

This article was downloaded by:

On: 18 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



International Journal of Environmental Analytical Chemistry

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713640455>

Preface

D. Barceló; J. Hajslova; M. Nielsen

To cite this Article Barceló, D. , Hajslova, J. and Nielsen, M.(1995) 'Preface', International Journal of Environmental Analytical Chemistry, 58: 1, v

To link to this Article: DOI: 10.1080/03067319508033106

URL: <http://dx.doi.org/10.1080/03067319508033106>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

PREFACE

The 4th Workshop on Chemistry and Fate of Modern Pesticides was held at the Palace of Culture, Prague, Czech Republic, from September 8th to 10th, 1993. This Workshop initiated in 1987 by the International Association of Environmental Analytical Chemistry (IAEAC) was organized jointly by the Department of Food Chemistry and Analysis from the Institute of Chemical Technology in Prague and the IAEAC.

The Workshop was attended by more than 200 participants from 21 different countries and the scientific program included 33 lecturers and 115 poster presentations. Currently this series of Workshops has become the platform of choice for many scientists in this field to present their work and to discuss recent advances in an informal atmosphere. The first day of the scientific program covered analytical methodologies in pesticide residue analysis and also some general aspects in the fields of toxicology and risk assessment. On the second day, fate studies were presented including biological, chemical and photochemical degradation patterns, partitioning and transport in environmental compartments (including volatilization). The third day offered contributions about automated analytical procedures and immunoassays.

These proceedings, published as a special issue of the *International Journal of Environmental Analytical Chemistry*, include 37 papers accepted after following the usual reviewing procedure. The first part with 14 articles updates the reader with sample preparation and analysis of pesticides in the aquatic environment. The use of advanced techniques such as micellar extraction, liquid chromatography-mass spectrometry and capillary zone electrophoresis is described. The second part includes 19 articles and covers the transport and fate of pesticides and other pollutants mainly through the soil and the possibility of leaching to ground water. Laboratory studies describing the influence of various parameters such as the unsaturated zone, the humic substances, the role of suspended particles and the adsorption of chemicals into the soil are covered. The last section of the proceedings contains case studies on the environmental occurrence and exposure of pesticides.

Clearly this selection of papers does not represent a comprehensive review of the topic of the Workshop but an illustration of recent developments in this field.

Finally, we would like to mention specific points of the Workshop held in Prague such as the excellent welcome reception in the Historical Agnes Cloister and also to thank Vladimir Kocourek as local co-organizer, the assistants of the University and the members of the Coordination Committee with especial emphasis on J. Albaigés, P. van Zoonen and M. C. Hennion for their useful comments and their assistance to the Editors.

It is our pleasure to announce the 5th Workshop on Chemistry and Fate of Modern Pesticides, which will be held in Paris, France, from September 6th to 8th 1995.

We are looking forward to meet you there.

D. Barceló, J. Hajšlova and M. Nielsen