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(1983 - 1986)

EDITED
BY
J.F. ARAYA-VERGARA

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PROLOGUE

The Commission on the Coastal Environment, one of the oldest commissions of the International Geographical Union, is issuing a new volume of its quadrennial International Bibliography on Coastal Geomorphology, whose editor is Professor J.F. Araya-Vergara from the University of Chile.

This publication represents only one of the many activities of the Commission on the Coastal Environment. For the 1986-1988 period, several research projects have been carried out about the following topics: beach-dune system interactions, shore response to sea level rise, dynamics of coarse clastic beaches, cheniers, human impact on coastal lagoons and coral reefs, recreation uses in coastal areas, coastal hazards, nature of national policies for coastal open space. Publications of the main results of those projects will proceed as soon as enabling funds have been identified.

Several meetings have been organized by the Commission during the last few years: Rocheford (France), 1984; Aix - en - Provence (France), 1985; Tallinn (USSR), 1986; Barcelona (Spain), 1986; Portland (USA), 1987 ; London (England), 1987. Guide-books and proceedings are available for most of those symposia.

Six issues of the Newsletter edited by Professor Norbert P. Psuty from Rutgers - The State University of New Jersey (USA) have been issued since 1984. More than 450 corresponding members around the world are receiving the liaison bulletin aimed to facilitate exchange of information.

I would like to express my sincere thanks to Professor J.F. Araya-Vergara for having accepted to edit this new volume of the International Bibliography and the Faculty of Architecture and Urbanism (Department of Geography) of the University of Chile for having funded its publication.

Roland P. Paskoff
University of Lyon (France)
Chairman of the IGU-CCE.

ACKNOWLEDGMENTS

The publication of this Bibliography has been possible by the willing cooperation of the full and corresponding members of the Commission, and the Editor wishes to express his gratitude to all who have helped to complete it.

During the process of compilation, the Editor received the permanent support of the Commission's Chairman, Prof. Roland Paskoff. At the same time, the help of the Prof. Norbert Psuty, our Commission Secretary, was so much so that – without doubt it supplied inputs of an invaluable quantity and quality.

So, in spite of that the compilation on each country was asked to national compilers, some enthusiastic corresponding members or other interested colleagues, sent individual contributions. This made difficult the work and, in some cases, these contributions arrived too late. But, in order to avoid omissions and understanding the kind collaboration of these colleagues, it will be attempted the edition of a small supplement as soon as possible. It is specially the case of U.S.A., some of whose scientists sent individually a significant number of citations, some of which are not contained in the very voluminous bibliography of this country. Therefore, the many contributors of this volume had a prized cooperation, without which there would be no bibliography.

As a final product, it is beyond argument that this bibliography is not an exhaustive list. It contains inputs of 60 contributors, covering 33 countries.

Finally, the Editor wants to thank the authorities of the Faculty of Architecture and Urbanism and its Department of Geography (University of Chile) for having supported this issue.

JOSE F. ARAYA-VERGARA
Editor

ORGANIZATION AND USE OF THIS BIBLIOGRAPHY

This bibliography, as other regular quadannual productions of the Commission, is a reference list country by country. However, students and incoming coastal researchers work more frequently by subjects than by countries. Consequently, in order to avoid the use of the list only for browsing, citations have been classified by landforms and processes. So, at the beginning of each citation, a **capital letter** indicates the central subject of the work.

Obviously, many works deal with more than one principal subject, but it would be doubtful and dangerous the corresponding mixing in the citation. At least, the indication of a hypothetical central theme —on the basis of the title— may provide a reasonable orientation on the subject matter.

For this purpose, subjects are grouped in a few categories. The capital letters mean the following key words or expressions:

- Landforms** : **C** = Coasts and shores (e.g. coastal development; coastline).
R = Rocky and erosional landforms (e.g. reefs; abrasion platform).
D = Depositional landforms (e.g. beach ridges; barrier islands).
M = Continental margin and submarine features (e.g. continental shelf ridges).
- Processes** : **A** = Erosion or abrasion (e.g. beach scraping; cliff landslides).
S = Sediment and sedimentation (e.g. littoral gravels; sand budget).
H = Hydraulic processes and hydrodynamics (e.g. backwash; rip currents).
T = Tectonics and structural factors (e.g. uplift; offset structures).
- Environmental approach** : **Z** = Zonation (e.g. swash zone; wall layer).
E = Morphogenetic environments (e.g. estuarine; mangroves).
I = Man's impact and management (e.g. coastal land use; shore protection structures).
- Evolution** : **L** = Sea-level changes (e.g. glacioeustatic regression; submerged shorelines).
CH = Coastline present changes (e.g. present evolution trends; channel migration).
G = Historical Geomorphology and Geocronology (e.g. Holocene deposits; relative dating).
- Bibliographies** : **B**

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LANGUAGE

(E)	:	written in English
(E + F)	:	written in English with French abstracts
(E + J)	:	written in English with Japanese abstracts
(E + E)	:	written in French with English abstracts
(J)	:	written Japanese
(J + E)	:	written in Japanese with English abstracts
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