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The following engineers from Denmark served as the Organizing Committee for the Fourteenth International Conference on Coastal Engineering

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FOREWORD

These International Conferences on Coastal Engineering have grown over the years since 1950 in attendance, in the number of papers presented, and in scope of engineering and scientific content. There has been an even greater increase in the work of arranging for a conference—a task which, if well done, gives the erroneous impression of requiring little effort. The physical arrangements and the social events of this conference have been superbly done and the Coastal Engineering Research Council and the other sponsoring organizations are most grateful to Chairman Sørensen, Professor Lundgren and the Copenhagen Organizing Committee.

As these conferences have grown in international standing, the number of interesting papers by qualified authors submitted for consideration has increased so greatly as to preclude scheduling all of them in a full week of parallel sessions. The onerous task of selection from among papers of high quality was carried out by the Papers Committee and the Council as equitably as they knew how to do—but, under the circumstances, there may have been some inequities in the choices made—and to those authors so affected the Council is sincerely apologetic.

A topic of considerable professional importance to engineers engaged in coastal work is the scarcity of statistical data on wave action—and the incompleteness of much of the data available. This situation becomes both surprising and disturbing, in view of the fact that the effect of ocean waves is a unique characteristic of coastal engineering and that the solution of almost every coastal problem involves consideration of the incident wave climate. There are many natural phenomena for which long-time records and extensive geographical coverage are readily available—rainfall, stream flow, solar radiation, wind velocity, cloud cover and many more, but—the climatology of ocean waves, a phenomenon of overriding importance to coastal engineers and scientists, is fragmentary and much of it is of questionable validity. Space does not permit a full discussion of this serious deficiency in the basis for sound planning and design. Providing these data will require national or international programs of observation and analysis. Where such programs are inadequate, or lacking entirely, coastal engineers should exert their influence to bring them about under the auspices of a permanent public agency and to put the data in form for engineering and scientific application.

Morrrough P. O'Brien, Chairman
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CONTENTS

ACKNOWLEDGMENTS	iii
FOREWORD	iv

THEME SPEAKERS

STUDIES IN COASTAL GEOMORPHOLOGY CONTRIBUTING TO COASTAL ENGINEERING André Gulcher	1
HISTORY OF SOME ASPECTS OF MODERN COASTAL ENGINEERING J. W. Johnson	21
COASTAL ENGINEERING AND OFFSHORE LOADING FACILITIES Eco W. Bijker	45

PART I

THEORETICAL AND OBSERVED WAVE CHARACTERISTICS

Chapter 1 EXTREME LEVELS ARISING FROM METEOROLOGICAL SURGES P. Ackers and T. D. Ruxton	69
Chapter 2 CALIBRATION OF A HURRICANE STORM SURGE PROGRAM Ronald M. Noble and James A. Hendrickson	87
Chapter 3 STORM SURGE EFFECTS AT LEIXÕES C. Campos Morais and F. Abecasis	98
Chapter 4 PORTUGUESE WAVE REGIMEN Júlio Patriarca Barceló	112

CONTENTS

Chapter 5	
WAVE STATISTICS ALONG THE NORTHERN COAST OF EGYPT	
M. Manohar, I. E. Mobarek, A. Morcos and H. Rahal	132
Chapter 6	
WIND AND WAVE RELATIONSHIPS IN A SHALLOW WATER AREA	
J. S. Driver and J. D. Pitt	148
Chapter 7	
WAVE GROUP FORMATION AMONG STORM WAVES	
H. Rye	164
Chapter 8	
LARGE-HEIGHT RESPONSE OF TWO WAVE RECORDERS	
L. Draper, J. D. Humphery and E. G. Pitt	184
Chapter 9	
TRANSMISSION LINE WAVE HEIGHT TRANSDUCER	
C. M. G. Zwarts	193
Chapter 10	
LOW-COST INSHORE WAVE DIRECTION INDICATOR	
G. de F. Retief and A. P. M. Vonk	212
Chapter 11	
CURRENT MEASUREMENTS USING A TILTING SPAR	
R. L. Lowe, D. L. Inman and C. D. Winant	225
Chapter 12	
BASIC SYSTEMS OF WIND WAVE FIELD	
Yu. M. Krylov, S. S. Strekalov and V. Ph. Tsyplovkhin	240
Chapter 13	
LOSSES OF INNER ENERGY IN SEA WAVES	
V. K. Shtencel	250
Chapter 14	
ENHANCEMENT OF DIRECTIONAL WAVE SPECTRUM ESTIMATES	
Narayana N. Panicker and Leon E. Borgman	258
Chapter 15	
OPTIMAL DESIGN FOR WAVE SPECTRUM ESTIMATES	
M. A. Tayfun, C. Y. Yang and G. C. Hsiao	280

CONTENTS

Chapter 16	
SPECTRA AND BISPECTRA OF OCEAN WAVES	
Ole Gunnar Houmb	301
Chapter 17	
LABORATORY GENERATION OF WAVES OF CONSTANT FORM	
J. Buhr Hansen and Ib A. Svendsen	321
Chapter 18	
PROGRAMMABLE IRREGULAR WAVE GENERATOR	
Normal B. Webber and Colin D. Christian	340
Chapter 19	
RANDOM WAVE SIGNAL GENERATION BY MINICOMPUTER	
Ed R Funke	352
Chapter 20	
MODEL TESTS WITH DIRECTLY REPRODUCED NATURE WAVE TRAINS	
Helge Gravesen, Ebbe Frederiksen and Jens Kirkegaard	372
Chapter 21	
MEASUREMENTS OF INCIDENT WAVE HEIGHT IN COMPOSITE WAVE TRAINS	
Ake Sandstrom	386
Chapter 22	
ORIGIN, EFFECT AND SUPPRESSION OF SECONDARY WAVES	
C. H. Hulsbergen	392
Chapter 23	
TRANSFORMATION OF IRREGULAR WAVES IN SHOALING WATER	
Tetsuo Sakai and Yuichi Iwagaki	412
Chapter 24	
CRITICAL TRAVEL DISTANCE OF WAVES IN SHALLOW WATER	
Winfried Siefert	431
Chapter 25	
MASS TRANSPORT IN GRAVITY WAVES ON A SLOPING BOTTOM	
E. W. Bijker, J. P. Th. Kalwijk and T. Pieters	447

CONTENTS

Chapter 26	
SURF SIMILARITY	
J. A. Battjes	466
Chapter 27	
WAVE DEFORMATION AFTER BREAKING	
Toru Sawaragi and Koichiro Iwata	481
Chapter 28	
WATER WAVE INTERACTION IN THE SURF ZONE	
D. Howell Peregrine	500
Chapter 29	
FIELD INVESTIGATIONS IN SURF ZONES	
Hans Henning Dette and Alfred Fuhrböter	518
Chapter 30	
FIELD MEASUREMENTS OF NEARSHORE VELOCITIES	
David A. Huntley and Anthony J. Bowen	538
Chapter 31	
VELOCITIES UNDER PERIODIC AND RANDOM WAVES	
Allen Lee, Clive A. Green and Tariq S. Durrani	558
Chapter 32	
INTERNAL VELOCITIES IN THE UPBUSH AND BACKWASH ZONE	
Patrick H. Kemp and David T. Plinston	575
Chapter 33	
RESULTS OF OCEAN WAVE—CONTINENTAL SHELF INTERACTION	
Victor Goldsmith and Joseph M. Colonell	586
Chapter 34	
DIFFRACTION OF GRAVITY WAVES BY LARGE ISLANDS	
Peter L. Christiansen	601
Chapter 35	
EFFECT OF WAVE REFRACTION OVER DREDGED HOLES	
J. M. Motyka and D. H. Willis	615
Chapter 36	
WATER WAVES ON A BILINEAR SHEAR CURRENT	
Robert A. Dalrymple	626

CONTENTS

Chapter 37	
COMPUTER AID FOR OPTIMUM DESIGN OF TSUNAMI WAVES	
Toshio Iwasaki	642

PART II

COASTAL SEDIMENT PROBLEMS

Chapter 38	
FEASIBILITY OF COASTAL MORPHOLOGICAL MODELS	
Evald Nielsen	663

Chapter 39	
LONGSHORE CURRENTS AND WAVES AT BURULLUS COAST	
M. Manohar, I. E. Mobarek and A. Morcos	685

Chapter 40	
COMPUTATION OF LONGSHORE CURRENTS	
Ivar G. Jonsson, Ove Skovgaard and Torben S. Jacobsen	699

Chapter 41	
COMPUTER EVALUATION OF LITTORAL TRANSPORT	
Theodor R. Mogel and Robert L. Street	715

Chapter 42	
COMPARISON BETWEEN THE RESULTS OF LITTORAL-DRIFT COMPUTATIONS AND CUBATURE OF DEPOSITS ON A DREDGED CHANNEL	
V. F. Motta and J. V. Bandeira	726

Chapter 43	
MEASURING SAND DISCHARGE NEAR THE SEA-BOTTOM	
Dieter Wenzel	741

Chapter 44	
SEDIMENT THRESHOLD UNDER OSCILLATORY WAVES	
Paul D. Komar and Martin C. Miller	756

Chapter 45	
STABILITY OF A SAND BED UNDER BREAKING WAVES	
Ole Secher Madsen	776

CONTENTS

Chapter 46	
SEDIMENT TRANSPORT IN RANDOM WAVES AT CONSTANT WATER DEPTH	
Hsiang Wang and S. S. Liang	795
Chapter 47	
MODE AND PERIOD OF SAND TRANSPORT IN THE SURF ZONE	
Benno M. Brenninkmeyer	812
Chapter 48	
SAND TRANSPORT AND COASTAL STABILITY, LANCASHIRE, U.K.	
William Reginald Parker	828
Chapter 49	
DIFFERENTIAL MOVEMENT OF COARSE SEDIMENT PARTICLES	
Alan Paul Carr	851
Chapter 50	
DYNAMICS AND MORPHOLOGY OF SAND BANKS IN THE SURF ZONE OF OUTER TIDAL FLATS	
Harald Gohren	871
Chapter 51	
SCHEMATIZATION OF ONSHORE-OFFSHORE TRANSPORT	
D. H. Swart	884
Chapter 52	
THEORY ON FORMATION OF RIP-CURRENT AND CUSPIDAL COAST	
Mikio Hino	901
Chapter 53	
TWO DIMENSIONAL BEACH TRANSFORMATION DUE TO WAVES	
Tsuguo Sunamura and Kiyoshi Horikawa	920
Chapter 54	
EQUILIBRIUM PROFILES OF COARSE MATERIAL UNDER WAVE ATTACK	
E. van Hijum	939
Chapter 55	
LAB PROFILE AND REFLECTION CHANGES FOR $H_o/L_o = 0.02$	
Charles B. Chesnutt and Cyril J. Galvin, Jr.	958