



## Introduction

### Dr. Heidi Foth

**Professor and Director of the Institute for Environmental Toxicology, Martin Luther University, Germany**



**D**r. **Heidi Foth** is a well-known environmental toxicologist (Fachtoxikologe DGPT) and European registered Toxicologist. Dr. Foth is also a valuable member of German Advisory Council on the Environment (2004-2008; 2008-2012) and Advisory Committee on Chemicals (BUA, GDCh). She is/was President (2004-2006; 2006-2009) of German Society of Toxicology, President (2005; 2007)/Vice President (2004-2006; 2006-2009) of German Society for Experimental and Clinical Pharmacology and Toxicology, and Member of the Executive Committee of the European Societies of Toxicology (EUROTOX). Dr. Foth's professional experience concerns environmental toxicology, environmental health, chemical safety and regulation. Her research topics include metabolism of tobacco smoke constituents in isolated perfused rat lung and liver, pulmonary elimination of xenobiotics, kinetics of cytostatics, kinetics of cytochrome P-450 substrates in vivo, stability of cytochrome P450 and antioxidative enzymes in primary lung cell cultures, expression and regulation of multi drug resistance proteins (mdr, mrp, lrp) in lung, cell culture of normal human lung, metal stress in lung cells, and REACH.



## Introduction

### Dr. Makram T. Suidan

**Herman Schneider Professor of Environmental Engineering**



**D**r. **Suidan** is a distinguished professor in Environmental Engineering at University of Cincinnati, Ohio, USA. He is an internationally recognized scholar in environmental engineering and an expert in wastewater treatment, hazardous waste management, environmental system simulation, and emerging pollutants in environmental protection. Dr. Suidan received his PhD in Environmental Engineering from University of Illinois at Urbana-Champaign (UIUC) IN 1975. He has made extraordinary contributions to the environmental protection in his career: taught Environmental Engineering at George Institute of Technology, UIUC, and University of Cincinnati; published over 230 refereed journal articles and 13 books/book chapters, plus numerous conference presentations; served as Associate Editor and Editor of Journal of Environmental Engineering. Dr. Suidan has been invited to present his work in numerous institutions and governmental agencies in Asia, Americas, Africa, and Europe. He has received a long list of rewards including the Ph.D. Thesis Supervisor Award in 1993 and Distinguished Lecturer in 1996 by the Association of Environmental Engineering and Science Professors, Distinguished Engineer of the Year by Engineers and Scientists of Greater Cincinnati in 1998, Distinguished Alumnus by University of Illinois in 2000, Academic Achievement Award by American Water Works Association in 2002, and Publication Committee Award by the American Society of Civil Engineers in 2003, and Outstanding Doctoral Mentoring Award in 2004 and Distinguished Research Professor Award in 2006 by University of Cincinnati.

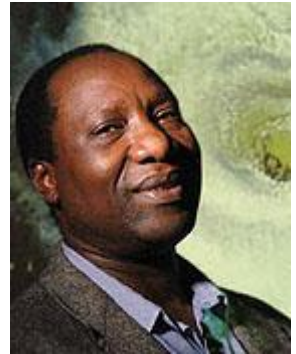


## Introduction

### Dr. Fredrick Semazzi

North Carolina State University

**D**r. **Semazzi** is a full professor in the Department of Marine, Earth and Atmospheric Sciences of North Carolina State University and an accomplished scholar in climate change analysis and modeling. He received his Ph.D. in atmospheric sciences from University of Nairobi, Nairobi, Kenya in 1983, and became a National Academy of Science Postdoctoral Fellow at NASA Goddard Space Flight Center, in Greenbelt, Maryland, United States from 1983-1985. During his more than 25 years of professional career, he served as Associated Program Director for the Climate Dynamics Program of the National Science Foundation from 1989-1990, Director of United Nations/World Meteorological Organization's Climate Information and Prediction Services Program from 1997-1998, Senior Scientist of the United Nations World Climate Research Program (WCRP)/International Climate Variability (CLIVAR) Project Office from 1999-2000, and WCRP Science Steering Panel since 2009. He is a lead author of the Inter-Government Panel on Climate Change (IPCC) assessment report which shared the Nobel Peace Prize with Al Gore in 2007.





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### Peter Penning

**Peter Penning is the President and CEO of Inogen Environmental Alliance, Inc. and a non-executive director for BECO ISB Pty Ltd in South Africa.**



**P**eter Penning has more than 20 years international experience in sustainable development, health safety and environmental management. He is a chemical engineer by training, with extensive working experience in the application of cleaner production in industry, operational EHS compliance and due diligence auditing, the training of companies, local authorities and intermediaries, and environmental and corporate social responsibility reporting. He has provided cleaner production consulting to DuPont de Nemours' chemical plants in Holland, energy efficiency consulting to plants of the Unilever group and he has been helping The Coca-Cola Company since 2004 on several Corporate Social Responsibility initiatives.

Over the past two decades Peter Penning has provided advisory services to numerous multinational clients in Europe, Africa and Asia. His customers included Coca-Cola, BMW, Alcatel, and Corus among others. Peter has a large social network which enables him to function as a matchmaker or go between different parties. Moreover, his ability to quickly analyze business issues, synthesize a vision and strategy and decide on the appropriate actions and timing make him the perfect sounding board for any improvement programs, big or small. Peter combines these skills with a pleasant and open personality that makes it easy for him to operate in different cultural settings.



## Introduction

### Dr. Shu Tao

**D**r. **Shu Tao** is Cheung Kong Professor and vice dean of the Collage of Environmental Sciences of Peking University. He is also the director of The Laboratory for Earth Surface Processes (LESP), a key laboratory under Chinese Ministry of Education. He chairs the subcommittee of Environmental & Chemical Geography, Chinese Geography Association. He also serves as the president of SETAC Asia/Pacific and is on the editorial boards of several international journals. Currently, his research is focused on bioavailability of polycyclic aromatic hydrocarbons (PAHs) and organochlorine pesticides, fate and exposure of persistent organic pollutants. At present, he serves as principle investigator for a number of projects including Fate and behavior of PAHs in northern China and Emission and outflow of PAHs from East Asia (both are key projects of National Scientific Foundation of China). Dr. Shu Tao has 180 papers published in peer-reviewed international journals. The publications cover a number of fields including bioavailability of trace elements and persistent organic pollutants, aquatic humic substances, fate and multimedia fate modeling of polycyclic aromatic hydrocarbons and organochlorine pesticides.





## Introduction

### Dr. Knut Stamnes

**K**nut Stamnes is a Professor in the Department of Physics and Engineering Physics, and Director of the Department of Physics and Engineering Physics as well as the Light and Life Laboratory at Stevens Institute of Technology in Hoboken New Jersey. Stamnes began his career in upper atmospheric physics, and has since specialized in atmospheric radiation, remote sensing, and climate-related studies. He has published more than 170 research papers, and is the co-author of *Radiative Transfer in the Atmosphere and Ocean* (Cambridge University Press, 1999). Stamnes earned his B. Sc., and M. Sc. in physics from the University of Oslo, Norway, and his Ph. D. in Astro-Geophysics from the University of Colorado, USA.

