forests, many of which are easily accessible from the city. In Antalya the four seasons only appear on the calendar, as there is no real winter here. The sea temperature is 24.5 °C in October. The award-winning Antalya Kaleiçi Marina and Leisure Center is considered one of the loveliest marinas in Turkey. The Archaeological Museum, one of Turkey's largest museums, with 14 exhibition halls and an open air gallery with remains from the Paleolithic Age to Ottoman times, offers a glimpse of the area's rich history. It covers an area of 7000 m<sup>2</sup> and has 5000 works of art are exhibited. The international airport of Antalya, the second largest of the country, is flown directly from the major cities in Europe. It takes 20 minutes by car to reach the city center.

The Symposium will take place in the conference facilities of the Hotel Dedeman Resort in Antalya, Turkey.

## SPECIAL EVENTS

- Welcome Cocktail
- Gala Dinner
- Excursion

## VISA

Visa is required from some countries. Please check with the Turkish Consulates or the official representatives of the Government of Turkey in your country. No visa is required for citizens from the European Union and most European Countries.

## ACCOMMODATION

### Hotel Dedeman \*\*\*\*\* (Conference Venue)

This five star hotel is located directly at the sea side, has own beach and an aquapark. It is only 20 minutes by car from the airport. Special prices are offered (for limited number of rooms) to the early booking participants. Aquapark, Fitness center, Tennis courts free of charge. Consists of two parts: Resort Dedeman (sea side) and Dedeman Park (Land side)

#### Resort Dedeman

BB. Single 48.- \$; Double 32.- \$; Extra bed 22.- \$.  
HB. Single 55.- \$; Double 37.- \$; Extra bed 26.- \$.

#### Dedeman Park

BB. Single 40.- \$; Double 27.- \$; Extra bed 19.- \$.  
HB. Single 55.- \$; Double 37.- \$.; Extra bed 26.- \$.

Tel. +90-242-316 16 00 / +90-242-316 20 20

Fax: +90 242-316 20 40

e-mail: hotels@dedeman.com.tr

Web Site: www.dedemanhotels.com

### Antalya Hotel \*\*\*\*

200 m away from the conference venue. Located at the sea side. Own beach and swimming pool.

BB: Single 32.- \$; Double 20.- \$.  
HB: Single 40.- \$; Double 25.- \$

Tel. +90-242-323 33 80

Fax: +90 242- 32304 97

e-mail: information@antalyaoteli.com.tr

Web Site: www.antalyaoteli.com.tr

### Atan Park Hotel \*\*\*

Located 100 m away from the conference venue. With sea view.

BB: Single 23.50.- \$; Double 15.- \$.  
HB: Single 26.- \$/person; Double 17.- \$

Tel: +90-242-321 78 55

Fax: +90-242-321 78 58

These special rates above are per person and include breakfast and taxes.

Reservations should be made directly with the Hotel by yourself the earliest possible. Please be aware that October is still high season and if you want to extend your stay in Antalya you must make reservations.

Preliminary reservation of limited number of rooms in each hotel was made by the Local Organizing Committee. You should mentioned that you are participating at the MESAEP Symposium. A copy of the final reservation should be sent to the Local Organizing Committee. You can also contact your local travel agency for other arrangements.

## SYMPOSIUM SCHEDULE

The participants will be expected to reach the hotels and complete registration procedures on Saturday October 4<sup>th</sup>, 2003, 10 - 12 h and 15 - 17 h at the Conference Hotel Dedeman.

The symposium will begin on Saturday October 4<sup>th</sup> at 17 h with the opening ceremony, the first keynote lecture, and the welcome party.

The scientific sessions will start on Sunday, October 5<sup>th</sup>, in the morning and will end on Wednesday, October 8<sup>th</sup>, at afternoon.

Morning sessions are 9 - 13 h and afternoon session are 15 - 19 h.

Coffee breaks are scheduled at 11 h in the morning and at 17 h in the afternoon, and lunch breaks will be at 13 - 15 h.

## PAYMENT INSTRUCTIONS

Payment instructions are reported in the REGISTRATION FORM. Payment of registration fees should be made in EURO.

by Credit Card (VISA or EUROCARD/MASTERCARD) or

by Bank Transfer made payable to the order of:  
MESAEP e.V., account no. 6117220, Deutsche Bank AG  
Leopoldstr. 71, 80802 Munich, Germany, Bank code 700 700 24.  
Please indicate your name and send a copy of the transaction to MESAEP.

Personal cheques or credit cards other than those indicated above will not be accepted. Receipts of the payment will be issued by the MESAEP Secretariat in the registration desk in Antalya, Turkey.

All cancellations and requests for refunds must be in writing to the Secretariat. The following refund policy will apply: You can cancel and get refund of full payment **before July 10<sup>th</sup>, 2003**. Refunds will be granted **until August 31<sup>st</sup>, 2003**, less 40 % processing fee. No refunds will be granted **after August 31<sup>st</sup>, 2003**.

Information about the Card Verification Code

A so-called 'card-verification code' has been added to the rear of the card to help improve security when the credit card is not physically presented to the merchant. The value can be found in the signature field, following the printed replica of the credit card number embossed on the front of the plastic.

The Code can be found as indicated in the figure:



As a result of the above-mentioned demands, you have to forward the card-verification value to MESAEP together with your credit card data in any case.

## INFORMATION

### **Mailing Address for the Registration:**

Werner Bergheim  
GSF IÖC,  
P.O. Box 1129 85758 Neuherberg, GERMANY  
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### **Local Information:**

Prof. Dr. Bülent Topkaya,  
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### **Scientific Information:**

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