



Area Development Planning and Implementation

Discussion Paper Series

**CURRENT EXPERIENCES AND PRACTICES
IN PESTICIDE USE IN THE BAGMATI ZONE**

Keshava Chandra Sharma

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Dr Keshava Chandra Sharma is a biologist and has been working as a pesticide specialist, entomologist, and plant protectionist for the last thirty years. He is now retired from HMG/N but is still active as an academician of the Royal Nepal Academy of Science and Technology (RONAST).

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PREFACE

The paper was prepared as a background analysis for a better understanding of the environmental problems being encountered in the Bagmati Zone. Dr. Keshava Chandra Sharma has attempted to bring together experiences regarding pesticide use in the Bagmati Zone. The study indicates that pesticide use is a potentially dangerous activity that is not carefully regulated and monitored at present. Commercial interests have almost completely disregarded its safety aspects and judicious use and could result in serious problems in the future for natural resources, the farmer, and even the wider society.

Dr. Sharma has outlined a whole host of measures that are needed to promote the development of integrated pest management. Unless more serious efforts are made immediately, the prices to be paid in terms of health hazards and destruction of natural resources could be great in the future. It is hoped that this document will not only help promote better research, monitoring, and reporting on the subject, but will also lead to some concrete action in the future.

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