

Third Edition

Understanding Environmental Pollution

Marquita K. Hill



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Third Edition

Understanding Environmental Pollution delivers a concise overview of global and individual environmental pollution for undergraduate courses, presenting the tools for students to assess environmental issues. This edition contains more than 30% new material, assessing pollution from an international perspective, including air and water pollution, global warming, energy, solid and hazardous waste, and pollution at home. Both the sources and impacts of pollution are addressed, as well as governmental, corporate, and personal responsibility for pollution. Pollution prevention is emphasized throughout.

- Non-technical language encourages greater understanding of sometimes complex issues.
- “Delving deeper” exercises enable students to apply their learning.
- New chapter on the chemistry basics of pollution.
- Introduces toxicology and risk assessment, assisting students in understanding why chemicals are of concern and how they are regulated.

Marquita Hill is currently Adjunct Professor of Urban Affairs and Planning at Virginia Polytechnic Institute and State University. Formerly of the University of Maine, she developed a number of environmental courses during her time there, including “Issues in Environmental Pollution,” an interdisciplinary introductory course. For seven years she was a visiting scholar in Environmental Health at the Harvard School of Public Health, and was a founding member and first president of the Green Campus Consortium of Maine, an organization devoted to finding sustainable means of management for the state’s higher-education institutions.

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and formerly of the University of Maine



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This book is dedicated to Dr. Stanley J. Idzerda of Saint Joseph, Minnesota.

Dr. Idzerda, a renowned LaFayette scholar, was the first Director of the Honors College at Michigan State University when as a student I came to know him. I owe him everlasting thanks for his contributions to my life. He was unfailingly helpful, seemed never to notice my faults, and always accentuated my positive attributes.

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