Journal of Coastal Research	13	1	274–279	Fort Lauderdale, Florida	Winter 1997

SUBJECT INDEX

Journal of Coastal Research
Annual Index Vol. 12 (Nos. 1–4) 1996

A

Aberdeen, Washington, USA, 965
Accretion, beach, 428
Accretionary structures, 765
Adhesion ripple lamination, 165
Aeolian
  sediment flux, 641
  sediment transport, alongshore, 673*ff*
Aerial photographs
  coastal studies, 65, 193, 311
  comparisons, 788
  historical, 148, 466
  surveys, 271
Air entrapment, beach groundwater table, 635
Airborne videography, 65
Ammophila
  arenaria, 406
  breviligulata, 406
Amvrakikos Gulf, Greece, 941
Anastasia Island, Florida, USA, 962
Anemometer, 650, 666
Anthracene (fluorescent) sediment tracer dye, 1018
Anticyclone cells, 432
Apalachicola River, Florida, USA, 786
Aragonite, sediment, 954
Archaeological indicators, sea level, 841
Ardtoe, Scotland, UK, 863
Armandia maculatus, 339
Artificial bar, 356
Astonomical tide, 368
Atchafalaya Bay, Louisiana, USA, 985
Atmospheric correction, upwelling irradiance, 987
Attenuation, sea waves, 890
Automatic water-level recorder, 368
Avicennia germinans, 64

B

Back-barrier, 578
Background erosion rate, v
Backscattering coefficient, 217
Backshore
  deposits, 164
  species, 136
Bahia Blanca Estuary, Argentina, 875
Balanus spp., 841
Baltic Sea, 812, 813
Bar and trough, 355
Bar welding, 304
Barometric set-up, 368
Barrier
  island, 39, 297
  morphological variation, 589
  transgression, 597
  typologies, 59
Barrier-lagoon type, Atlantic coast, 584
Basal peat dates, 977
Bass Point, New South Wales, Australia, 833
Bathymetric
  analysis, 715
  profile, 358, 404
Batwing delta, 53
Bay of Fundy, North America, 520
Beach
  change, 423
  cliff, 161
  cusp, formation, 622
  erosion, v, 179
  face morphology, 10
  facies, 155
  fill
    borrow sites, 147
    design, 396, 447*ff*
  material, 180
  morphotypes, 752
  nourishment schemes, 179*ff*, 328, 395*ff*
  overwash, 134
  profile, 404, 420, 508, 623, 699
  renourishment, iv
  restoration studies, 326, 327
  ridges, 1*ff*, 606, 788, 934
    aggradation, 613
    origin, models of, 612
    sets of, 714
  sediment, 271, 422, 655
    lateral grading, 774
  slope angle, 240
  transect, 716
  types, 757
  volume, v
  watertable fluctuations, 630
Beach-manager, 179
Beach-nearshore sand systems, 496*ff*
Beach-related income, viii
Beach-restoration effects, 337
Beach/dune interaction, 654
Beaches
  abrasion type, 933
  morphologic diversity, 749
Beachface, 749, 1018
Beauly Firth, Scotland, UK, 863
Bed disturbance, 515
Bed type, coastal sediments, 1001
Bedform sequences, 499
Bedload sediment transport, 875
Berm, beach, 646
Berms, mounds, bars, 402
Biological indicators, sea level, 841
Biostratigraphy, 864
Biozone, 866
Blowouts, dune, 657
Bluehole, 953
Blutaparon association, 136
Borehole survey, 864
Borrow sites, 401
Bottom stress coefficients, 120
Boussinesq approximation, 435
Box cores, of sediments, 329, 903
Brania wellfleetensis, 339
Brazos-Colorado delta, 463
Breaker
  steepness index, 632
  types, classification, 240
Breaking waves, types of, 240
Breakwater, coastal structure, 320, 487
Breidafjoerdur Bay, Iceland, 368
Bruun Rule, 827
Bruun-Dean profile, 707
Bunns, coastal protection, 1032
Buried seafloor valleys, 208
Buried wave-cut terrace, west coast of India, 205
Busselton, Western Australia, 761

C

Cabo St. Marta, Brazil, 133
Cakile maritima, 136
Calamovilfa longifolia, 406
Calibration, of model, 440
Calidris alpina, 996
Calycera crassifolia, 136
Canavalia rosea, 408
Cannibalization, sediment cells, 592
Cape Hatteras, North Carolina, USA, 229
Cape Leeuwin, Western Australia, 762
Carbonate
  content, beach fill, 451
  fraction, sediments, 155
Carrick Finn Strand, Ireland, 664
Carter, RWG memorial tribute, 558
Catchment area, tidal flat, 284
Catchment-deltaic systems, 97
Cattle management, in coastal marshes, 471
Cavallo Pass, Teas, USA, 64
Cenote phase, 954
Centralized data storage, coastal management, 201
Chamaecrista chamaecristoides, 408
Changjiang River, China, 27
Charge-coupled device (CCD) camera, 65, 970
Chenier
  formation, 817*ff*
  migration, 819
  morphology, 819
  plain, 35
Chesapeake Bay, USA, 969, 977
Chesil Beach, Dorset, England, UK, 774
Chezzetcook Inlet, Nova Scotia, Canada, 594
Chlorophyll
  attenuation of, 223
  biomass, 260
Chlorophyll-*a,* 212, 969
Christchurch Bay, England, UK, 1001
Christchurch Harbour, England, 1001

Clay mineral depositional patterns, 940
Clay-sized fraction, 915
Cliff shores, 72, 484
Climate and palaeoceanography, 873
Climate warming, 564
Climatic change, 13
Closure depth, 179
Coast-normal transects, 142
Coast-parallel bars, 43
Coastal Biology Station, Mexico, 409
Coastal Information Technologies, 192*ff*
Coastal
  barrier, 507, 567
  change, rates of, 798
  classification, 484
  cliff, 780
  current forces, 798
  depositional features and sequences, 825, 826
  development, 171
  drainage changes, 95
  drift, 168
  dunes, 133*ff*, 567
  embayments, 10
  erosion, 160, 489, 944
  evolution, 484, 827, 1024
  foredunes, sediment supply, 654*ff*
  geomorphology, 1
  management, multicriteria evaluation, 171*ff*
  marsh, 571
  models, 432
  plain
    littoral, 257, 786
    sedimentological environments, 71
    vegetation, 105
  protection, 354, 1031
  retreat, 169
  sea-level variation, 79
  sedimentary complexes, 826, 875
  sediments, New Zealand, 396
  stratigraphies, 564*ff*
  structures, 319, 322
  swimming pools, scour model, 186*ff*
  vegetation, remote sensing of, 103*ff*
Coastal zone
  dune systems, 160
  historical maps, 272
  management, 192
  population, viii
Coastline changes, analysis of, 319
Collapsing breaker, 240
Color ratio algorithm, 224
Color-infrared (CIR) film, 64
Concave beach, 756
Constricted delta shape, 54
Constructional features, tsunami, 832
Continental shelf studies, 208
Continuity equation, 434
Contorted bedding, dune sands, 166
Cooroong, South Australia, 1006
Coral reefs, shapes, 76
Cores, in marshes, 522
Coriolis effect, parameter, 113, 434
Coulter counter techniques, 149
Crenulate morphology, coasts, 567
Cross-bedded sands, 163
Cross-shelf boundaries, 112
Cross-shore
  profiles, 143
  transport, 697, 890
Cross-shelf transport, 81
Current meter, 623
Cusp formation, 622
Cuspate foreland, 761
Cyclone storm surge, 121
CZCS (Coastal Zone Color Scanner), 194

D

DOP, dissolved organic carbon, 212
Damage patterns, from coastal storms, 232
Damietta Promontory, Nile Delta, 914
Data telemetry, archiving, 686
Dean Number, 401
Delaware Estuary, Delaware, USA, 211
Delta
  deposition, 941
  development, 29
  shapes, classification, 53
  size, 58
Deltaic
  progradation, 35
  sedimentation, 940*ff*
Den Helder, Netherlands, 271
Depositional
  regression, 827
  sinks, 789
Depth of closure, 499
Diagenetic sulphide forming processes, 521
Diatom
  analysis, 931
  assemblage, 869
Digital ground penetrating radar (GPR), 960
Digital imaging processing methods, 313
Dipwell, beach watertable, 634
Dispio uncinata, 342
Dog Island, Florida, USA, 788
Dolan/Davis Scale, 424
Domains, gravel barrier, 596
Downdrift inlet accretion, 297
Downstream textural trends, Nile River, 916
Downwelling, upwelling irradiance, 212
Drainage basin surface, 32
Drift-aligned coastal features, 590
Driftline, 137
Dry beach width, v
Dry marsh, 471
Dump sites, New Zealand, 395
Dune
  coastal, 606
  complexes, 2*ff*
  cover, 569
  fields, 160
  plant distribution, 133
  systems, 161
  volumes, 511
Dunefields, 507
Dunes, 642
Dunlin, Spain, 996
Dynamic equilibrium, 355

E

East China Sea, 27
East Frisian Islands, North Sea, 271
Eatout survey, 472
Ebb delta
  morphology, 48, 432
  sedimentary structures, 288
Ebb sand transport vector, 722
Ebb tidal delta, 143, 447
Ebb tide, 432
Ebro Delta National Park, Spain, 996
Effluents, leachates, 246
Ekman
  layer transport, 81
  layers, 80
El Niño, 14, 473
Elephant seals, diving pattern, 199
Embryo dunes, 655
Emergent bar model, 614
Emerita talpoida, 339
End effects, seawalls, 693
Eolianite dunes, 151
Equilibrium beach, 780
Erosion, beach, 428
Erosional hot spots, vi
Espinho, Portugal, 161
Essex coast, UK, 246
Estuarine waters, biochemical/optical measurements, 211
Estuary, 91
Eucalyptus diversifolia, 1007
Euxinic coastal marsh, 521
Euklidean distances, among variables, 176
Exogenetic processes, 1034

F

Fathometer, bottom configuration, 423
Faxafloi Bay, Iceland, 368
FEMA (Federal Emergency Management Agency), 186
Ferricrete reef, Northern Australia, 909
FFT (Fast Fourier Transform)
  algorithm, 1013
  procedure, 903
Fill factors, beach renourishment, 400
Fimbristilis autumnalis, 136
Firth of Forth, Scotland, UK, 863
Flat beach, 757
Flocculation, 943
Flood
  plains, coastal, 29
  sand transport vector, 722
Florida Keys, Florida, USA, 953
Florida beaches, vii
Flume measurements, 893
Fluvial boundaries, 440
Fluvioglacial-glaciogenic coast, 492
Flux curtain experiments, 687
Foraging habitat, 996
Foredune
  plains, 771
  ridges, 395, 493, 614
  species, 136
Foreshore facies, 167
Fourier series, 19
Frantz Magnetic Separator, 451
Frequency analysis, 883
Frisian Islands, German Bight, 142
Frouxeira, Spain, 567
Furen Lagoon, Japan, 851

G

Galacia, Spain, 567
Galerkin's method, 435
Galveston Island, Texas, USA, 963
Gauss-Legendre integration method, 439
Gelbstoff-type organic concentration, 224
Geoarcheological investigations, 827
Georeferenced shoreline, 314

Geostrophic
currents, 913
low, 81
Geraldton, Western Australia, 761
German Bight, 141
GIS, geographic information system, 196
Glacial eustasy, 797
Glaciogenic shores, 486
Global
climatic variation, 473
cooling, 1035
forestation, 1035
ocean/atmosphere interactions, 1035
sea level and climate, 977
sea-level change, 823
GPS satellites, 65, 194
Grain-size
analysis, 1002
distribution patterns, 944
Grain sphericity, 1019
Gravel
beach ridge, 572
beaches, 1
ridge morphology, 11
shorelines, 11
Gravel-dominated coastal barriers, 589*ff*
Grayton Beach, Florida, USA, 789
Green's function, 479
Greenhouse
effect, 1034
experiments, sand dune species, 409
Ground truth surveys, 67
Groundwater behaviour, in sandy beaches, 630*ff*
Growth rates, beach ridges, 616
Gulf coast marshes, 462*ff*
Gulf of Eilat, 70
Gulf of Suez, 70

H

Hale Hemicycle, 1035
Half-delta shape, 55
Hallermeir Limits, 402, 502
Haplophragmoides manilaensis, 856
Harbor dredging, 398
Hard bed sediments, 1002
Harris soil series, 463
Haustorius jayneae, 339
Hawke Beach, New Zealand, 780
Headland, 596, 834
Heap's radiation condition, 114
Heaps-Orlanski condition, 115
High marsh, 1010
High resolution sounding charts, 40
High-backscatter sand, 152
High-resolution sidescan sonar, 148
High energy shoreline, vii
Highstand systems, 802
Hokkaido, Japan, 851
Holocene
marine transgression, 934
transgression, 881
Hoods Canal, Washington, USA, 852
Horizontal field velocity, 624
Houston, Texas, 463
Humber Estuary, UK, 683
Humber Observatory, 683
Humboldt Bay, California, USA, 852
Hunting Island, South Carolina, USA, 714
Hydraulic conductivity, beach groundwater table, 637
Hydrocotyle-Paspalum association, 136
Hydrodynamic
boundary conditions, beach, 449
model, 430*ff*
regime, 145
zoning, 432
Hydrometeorology, 1026
Hydrosedimentological processes, 808
Hyperbolic distributions, 883

I

Icelandic Hydrographic Service, 369
IGCP Project 367, 795
Imbricated boulder deposits, 823
Impact Matrix, 173
Infiltration, swash zone, 633
Inlet migration, 297
Innishfree Bay, Ireland, 665
Instrument systems, Humber Observatory, 685
Intensified Multispectreal Camera (IMC), 970
Intermediate-backscatter sandy silt, 153
International Geosphere-Biosphere Programme, 26
Internet, coastal management, 200
Ion Chromatograph, 524
Ipomoea pes-caprae, 408
Irradiance measurements, 972
Island of Hiiumaa, Estonia, 812
Island of Sylt, Germany, 354
Israel coast, 311

J

Java Sea, 256
Jekyll Island, Georgia, USA, 961
Jervis Bay, NSW, Australia, 833
Jet probing, bottom sediments, 953

K

Kamchatka Peninsula, 930
Kampen, Germany, 355
Kaolinite, Nile River sediments, 924
Karst topography, drowned, 207
Kattegat, Denmark, 899
Kelvin wave, 368
Kerala State, India, 891
Keum River, Korea, 817
Key Largo National Marine Sanctuary, Florida, 954
Komso Bay, Korea, 817
Kuril Islands, 931

L

La Plata River, Argentina, 18
Laboratory studies, seawalls, 695
Lagoon formation, 75
Lagoonal sediments, 6
Lake Peipsi, Estonia, 1024
Land types, 466
Landsat TM data, 103*ff*
Langeoog, Netherlands, 271, 447
Laplace equation, 479
Laser Particle Sizer, 249
Last glacial-interglacial transition, 862
Lateral grading, 779
Leachate solutions, 524
Leitoscoloplos fragilis, 342
Lesser snow goose populations, 467
Levant Sea, 912
Lithophyllum lichenoides, 841
Little Ice Age, 977, 1035
Littoral Environment Observation (LEO), 560
Littoral
cells, 72
sediment budget, 47
sedimentary processes, short-term, 801
submergence, 1035
Littoral-drift processes, 617
Long Point, Ontario, Canada, 642
Longevity models, beach fill, 455
Longshore
bars, 355
drift, 721, 1020
gradients, 776
sorting, 778
Longshore-elongated wedge-shaped deposit, 55
Low marsh environment, 528
Low-backscatter silt, 152
Low-fertility soils, on sand dunes, 417
Luquillo, Puerto Rico, USA, 147

M

Macrobenthic impact studies, 326
Macrofossil analysis, 527
Macrotidal salt marsh systems, 522
Magilligan Foreland, Northern Ireland, UK, 605
Maliakos Gulf, Greece, 941
Management strategies, 192
Marine
barriers, 832
deposits, raised, 909
embayment, 70*ff*
planation surfaces, 932, 936
submergence, 933
terrace, 824, 937
terraces
uplifted, 931
Marker horizons, 900
Marquardt algorithm, 19
Marseilles harbour, 841
Marsh
aggradation, 474
foraminiferal distributions, 850
Medieval Climatic Optimum, 1035
Medieval Ice Age, 1035
Mediomastus californiensis, 339
Mediterranean Sea, 70
Metamysidopsis swifti, 339
Mid-Atlantic Bight, North America, 79
Mid-Atlantic states, USA, vii
Midden deposits, 7
Milammina fusca, 856
Mixed energy coasts, 297
Moderately concave beach, 757
Moderately steep beach, 757
Mohaka River, New Zealand, 781
Monsoon winds, 817, 890
Morgan Peninsula, Florida, USA, 790
Morphostratigraphic studies, 1
Moturiki Island, New Zealand, 395

Mt. Maunganu Beach, New Zealand, 395
Mud
  banks, wave attenuation, 890
  elevation profile, 894
  motion, wave attenuation, 893
Mudbank, 890
Mudflats, 466
Multispectral Atmospheric Mapping Sensor (MAMS), 984
Multispectral water-type analysis, 984*ff*
Mussel beds, 287

N

Nags Head, South Carolina, USA, 420
National Park of Maremma (Tuscany), Italy, 103
Native trees, direct seeding, 1006
Nearshore
  deflation plains, 134
  profile, 776
  sediment transport model, 786*ff*
  shelf facies, 497
Nearshore-inner shelf bedforms, 499, 728
Nearshore-shelf
  facies, 727
  morphology, 499, 728
  sediment exchange, 512
Nearshore-surfzone system limits, 726
Nemuro Bay, Japan, 851
Net erosion rate, 719
New Zealand Oceanographic Institute, 48
Nile Delta, Egypt, 911
Nile River, Egypt
  clays, sources, 923
  distributaries, 914
  littoral cell, 913
  sediments, clay mineral distributions, 911*ff*
NIMBUS 7 satellite, 194
Nodal point, sand transport, 322
Non-cohesive, coarse-grained sediments, 1000
Norderney, Germany, 447
Norfolk, England, UK, 1009
Northeaster, coastal storm, 234
Numerical classification, cluster analysis, 173
Numerical modeling studies, 698
Nyquist frequency, 902

O

Oakley, Hamford Water, UK, 247
Ocean
  flow field, 124
  level, changes in, 797
Offshore
  aeolian transport, 664*ff*
  bars, 726
  sand transport, 658
  sediments, 813
  wind speeds, 676
Okinawa, Japan, 852
Ombrone River, Italy, 103
Onega Bay, White Sea, 824
Open coast surges, 112
Ordination, non-metric multidimensional scaling, 173
Organochlorine contamination of coasts, 246*ff*
Orlanski radiation condition, 114
Oscillatory surge, 119
Otzumer Balje, Frisian Islands, North Sea, 271
Outer Banks, North Carolina, USA, 420
Overstepping, of coastal barriers, 598
Overtopping, 594
Overwash, 232

P

Pacific Polar Front, 431
Pacific rim marshes, 857
Pakiri-Mangawhai coast, New Zealand, 496, 726
Palaeolithic artefacts, 160
Palafoia lindenii (Gray), 408
Paleo-beachface sediments, 962
Paleo-valley, 164
Paleocatena, 605
Paleoecological indicators, 977
Paleoenvironmental interpretation, 528
Paleogeographic reconstruction, 168
Paleoseismic research, 99
Paleoshoreline, 955
Paleosol, 605
Palynology, 931
Panama City, Florida, USA, 789
Panicum, 136
Paralic ecosystems, 256*ff*
Parallel-laminated sands, 163
Parana River, South America, 430
Parapionosyllis longicirrata, 341
Particle size analysis
  procedure, 251, 400
  distribution, dunes, 607
Passive erosion, seawalls, 692
Peat, in depressions, 609
Perdido Key, Florida, USA, 326
Phenotype plasticity, 137
Phytoplankton, 258
Piezometer, 634
Plankton, 869
Plant biomass, on sand dunes, 410
Plantago australis, 136
Playa Honda Shoals, Argentina, 430
Plunging breaker, 241
PN, particulate organic nitrogen, 212
Podzol soils, 161
Polish coast, 484
PP, particulate organic phosphate, 212
Pore water pressure, beach watertable, 634
Port Isabel-South Bay area, Texas, USA, 64
Portland Bill, England, UK, 774
Promontories, 72
Puget Sound, USA, 852
Pyrite diagenesis, 521

R

Radar systems, 961
Radiocarbon age, beach ridges, 14
Raised beach, 908
Reactivation surfaces, dune sands, 163
Recumbent spits, 802
Red Sea, 70
Redi, west coast of India, 205
Reedswamp, 567
Reef chain, 765
Reefal sands, 153
Reflectance, coastal water, 993
Reflection coefficient, seawall, 703
Reflective beaches, 11, 134
Refuge
  eatout surveys, marshes, 472
  marsh, 463
Regime Method, 173
Regime, hydrodynamic, 442
Regional eustasy, 795
Relative growth rate, sand dune plants, 413
Relative sea levels, 862
Remote sensing
  AVHRR, 18
  Black mangroves, 64*ff*
  marine resources, 193
  systems, 18, 969
  techniques, 984
Reykjavik Harbour, Iceland, 368
Reykjavik, Iceland, 368
Rheometry, 893
Ridge-crest breakdown, 595
Rio Santa, Peru, 1
Rio de la Plata, Argentina, 430
Rip
  channels, 355
  currents, 501
Rippled scour depressions, 152
River Nile clay trends, 920
RMS error, 318
Rollover processes, 305, 597
Root-shoot ratio, sand dune plants, 413
Rosetta Promonotory, Nile Delta, 914
Rottnest Shelf, Western Australia, 761
Royal New Zealand Navy, 48
Runnel, 646

S

Saffir-Simpson scale, viii
Saltating sediment, 648
Saltmarsh
  foraminifera, 851
  sediments, geochemistry, 246, 520, 521, 1009
  vegetation, 246, 571
Samborombon Bay, Argentina, 18
San Bernard National Wildlife Refuge, Texas, USA, 463
Sand
  budgets, 716
  burial, sand dune plants, 413
  dune plants, 406
  fraction, mineralogy of, 876
  grains
    roundness, 1018
    shape, 1017
  mining, 496
  transport direction, 311
  transportation, on dunes, 408
  wars, v
Sand-level changes, subaqueous, 423
Sandwave, 656
Santa Rosa Island, Florida, USA, 789
Satellite
  altimetry, 798
  imagery, coastal studies, 193
  images, 23, 879
SBEACH, program, 704
Schizachyrium scoparium, 408
Scour
  depth, at seawalls, 711
  impact, coastal swimming pools, 186

prediction model, 187
Sculptured bedrock surfaces, 831
Sea level, rapid changes, 797
Sea-floor roughness, 153
Sea-level
change, 1
curve, 908
highstands, Northern Australia, 907
history, Atlantic coasts, 566
reconstruction, 11
rise, 166
stillstand, 208
Sea-surface temperature, SST, 18*ff*
Seaside, Oregon, USA, 965
Seawall tests, at SUPERTANK, 705
Seawalls, effects on the beach, 691*ff*
Secchi disk, depth, 215
Sediment budgets, 305
Sediment
bypassing, 304
deposition, patterns, 657
discharge, fluvial, 28
entrainment, 717
loading, 580
mapping, 1001
particles, hydrodynamic properties, 454
supply
differential, 791
to barriers, 599
tracing experiments, 396
transport
coefficients, 704
equations, 658
offshore, 157
Sediment-filled sinkhole, 953
Sedimentary
indicators, sea level, 842
records, signals in, 901
texture, beach, 449
Seedling response, on sand dunes, 406
Seiche, 1027
Seismic
profiles, seabed, 203, 954
signatures, 206
reflection profiles, 151
Senecio reflexus, 136
Sequence stratigraphy, 801
Shallow water waves, 477*ff*
Shear
stress, bottom friction, 433
velocity, dune sediment, 648
Shelf
dynamics, 79
surge histories, 125
waters, thermal fluctuations, 22
Shelfbreak, 148
Shields parameter, 649
Shingle
beach, 774
compartment, 780
Shoal or buffer zone, 403
Shoal, swash bar, 447
Shoaling waves, 515
Shore description, 1029
Shore plant communities, 133
Shore types, 1028
Shore-oblique orientation, bars, 43
Shoreface ridge sediments, 144, 403
Shoreface-connected ridges, 38, 141*ff*
Shoreline
ancient, 824
detection, 313
displacement, 815
rate-of-change values, 297
regression, v
retreat, 718
trends, 298
Sidescan-sonar system, 149
Significant-wave analysis, 720
Sinai coasts, 70
Sinkhole, sediment-filled, 953
Sinking depths, beach sediments, 1000
Skallingen, Denmark, 271
Slump structures, dune sands, 165
Soil-water regimes, 605
Solidago sempevirens, 406
Sommerfield gravity wave radiation, 114
Soundside erosion, 229
South Atlantic Bight, North America, 79
Southeasterlies, winds, 443
Southwestern Australia coast, 748
Spartina, 136
Specific attenuation coefficient, 226
Spectral reflectance, 217
Spiekeroog barrier island, Netherlands, 39, 271
Spit shores, 487
Spits, 73, 486
SPOT satellite imagery, 984
St. Helena Sound, South Carolina, USA, 714
St. Joseph Spit, Florida, USA, 788
Standing wave
model, 625
at seawall, 709
Steep beach, 757
Stepped beaches, 757
Steric effects, sea level, 798
Stiffkey, North Norfolk, UK. 247
Still water surge levels, 237
Storm
assessments, 694
layers, power spectrum analysis, 898
set-up, 168
surge, 354, 1010
Storm-dominated sedimentary deposits, 904
Storm-driven beach change, 426
Storm-surge ebb impact, 237
Storm-wave swash, 236
Strandplain, 960
Stratal pattern, 801
Stratigraphic studies, with GPR, 966
Streamers, sediment transport, 680
Subaerial beach, disturbance during storms, 420*ff*
Subaqueous delta deposits, 941
Subinertial sea-level variations, model for, 84
Submarine
abrasion, 208
seismotectonics, 797
terraces, 209
Subsidence, sea-level change, 980
Subtidal
frequency fluctuations, 79*ff*
shoals, 719
Sulphate reduction, 531
Sumatra Islands, 256
Sunglint, 987
SUPERTANK, experiments, 703
Surf similarity parameter, 240
Surfzone-nearshore morphodynamics, 501, 731
Surging breaker, 240
Suspended sediment, 648
Susyrichium sp., 136
Swash
excursion, 626
zone
processes, 638
sediment transport, 1017
Swash-aligned coastal features, 590
Swell-waves, high energy, 565

T

Tauranga Harbour, New Zealand, 395
Tectonic movements, 167, 1025
Tectonoeustasy, 797
Terekhol, India, 205
Terriganous sediments, 155
Tetrapodes, 362
Thermaikos Gulf, Greece, 941
Thermal stratification, coastal waters, 19
Thermoluminescence dating, 834, 935
Thermosalinometer, 19
Tidal
amplitude, 368
channels, 715
deltas, 47*ff*
fluctuations, beach groundwater, 631
inlet, 272, 447
inlets, impacts of, 294*ff*
marsh, progradation, 99
prism, 304
sediments, 271
surge levels, 368
wave, 432
Tide water, in marshes, 465
Tide, storm surge models, 433
Tomales Bay, California, USA, 90
Toe scour, at seawall, 692
Tombolo, 9, 323, 761
Topographic profile, 4
Total organic carbon (TOC), 249
Trace elements, environmental change, 520
Trachypogon gouini, 408
Transgressive shoreline, 594
Transitional bed sediments, 1002
Transverse, bar, 600
Trapping rates, 675
Trochammina macrescens, 856
Tropical storms, hurricanes, 463
Tsunami, 576
Tsunami, geomorphic signature, 823
Turbulence-closure scheme, 644
Turbulent viscosity, 435
Typhoon, origins, 819
Typic Haplaquoll, 463

U

Udden-Wentworth scale, 249
Updrift inlet shoreline trends, 302
Uprush levels, 1020
Upwelling, downwelling irradiance, 212
Uruguay River, South America, 430

V

Vertical cylindrical trap, 665
Video data, for water quality, 969
V-shaped traps, 675

W

Wadis, 70
Wangerooge, Netherlands, 39
Water analysis, remote sensing of, 108
Wave
  base, 733
  climate, 11
  diffraction, 771
  field, 624
  flume, 241
  parameters, 716
  records, 1013
  reflection coefficient, 240, 478
  refraction, 771
  set-up, 368
  tank experiment, 1019
  transformation, 477*ff*
  transformation, 702
Wave-cut notches, 1030
Wave-dominated morphology, 297
WAVENRG model, 717
Weed control, 1006
Weighted Pair Group Method Arithmetic, 134
Western Polish coast, 484
White Sea, 824
Willapa Washington, USA, 965
Wind
  field, coastal dunes, 643
  forcing, 116
  wave attenuation, over saltmarsh, 1009
Wind-driven coastal currents, 913
Wind-speed profiles, dunes, 644
Winter storms, impact on beaches, 421
Wrack line, 237

X

X-radiographs, of sediments, 90
X-ray diffraction analysis, 908

Y

Yellow Sea, 817

Z

Zeiss Auto Level, 423

Outside Reviewers 1996

The Associate Editors of the *JCR* have the responsibility of conducting the review process, including the selection of reviewers, evaluation of manuscripts in the light of review comments, and making recommendations to the Editor-in-chief concerning the ultimate disposition of manuscripts. Authors of potential articles in the *Journal of Coastal Research* will find significant representation of their specialties on the Editorial Board. Because we also frequently receive reviews from specialists outside of our own board, we acknowledge with thanks the following reviewers who have vetted papers submitted to the *Journal*. Their interest and cooperation are appreciated.

Johnathan Atwood
Avian Conservation Division
Manomet Observatory for Conservation of Sciences
P.O. Box 1770
Manomet, Massachusetts

John Boon
Department of Physical Sciences
Virginia Institute of Marine Science
College of William & Mary
Gloucester Point, Virginia

Andrew Brill
Program for the Study of Developed Shorelines
Duke University
Durham, North Carolina

Norbert Dankers
IBN-DLO
Department of Aquatic Ecology
P.O. Box 167
Den Burg, The Netherlands

Steve F. DiMarco
Department of Oceanography
Texas A&M University
College Station, Texas

David Fischer
Graduate College of Public Policy Administration
California State University
Long Beach, California

Carl T. Friedrichs
School of Marine Sciences
Virginia Institute of Marine Science
College of William & Mary
Gloucester Point, Virginia

James Gosselink
Center for Coastal, Energy and Environmental Resources
Louisiana State University
Baton Rouge, Louisiana

Al Hine
Department of Marine Science
University of South Florida
St. Petersburg, Florida

Earl McCoy
Department of Biology
University of South Florida
Tampa, Florida

Stephen A. Norton
Department of Geological Sciences
University of Maine
Orono, Maine

Eric Strauss
Biology Department
University of Massachusetts, Harbor Campus
Boston, Massachusetts

Richard Stumpf
Center for Coastal Study
U.S. Geological Survey
600 4th Street South
St. Petersburg, Florida

W.H. van der Putten
Netherlands Institute for Ecological Research
Posbus 40
Heteren 6666ZG, The Netherlands

A.T. Williams
School of Applied Sciences
University of Glamorgan
Pontypridd, Mid-Glamorgan
Wales, UK