

# **UNU International Symposium on Persistent Organic Pollutants (POPs) In Asia**

Organized by  
Environmental Management Center, Indonesia  
and  
United Nations University, Tokyo, Japan

Supported by  
Shmadzu Corporation, Japan

# UNU Project

## Environmental Monitoring and Governance in East Asia

- Started in 1996 by the support of Shimadzu Corporation aiming capacity building for environmental analysis in Asian Region
- The first 3-years project (1996-1998)
- The Second 3-years project (1999-2001)
- The third 3-years project (2002-2004)
- The fourth 3-years project (2005-2007)

# UNU Project

- Phase 1 Environmental Governance and Analytical Techniques: Food pollution and Industrial Wastes; Water Pollution and Water Quality Monitoring; Air Pollution and Air Monitoring
- Phase 2 Environmental Monitoring and Governance: EDC Pollution in the East Asian Countries
- Phase 3 Environmental Monitoring and Governance in the East Asian Hydrosphere: Monitoring of POPs
- Phase 4 Monitoring of POPs in the Asian Coastal Hydrosphere

# The Fourth 3-years Project

- By the new participation of India and Pakistan, 10 countries work together for the environmental monitoring and governance in the region.
- Its covering area expanded to south Asia with the over-all population being more than 3 billion (half of the world population). The area is most rapidly growing in economy and industry and as the result the environment has been worsened.
- We will contribute to the protection of the environment, human health and wildlife through the understanding of pollution and solution.

# International Symposiums

- 1996 UNU Tokyo, Japan
- 1997 Singapore
- 1998 Kyoto ICH, Japan
- 1999 UNU Tokyo, Japan
- 2000 The University of Malaya, Malaysia
- 2001 Seoul University, Korea
- 2002 Hanoi, Vietnam
- 2003 UNU Tokyo, Japan
- 2004 Beijing, China
- 2005 Bangkok, Thailand
- 2006 The Philippine University, Philippine
- 2007 Jakarta, Indonesia

# Environmental Management Center Ministry of Environment

- Center of Excellence in Environmental Analytical Chemistry
- National Institute to cope with a growing environmental issues, and growing demand of chemical analysis in Indonesia.

# Further Development

- UNU Project “ Environmental Monitoring and Governance in Asia” has been successfully performed with capacity building in national key laboratories.
- Acceleration of the further development in the technologies of monitoring and management is necessary if we consider the seriousness of forthcoming environmental deterioration in this century.
- Expansion of the program are also to be considered by widening the window by including research-oriented work, and by introducing new analytical tools into labs to meet with growing demand in environmental and food analysis.