

Man's Pollution of World's Oceans To Be Explored by New Book

Since the advent of the industrial society, man's activities have greatly affected the world's oceans and seas.

The magnitude of this effect will soon be explored in a book, "Impingement of Man on the Oceans," now being edited by Dr. Donald W. Hood, director of the

University of Alaska's Institute of Marine Science.

"The people of the world," Dr. Hood said, "have no general recognition of what they are doing to the oceans.

"Virtually everything reaches the oceans, sooner or later, in one form or another. Pesticides are an example. Already they have killed fish, but more important, we are witnessing a chronic build up of pesticides in the water."

To explain the dispersive quality of man's products, Dr. Hood said evidence of pesticides has been found on the Greenland ice cap.

Dr. Hood warned that the accumulation of pesticides, lead, industrial wastes and other "artifacts of man" in oceans may reach serious proportions.

"This, in turn, can have serious consequences for man. Our book will explain these consequences in language understandable to both the scientist and informed layman," Dr. Hood said.

"We are attempting to set down, in an authoritative manner, information that may lead to improved public use

of the oceans."

Dr. Hood, as the book's editor, is assembling chapters authored by more than two dozen of the world's noted marine scientists. He is personally writing a chapter entitled, "Philosophy of Basic Ocean Uses."

Another chapter, dealing with organic waste and nutrient cycles, is being written by Dr. John J. Goering, a professor in UA's Institute of Marine Science. A former member of the institute, Dr. Richard Dugdale, is collaborating with Dr. Goering on the chapter.

Chapter groupings in the book are: "Transport Processes," "Chemical Models of the Ocean," "Artifacts of Man," "Man's Alteration of Coastal Environment," "Model for Studying Future Alterations of Ocean by Input of Non - Indigeneous Substances," and "Implications of Man's Activities on Ocean Resource Development."

The book was commissioned by John Wiley and Sons, Inc., Interscience Publishers, and is expected to be published early next year.