Environmental Toxicology

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PREFACE

Increasing use of chemicals is inevitable in the process of national development as well as in the promotion of better standards of living and human well-being. A thorough knowledge of toxicology and appropriate technology together with proper management is vital for the prevention of chemical hazards and safeguarding human health and the environment from the adverse effects of chemicals. Successful programs for chemical safety require suitably trained human resources in government, industry and academe, and an informed awareness in the general public.

At present, the need for qualified personnel trained in toxicology and environmental management is urgent. Chulabhorn Research Institute has therefore initiated a capacity building program to assist developing countries to develop human resources in these specific areas.

The program addresses the training needs of both health scientists and engineers by integrating the principle of toxicology and engineering practices to foster a multidisciplinary approach for the safe use of chemicals in development. Technical modules, published in 3 volumes, have been specially designed to facilitate capacity building and upgrading of professional and technological expertise of participants in the program. The materials are in the form of a concise compendium of essential information in all areas covered by the program. Emphasis is placed on the principles and scientific bases needed for safety evaluation and assessment, and planning, as well as for policy formulation. The use of databases such as the International Register of Potentially Toxic Chemicals (IRPTC) database will also be introduced. The faculty for this course is composed of a group of international experts in toxicology and environmental engineering and management.

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