A Bibliography of Environmental Research: Ecosystems Department 1952-1975

December 1975

Battelle Paci"0c Northwest Laboratories
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A Bibliography
of Environmental Research:
Ecosystems Department
1952-1975

Burton E. Vaughan, Manager
and
Judith L. Helbling, Editor
Ecosystems Department

December 1975

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FOREWORD

This is the 3rd biennial edition of the Cumulative Bibliography of Environmental Research. Our purpose in compiling this bibliography was to prepare a single source of information on the publication history of the Ecosystems Department, from its genesis in the Biology Operation of General Electric, to its present status as an independent department of the Pacific Northwest Laboratories of Battelle Memorial Institute.

Articles in the open literature are one of the most useful sources of information on the direction of the research effort, the past performances of the staff, and on productivity in various portions of the overall research program. Unfortunately, it is often difficult to integrate this information in proper perspective, because of the numbers of publications involved, the numerous routes of publication, the scarcity of certain journals, and the passage of time with its concomitant personnel changes. The publication list includes titles which may have been published while the author was employed or sponsored earlier at a different institution. However, we felt that a cumulative list would be a more valid reflection of the capabilities of the staff while associated with Battelle.

In the case of annual reports, we have generally listed short articles for the most recent 3-year interval only. Such entries for older studies which have been published substantively in journal, symposium, or book form were deleted from the report and annual report listings. Exceptions include certain studies of an exceptionally long-term duration and studies where small-scale effort resulted in useful data reported only through the annual report series.

The scientific contributions in environmental research from other Battelle departments, with whom we have long-continued association, may not be adequately represented in this bibliography. In numerous cases, however, the fact of cooperative effort has led to indexing the contributions here. In those cases missed, my only excuse is—short of compiling all publications of the Pacific Northwest Laboratories—that we had to draw a line at some point and hope we were not too arbitrary. In addition to this cumulative bibliography, an annual compilation beginning with “Published Papers and Articles, 1971” is available from corporate headquarters. The annual compilation lists all published research, from the worldwide staff of Battelle, during the preceding year. It will help compensate any oversight on our part.

Special thanks are due Ms. Judy Helbling, technical editor to the Department, and Ms. Betty Groff, Life Sciences Librarian, who prepared this edition.

Burton E. Vaughan, Manager
Ecosystems Department

1Address inquiries for “Published Papers and Articles” to:
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