

Reports

7-1-1973

Documents Related to Management of the Coastal Zone: An Annotated Bibliography

Beverly L. Laird
Virginia Institute of Marine Science

Rosemary Green
Virginia Institute of Marine Science

Maurice P. Lynch
Virginia Institute of Marine Science

William J. Hargis Jr.
Virginia Institute of Marine Science

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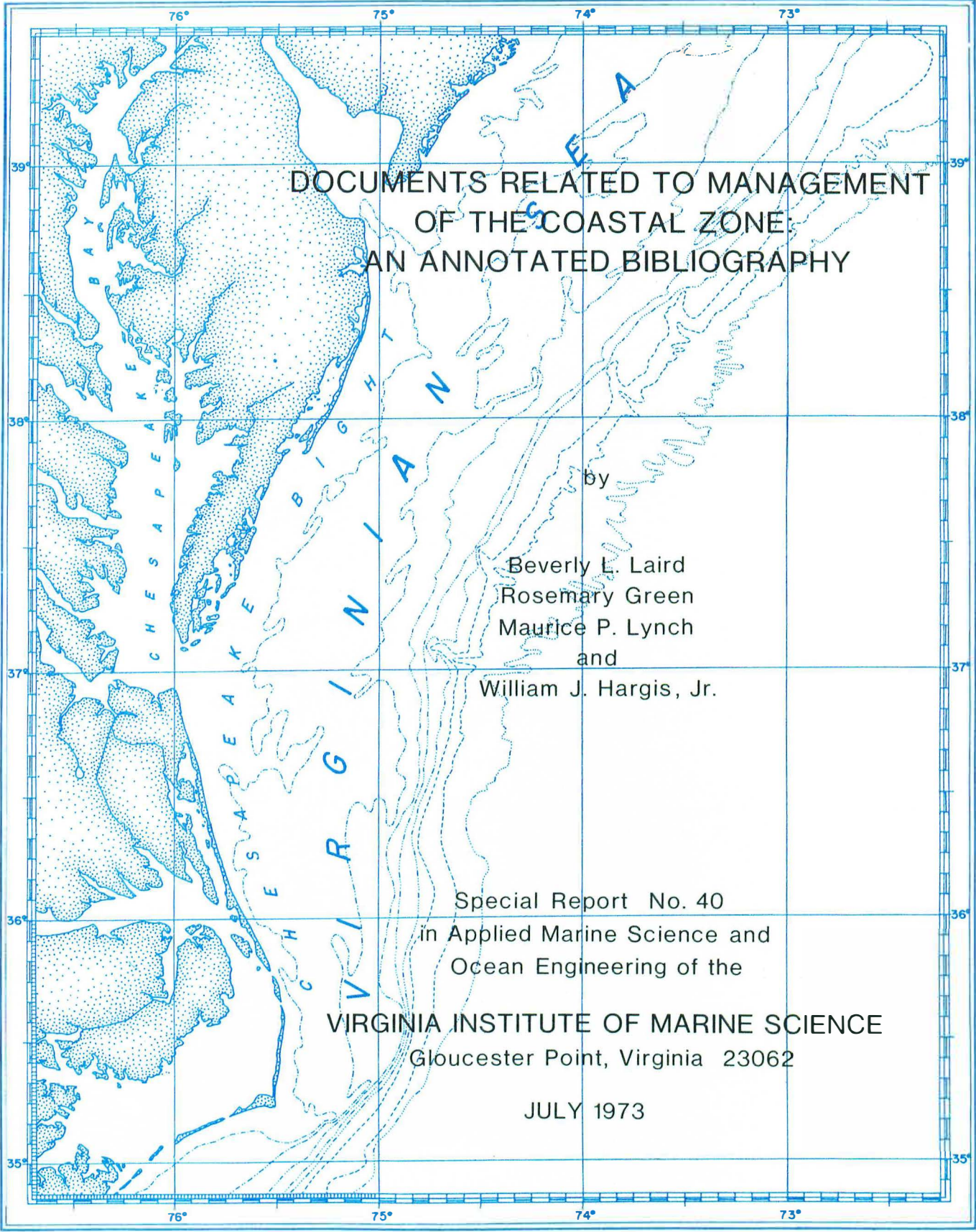


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Recommended Citation

Laird, B. L., Green, R., Lynch, M. P., & Hargis, W. J. (1973) Documents Related to Management of the Coastal Zone: An Annotated Bibliography. Special Reports in Applied Marine Science and Ocean Engineering (SRAMSOE) No. 40. Virginia Institute of Marine Science, College of William and Mary. <http://dx.doi.org/doi:10.21220/m2-p0y7-ca19>

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A map of the Chesapeake Bay and Virginia coastline, showing the bay, surrounding land, and a coordinate grid. The grid has latitude lines at 35°, 36°, 37°, 38°, and 39° North, and longitude lines at 73°, 74°, 75°, and 76° West. The text of the report is overlaid on the map.

DOCUMENTS RELATED TO MANAGEMENT
OF THE COASTAL ZONE
AN ANNOTATED BIBLIOGRAPHY

by

Beverly L. Laird
Rosemary Green
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and
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Special Report No. 40
in Applied Marine Science and
Ocean Engineering of the

VIRGINIA INSTITUTE OF MARINE SCIENCE
Gloucester Point, Virginia 23062

JULY 1973

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Director
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ACKNOWLEDGEMENTS

We wish to thank Mrs. Charlotte S. Ashe for assistance in locating the literature cited; the Library staff and personnel in the Marine Environment and Resources Research Management System (MERRMS) office for cooperation and assistance in gathering and ordering relevant materials; and Mrs. Claudia B. Walthall and Miss Melissa A. Forrest for proof-reading the final draft.

This project was supported by funds from the National Science Foundation, Research Applied to National Needs (RANN) grant to the Chesapeake Research Consortium, Inc.

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INTRODUCTION

The coastal regions of the world have historically provided the major loci of man's interaction with the sea and the termini of man's contact with other men from distant areas. As man's influence on his environment increases along with his growth in numbers, societal complexity, and technological advancement, it is only natural that the effects of this influence are strongly felt in coastal regions.

We have compiled an annotated bibliography of studies of management, economic, sociological, and legal problems of the coastal zone to assist coastal zone administrators, managers, and scientists in their efforts to insure that developments in this important region do not result in irreversible detrimental effects. Many of the studies listed in this bibliography are not readily available as part of the natural or social science literature, but contain much pertinent information.* Surely many possible references have escaped our attention. Later editions should be more complete. We hope that persons aware of such materials will either forward copies to us or bring them to our attention for use in subsequent editions. We have not included non-management reports which deal solely with resources or environmental conditions of a given area, because access to this information is possible from other sources. We have included, however, where available and known to us, compendia describing research in the coastal zone.

Many different attempts have been made to develop single, all-encompassing definitions of the Coastal Zone, but no clear-cut definition which is both mutually inclusive of all geographical, geological, or political differences and exclusive of the same factors which apply strictly to land areas or the high seas has arisen. For convenience, in developing this bibliography, we have used a broad definition which places the seaward boundary of the Coastal Zone at the 100 fathom contour, the inward water boundary as the upper limit of ocean tides, while the landward limit is the inward limit to which direct effects of adjacent land masses could be detected. Included are all wetlands, shorelines, shallows, other closely adjacent land masses, bottoms, waters, human and natural resources, and human and natural processes and activities contained in the area. The Great Lakes are encompassed along with the shorelines of the tidal rivers, lagoons, and estuaries, and the beaches, palisades, and promontories of the coasts of the open ocean.

We hope that this work will assist in implementation and operation of the recently adopted Coastal Zone Management Act, PL 92-583. As indicated above, this annotated bibliography will be augmented by later editions as required.

*Microfiche copies of non-copyrighted articles are available for a small handling fee from Mr. John B. Pleasants, Marine Environment and Resources Research Management System (MERRMS), Virginia Institute of Marine Science, Gloucester Point, Virginia 23062, Phone 804-642-2111 Ext. 96.

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