# Validation and Predictability of Laboratory Methods for Assessing the Fate and Effects of Contaminants in Aquatic Ecosystems

Terence P. Boyle, editor



# VALIDATION AND PREDICTABILITY OF LABORATORY METHODS FOR ASSESSING THE FATE AND EFFECTS OF CONTAMINANTS IN AQUATIC ECOSYSTEMS

A symposium sponsored by The American Institute of Biology and The Applied and Aquatic Section of the Ecological Society of America and ASTM Committee E-47 on Biological Effects and Environmental Fate Grand Forks, ND, 8 Aug. 1983

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#### Foreword

The symposium on Validation and Predictability of Laboratory Methods for Assessing the Fate and Effects of Contaminants in Aquatic Ecosystems was held in Grand Forks, North Dakota, 8 Aug. 1983. The symposium was sponsored by The American Institute of Biology and The Applied and Aquatic Section of the Ecological Society of America and ASTM Committee E-47 on Biological Effects and Environmental Fate. Terence P. Boyle, National Park Service, presided as symposium chairman and editor of this publication.

### Related ASTM Publications

Statistics in Environmental Sciences, STP 845 (1984), 04-845000-16

- Aquatic Toxicology and Hazard Assessment: Sixth Symposium, STP 802 (1983), 04-802000-16
- Ecological Assessments of Effluent Impacts on Communities of Indigenous Aquatic Organisms, STP 730 (1981), 04-730000-16
- Estimating the Hazard of Chemical Substances to Aquatic Life, STP 657 (1978), 04-657000-16
- Bacterial Indicators/Health Hazards Associated with Water, STP 635 (1977), 04-635000-16

### A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

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