

- J. Env. Engg. Journal of Environmental Engineering
- J. Fluid Mech. Journal of Fluid Mechanics
- J. Hydr. Div. Journal of the Hydraulic Division
- J. Hydr. Engg. Journal of Hydraulic Engineering
- J. Hydr. Res. Journal of Hydraulic Research
- J. Hydrol. Journal of Hydrology
- J. Geophys. Res. Journal of Geophysical Research
- J. Geophys. Res. Oc. Journal of Geophysical Research (Oceans and Atmospheres)
- J. Marine Env. Engg. Journal of Marine and Environmental Engineering
- J. Meteorol. Journal of Meteorology
- J. Phycol. Journal of Phycology
- J. Phys. Oceanogr. Journal of Physical Oceanography
- J. Sed. Petrol. Journal of Sedimentary Petrology
- JWPCF Journal of Water Pollution Control Federation
- J. Wat. Harb. Coastal Engg. Journal of the Waterways, Harbours and Coastal Engineering
- Limnol. Oceanogr. Limnology and Oceanography
- Mar. Biol. Marine Biology
- Microb. Ecol. Microbiological Ecology
- Mon. Not. Roy. Astron. Soc. Monthly Notice of the Royal Astronomical Society
- Num. Meth. Partial Diff. Equations Numerical Methods for Partial Differential Equations
- Phil. Trans. Roy. Soc. Lon. Philosophical Transactions of the Royal Society of London
- Proc. Instn. Civ. Eng. Proceedings of the Institution of Civil Engineers
- Proc. Lon. Math. Soc. Proceedings of the London Mathematical Society
- Proc. Roy. Soc. Lon. Proceedings of the Royal Society of London
- Quart. J. Roy. Meteo. Soc. Quarterly Journal of the Royal Meteorological Society
- Reviews of Geophys. Reviews of Geophysics
- Stochastic Hydrol. Hydr. Stochastic Hydrology and Hydraulics
- Trans. Instn. Chem. Engg. Transaction of the Institution of Chemical Engineering
- Wat. Res. Water Research
- Wat. Resources Res. Water Resources Research
- Wat. Sci. Tech. Water Science and Technology

8.2 LIST OF REFERENCES

1. **Abraham G.**, (1963), *Jet diffusion in stagnant ambient fluid*, Delft Hydraulics Laboratory, Publication 29, Series 1, Group 4, Section 14.42.
2. **Abraham G. and Eysink W.**, (1968), *Jets issuing into a fluid with a density gradient*, J. Hydr. Res., **7**, 145-147.
3. **Abraham G.**, (1976), *Density currents due to differences in salinity*, in "Salt distribution in estuaries", Rijkswaterstaat Comm. no 26, Government Publishing Office, The Hague, The Netherlands.
4. **Adams E. and Stolzenbach K.**, (1977), *Comparison of alternative diffuser designs for the discharge of heated water in shallow receiving waters*, Proc. 1st. Conf. Waste Heat Management and Utilization, Lee S. and Sengupta S. (eds.), II-C, 171-189, Coral Gables, USA.
5. **Ahlstrom S., Foote H., Arnett R., Cole C. and Serne R.**, (1977), *Multicomponent mass transport model: theory and numerical implementation*, Report BNWL 2127, Battelle, Pacific Northwest Lab., Richmond, Washington.
6. **Albaigés J.**, (1989), *Marine Pollution: an introduction*, in "Marine Pollution", Albaigés J. (ed.), Hemisphere Pub. Corp., USA.
7. **Allen C.**, (1982), *Numerical simulation of contaminant dispersion in estuary flows*, Proc. Roy. Soc. Lon., **A381**, 179-194.
8. **Al-Rabeh A. and Gunay N.**, (1992), *On the application of a particle dispersion model*, Coastal Engg., **17**, 195-210.
9. **Amos C., Bowen A., Huntley D. and Lewis C.**, (1988), *Ripple generation under the combined influence of waves and currents on the Canadian continental shelf*, Continental Shelf Res., **8**(10), 1129-1153.
10. **Andreopoulos J. and Rodi W.**, (1984), *Experimental investigation of jets in a crossflow*, J. Fluid Mech., **138**, 93-127.
11. **Anfossi D.**, (1985), *Analysis of plume rise data from five TVA Steam Plants*, J. Clim. Appl. Met., **24**, 1225-1236.
12. **Anfossi D., Ferrero E., Brusasca G., Marzoratti A. and Tinarello G.**, (1993), *A simple way of computing buoyant plume rise in Lagrangian stochastic dispersion models*, Atmos. Env., **27A**(9), 1443-1451.
13. **Aris R.**, (1956), *On the dispersion of a solute in a fluid flowing through a tube*, Proc. Roy. Soc. Lon. **A235**, 67-77.
14. **Aulenbach D. and Meisheng N.**, (1988), *Studies on the mechanism of phosphorus removal from treated wastewater by sand*, JWPCF, **60**(12), 2089-2094.
15. **Azam F., Fenchel T., Field J., Gray J., Meyer-Reil L. and Thingstad F.**, (1983), *The ecological role of water-column microbes in the sea*, Mar. Ecol. Prog. Ser., **10**, 257-263.
16. **Bahia E.**, (1997), *Estudio numérico-experimental de la dispersión de contaminantes en regiones costeras*, Ph.D. Thesis, Universitat Politècnica de Catalunya, Barcelona, Spain.
17. **Bagnold R.**, (1956), *The flow of cohesionless grains in fluids*, Phil. Trans. Roy. Soc. Lon., **249**(964), 235-297.
18. **Bagnold R.**, (1966), *An approach to the sediment transport problem from general physics*, Geological survey Prof. Paper 422-I, Washington, USA.
19. **Bakker W. and Van Dorn T.**, (1978), *Near-bottom velocities in waves with a current*, Int. Conf. Coastal Engg., 1394-1413.
20. **Banks R.**, (1974), *A mixing-cell model for longitudinal dispersion in open channels*, Wat. Resources Res., **10**, 357-358.
21. **Basco D.**, (1982), *Surf zone currents. 1. State of knowledge*, CERC, Misc. Rep., 82-7, pp. 243.

22. **Battjes J. and Janssen J.**, (1978), *Energy loss and set-up due to breaking of random waves*, Int. Conf. Coastal Engg., 569-587.
23. **Battjes J.**, (1983), *Surf Zone Turbulence*, XX Congress IAHR, Moscow, 137-140.
24. **Batzoglou A., Tompson A. and Dougherty D.**, (1992), *Projection functions for particle-grid methods*, Num. Meth. Partial Diff. Equations, **8**, 325-340.
25. **Beer T.**, (1997), *Environmental Oceanography*, 2nd edition, CRC Marine Science Series, CRC Press, Florida, USA.
26. **Bhattacharya, P.K.**, (1971), *Sediment suspension in shoaling waves*, Ph.D. Thesis, Univ. of Iowa, Iowa, USA.
27. **Bijker E.**, (1971), *Longshore transport computations*, J. Wat. Harb. Coastal Engg. Div., **97**(WW4), 687-701.
28. **Bijker E.**, (1986), *Coastal Engineering, Vol. II*, Lecture Notes, Delft Univ. Technology, Delft, The Netherlands.
29. **Bloem J., Albert C., Bar-Gillissen M., Bermon T. and Cappenberg T.**, (1989), *Nutrient cycling through phytoplankton, bacteria and protozoa in selectively filtered lake Vechten water*, Microb. Ecol., **7**, 199-206.
30. **Bowden K.**, (1983), *Physical Oceanography of Coastal Waters*, Ellis Horward Ltd., Chichester, UK.
31. **Bowen A.**, (1969), *Rip currents, I: theoretical investigations.*, J. Geophys. Res., **74**, 5467-5478.
32. **Bowen A. and Inman D.**, (1969), *Rip currents, II: Laboratory and field observations*, J. Geophys. Res., **74**, 5479-5490.
33. **Bravo J.**, (1985), *Análisis y evaluación de la calidad microbiológica de las aguas costeras*, Ph.D. Thesis, Univ. Autònoma de Barcelona, Barcelona, Spain.
34. **Briggs G.**, (1975), *Plume rise predictions*, in "Lectures on air pollution and environmental impact analysis", American Meteorological Soc., Boston, USA.
35. **Brooks N.**, (1972), *Dispersion in hydrologic and coastal environments*, W. M. Keck Lab. of Hydraulics and Water Resources, California Institute of Technology, Rep. KH-R-29.
36. **Buceta J.**, (1995), *Contaminación del litoral. Efectos y consecuencias*, Jornadas sobre Proyecto, Construcción y Vigilancia de Emisarios Submarinos, CEDEX-MOPTMA, Madrid, Spain.
37. **Cairns J.**, (1955), *The effects of increased temperatures upon aquatic organisms*, Proc. 10th Purdue Ind. Wastes Conf., Lafayette, Indiana (USA).
38. **Calathas J.**, (1970), *Contribution à l'étude de la réflexion de la lumière du jour à la surface de la mer*, Thèse 3ème cycle, Université de Paris VI, Paris, France.
39. **Calkins J. and Barcelo J.**, (1982), *Action spectra*, in "The Role of UV Radiation in Marine Ecosystems", J. Calkins (ed.), Proc. NATO Conference, Plenum Press, N.Y., 143-150.
40. **Capblanq J.**, (1990), *Nutrient dynamics and pelagic food web interaction in oligotrophic and eutrophic environments: an overview*, in "Fluxes between trophic levels and through water-sediment interface", Bonin J. and Gollerman H. (eds.), Academic Press, 1-12.
41. **Carpenter E.**, (1983), *Nitrogen Fixation by Marine Oscillatoria (Trichodesmium) in the Worlds Oceans*, in "Nitrogen in the Marine Environment", Carpenter E. and Capone D. (eds.), Academic Press, 65-103.
42. **Casulli V. and Stelling G.**, (1996), *Simulation of three-dimensional, non-hydrostatic free-surface flows for estuaries and coastal seas*, Proc. 4th Int. Conf on Estuarine and Coastal Modelling, San Diego, California, Spaulding M. and Cheng R. (eds.), 1-12.
43. **Cederwall K.**, (1968), *Hydraulics of marine waste water disposal*, Hydraulics Division Report No. 42, Chalmers Institute of Technology, Göteborg, Sweden.
44. **CEDEX**, (1993), *Caracterización de sedimentos y propuesta de gestión de los productos de dragado de la obra 'Muelle de Servicios Auxiliares' en el Puerto de Tarragona*, Centro de Estudios de Puertos y Costas, Madrid.
45. **Chapelle A., Lazure P. and Ménesguen A.**, (1994), *Modelling eutrophication events in a coastal ecosystem. Sensitivity analysis*, Estuarine, Coastal and Shelf Sci., **39**, 529-548.

46. **Charlton J.**, (1985), *Sea outfalls*, in “Developments in hydraulic engineering –3”, Novak, P. (ed.), Elsevier Applied Science Pub., England.
47. **Chatwin P. and Allen C.**, (1985), *Mathematical models of dispersion in rivers and estuaries*, Ann. Rev. Fluid Mech., **17**, 119-149.
48. **Chaudani G., Marchetti R. and Vighi M.**, (1980), *Eutrophication in Emilia-Romagna coastal waters (North Adriatic sea, Italy): a case history*, Progress. Water Tech., **12**, 185-192.
49. **Chen C. and Rodi W.**, (1976), *A review of experimental data of vertical turbulent buoyant jets*, Iowa Institute of Hydraulics Research Rep. No. 193.
50. **Chester R.**, (1989), *Marine geochemistry*, Unwin Hyman Ltd., London.
51. **Chin D.**, (1987), *Influence of surface waves on outfall dilution*, J. Hydr. Engg., **113** (8), pp. 1006-1018.
52. **Chu V. and Goldberg M.**, (1974), *Buoyant forced plumes in a crossflow*, J. Hydr. Div., **100**(HY9), 1203-1214.
53. **Chu V. and Lee J.**, (1996), *General integral formulation of turbulent buoyant jets in cross-flow*, J. Hydr. Engg., **122**(1), 27-34.
54. **Chyan J., Hwung H. and Chang Y.**, (1991), *Wave effects on the mean flow characteristics of turbulent round jets*, in “Environmental Hydraulics”, Lee J. and Cheung Y. (eds.), Balkema, Rotterdam.
55. **Chyan J. and Hwung H.**, (1994), *On the interaction of a turbulent jet with waves*, J. Hydr. Res., **31**(6), pp. 791-810.
56. **Cogan J.**, (1985), *Monte Carlo simulation of a buoyant dispersion*, Atmos. Env., **19**, 867-878.
57. **Coleman N.**, (1970), *Flume studies of the sediment transfer coefficient*, Water Resources Res., **65**(3), 801-809.
58. **Colomer J. and Casamitjana X.**, (1994), *Calculating solar and longwave radiation for a Mediterranean lake under various weather conditions*, Netherlands J. Aquat. Ecol., **28**(2), 143-148.
59. **Crickmore M.**, (1972), *Tracer tests of eddy diffusion in field and model*, J. Hydr. Div., **98**(HY10), 1737-1752.
60. **Dalrymple R.**, (1975), *A mechanism for rip current generation on an open coast*, J. Geophys. Res., **80**, 3485-3487.
61. **Dalrymple R. and Knio O.**, (2001), *SPH modelling of Water Waves*, Int. Conf. Coastal Dynamics, Lund, 779-787.
62. **Davies A.**, (1980), *On formulating a three-dimensional hydrodynamic sea model with arbitrary variation of vertical eddy viscosity*, Comp. Meth. Appl. Mech. Engg., **22**, 187-211.
63. **Davydov L.**, (1989), *The role of surface waves in the transport of pollutants*, Proc. IAHR Congress, Ottawa, 355-359.
64. **Deigaard R., Justesen P. and Fredsøe J.**, (1991), *Modelling of undertow by a one equation turbulence model zone*, J. Coastal Engg., **15**(4), 431-458.
65. **De Vriend H. and Stive M.**, (1987), *Quasi-3D modelling of nearshore currents*, Int. Conf. Coastal Engg., 565-601.
66. **Dimou K. and Adams E.**, (1990), *2-D particle tracking model for estuarine mixing*, Proc. ASCE Estuarine and Coastal Modeling Conference, Newport, USA.
67. **Dimou K.**, (1992), *3-D hybrid Eulerian-Lagrangian / particle-tracking model for simulating mass transport in coastal water bodies*, Ph.D. Thesis, Massachusetts Institute of Technology, USA.
68. **Doneker R. and Jirka G.**, (1990), *Expert system for hydrodynamic mixing zone analysis of conventional and toxic submerged single port discharges (CORMIX1)*, Rep. No. EPA/600/3-90/012, USEPA, Washington D.C., USA.
69. **Droop M.**, (1973), *Some thoughts on nutrient limitation in algae*, J. Phycol., **9**, 264-272.
70. **Dugdale R.**, (1976), *Nutrient cycles*, in “The ecology of the seas”, Cushing and Welsh. (eds.), W.B. Saunders Co., 141-172.
71. **Dyer K. and Soulsby R.**, (1988), *Sand transport on the continental shelf*, Ann. Rev. Fluid Mech., **20**, 295-324.

72. **Edinger J. Brady D. and Geyer J.**, (1974), *Heat exchange and transport in the environment*, Rep No. 14, Electric Power Res. Inst. Pub. No. EA-74-049-00-3, Palo Alto, CA, 125 pp.
73. **Einstein H.**, (1950), *The bed-load function for sediment transportation in open channel flow*, Tech. Bull. No. 1026, US Dept. Agriculture, Washington D.C., USA.
74. **Elder J.**, (1959), *The dispersion of marked fluid in turbulent shear flow*, J. Fluid Mech., **5**, 544-560.
75. **Engelund F. and Fredsoe J.**, (1976), *A sediment transport model for straight alluvial channels*, Nordic Hydrology, **7**, 293-306.
76. **Eppley R.**, (1968), *An incubation method for estimating the carbon content of phytoplankton in natural samples*, Limnol. Oceanogr., **13**, 574-582.
77. **Falconer R.**, (1992), *Flow and water quality modelling in coastal and inland waters*, J. Hydr. Res., **30**(4), 437-452.
78. **Fan L.**, (1967), *Turbulent buoyant jets into stratified or flowing ambient fluids*, W. M. Keck Lab. of Hydraulics and Water Resources, California Institute of Technology, Rep. KH-R-15.
79. **Fan L. and Brooks N.**, (1969), *Numerical solutions of turbulent buoyant jet problems*, W. M. Keck Lab. of Hydraulics and Water Resources, California Institute of Technology, Rep. KH-R-18.
80. **Fernández-Luque R.**, (1974), *Erosion and transport of bed-load sediment*, Dissertation, Krips Repro B.V., Meppel, The Netherlands
81. **Fischer H., List E., Koh R., Imberger J. and Brooks N.**, (1979), *Mixing in inland and coastal waters*, Academic Press, New York,
82. **Flato G.**, (1993), *A particle-in cell sea-ice model*, Atmos. Ocean., **31**(3), 339-358.
83. **Foxworthy J.**, (1968), *Eddy diffusivity and the four-thirds law in nearshore coastal waters*, Univ. So. Calif., Allan Hancock Found. Rep. 68-1, 72 pp.
84. **Fredsøe J. and Deigaard R.**, (1992), *Mechanics of Coastal Sediment Transport*, World Scientific Pub., Singapore.
85. **Gaffen D., Benocci C. and Olivari D.**, (1987), *Numerical modelling of buoyancy dominated dispersal using a Lagrangian approach*, Atmos. Env., **21**(6), 1285-1293.
86. **Gameson A. and Gould D.**, (1974), *Effects of solar radiation on the mortality of source terrestrial bacteria in sea water*, Sea Outfalls, Paper 22, **I**.
87. **Geernaert B., Larsen S., Katsaros K. and Richter K.**, (1986), *Variation of drag coefficient and its dependence on sea state*, J. Geophys. Res., **91**(C6), 7667-7679.
88. **Geldreich E.**, (1966), *Sanitary significance of fecal coliforms in the environment*, U.S. Dept. of the Interior, Publication no. WP-20-3.
89. **Geldreich E., Best L., Kenner B. and Van Donsel D.**, (1968), *The bacteriological aspects of stormwater pollution*, JWPCF, **40**(11), 1861-1872
90. **Geldreich E.**, (1978), *Bacterial populations and indicator concepts in feces, sewage, stormwater and solid wastes in indicators of viruses in water and food*, Berg G. (ed.), Ann Arbor Science Pub., Ann Arbor, MI.
91. **Geyer W.**, (1993), *3-dimensional tidal flow around headlands*, J. Geophys. Res. Oc., **98**(C1), 955-966.
92. **Gibbs R., Mathews M and Link A.**, (1971), *The relationship between sphere size and settling velocity*, J. Sed. Petrol., **41**, 7-18.
93. **Gingold R. and Monaghan J.**, (1977), *Smoothed particle hydrodynamic: theory and application to non-spherical stars*, Mon. Not. Roy. Astron. Soc., **181**, 375-389.
94. **Gingold R. and Monaghan J.**, (1982), *Kernel estimates as a basis for general particle methods in hydrodynamics*, J. Comp. Phys., **46**, 429-453.
95. **Glass J. and Rodi W.**, (1982), *A higher order numerical scheme for scalar transport*, Comp. Meth. Appl. Mech. Engg., **31**, 337-358.
96. **Glekas I.**, (1994), *Application of a three-dimensional model for the prediction of pollutant dispersion in Cyprus coastal waters*, Wat. Sci. Tech., **32** (9-10), 179-187.
97. **Glibert P.**, (1982), *Regional studies of daily, seasonal and size fraction variability in ammonium remineralisation*, Mar. Biol., **70**, 209-222.

98. **Goering, J., Dugdale, R. and D. Menzel.**, (1966), *Estimates of in situ rates of nitrogen uptake by Trichodesmium sp. in the tropical Atlantic Ocean.*, Limnol. Oceanogr., **11**(4), 614-620.
99. **Gould D. and Munro D.**, (1981), *Relevance of microbial mortality to outfall design*, in “Coastal Discharges”, The Institution of Civil Engineers (Thomas Telford Ltd), 45-50.
100. **Grishchenko D.**, (1959), *The dependence of albedo of the sea on the altitude of the sun and disturbance of the sea surface*, Tr. Gl. Geofiz. Obs., **80**, 32-38.
101. **Hall C.**, (1975), *The simulation of particle motion in the atmosphere by a numerical random-walk model*, Quart. J. Meteo. Soc., **101**, 235-244.
102. **Hamada T.**, (1951), *Breakers and beach erosion*, Rep. Transportation Tech. Res. Inst., Ministry of Transportation, No. 1, 165 pp.
103. **Hansen I.**, (1991), *Transport of pollutants in the near field (I)*, Short Course on Computer Modelling in Ocean Engg., Sitges, Spain.
104. **Harrison W.**, (1980), *Nutrient regeneration and primary production in the sea*, in “Primary productivity in the sea”, Falkovski P. (ed.), Plenum Press, 433-460.
105. **Haurwitz B.**, (1948), *Insolation in relation to cloud type*, J. Meteorol., **5**, 110-113.
106. **Havelaar A.**,(ed.), (1991), *Bacteriophages as model viruses in water quality control*, Wat. Res., **25**(5), 529-545.
107. **Heemink A.**, (1990), *Stochastic modeling of dispersion in shallow-water*, Stochastic Hydro. and Hydr., **4**(2), 161-174.
108. **Hecky R. and Kilham P.**, (1988), *Nutrient limitation of phytoplankton in freshwater and marine environments: a review of recent evidence on the effects of enrichment*, Limnol. Oceanogr., **33**, 796-822.
109. **Henderson-Sellers B.**, (1986), *Calculating the surface energy balance for lake and reservoir modelling: a review*, Reviews of Geophys., **24** (3), 625-649.
110. **Hermosilla F., Espino M., García M., Chumbe S. and Sánchez-Arcilla A.**, (1996), *RECODE: Un modelo Q-3D en elementos finitos para el estudio de la contaminación marina*, III Congreso Métodos Numéricos en Ingeniería, Doblaré M., Correas J., Alarcón E., Gavete L., Pastor M. (eds.), SEMNI, 955-964.
111. **Hino M.**, (1973), *Theory of generation of rip currents, Part III, A simplified theory*, Proc. 20th Japanese Conf. Coastal Engg., JSCE, 339-342 (in Japanese).
112. **Holly F. and Useglio-Polatera J.**, (1984), *Dispersion simulation in two-dimensional tidal flow*, J. Hydr. Engg., **110**(7), 905-926.
113. **Holly F.**, (1985), *Dispersion in rivers and coastal waters*, in “Developments in Hydraulic Engineering-3”, Chapter 1, Novak P. (ed.), Elsevier Applied Science Pub., England.
114. **Holstlag A. and van Ulden, A.**, (1983), *A simple scheme for daytime estimates of the surface fluxes from routine weather data*, J. Clim. Appl. Met., **22**(4), 517-529.
115. **Horikawa K.**, (1988), *Nearshore dynamics and coastal processes*, University of Tokio Press, 522 pp.
116. **Horikawa K., Watanabe A. and Katori S.**, (1982), *Sediment transport under sheet flow condition*, Int. Conf. Coastal Engg., 1335-1352.
117. **Huang W. and Spaulding M.**, (1995), *3D model of estuarine circulation and water quality induced by surface discharges*, J. Hydr. Engg., **121** (4), 300-311.
118. **Huang H., Fergen R., Proni J. and Tsai J.**, (1996), *Probabilistic analysis of ocean outfall mixing zones*, J. Env. Engg., **122**(5), 359-367.
119. **Huang H., Fergen R., Proni J. and Tsai J.**, (1998), *Initial dilution equations for buoyancy-dominated jets in current*, J. Hydr. Engg., **124**(1), 105-108.
120. **Hunter J.**, (1987), *The application of Lagrangian particle-tracking techniques to modelling dispersion in the sea*, in “Numerical Modelling-Applications to Marine Systems”, Noye B. (ed.), Elsevier Science Pub. B.V., Amsterdam, 257-269.
121. **Hunter J., Craig P. and Phillips H.**, (1993), *On the use of Random Walk Models with Spatially Variable Diffusivity*, J. Comp. Phys., **106**, 366-376.

122. **Hwang P.A.**, (1985), *Fall velocity of particles in oscillating flow*, J. Hydr. Engg., **111**(3), 485-502.
123. **Hwang R., Chiang T. and Yang W.**, (1995), *Effect of ambient stratification on buoyant jets in cross-flows*, J. Engg. Mech., **121**(8), 865-872.
124. **Ikeda S.**, (1980), *Suspended sediment on sand ripples*, 3rd Int. Symp. on Stoch. Hydr., Tokyo, Japan.
125. **Ikeuchi M. and Onishi K.**, (1983), *Boundary element solutions to steady convective diffusion equations*, Appl. Math. Modelling, **7**, 115-118.
126. **Isoe M., Nishimura H. and Horikawa K.**, (1982), *Theoretical considerations on perturbation solutions for waves of permanent type*, Bull. Fac. Eng. Yokohama Nat. Univ., **31**, 29-57.
127. **Ivanoff A.**, (1977), *Oceanic absorption of solar energy*, in "Modelling and Prediction of the Upper Layers of the Ocean", chap. 5, Proc. of the NATO Advanced Study Institute, Kraus E., (ed.), Pergamon Press, Oxford, UK.
128. **Jackson G. and Williams P.**, (1975), *Importance of dissolved organic nitrogen and phosphorus to biological nutrient cycling*, Deep-Sea Res., **32**, 223-235.
129. **Jirka G. and Doneker R.**, (1991), *Hydrodynamic classification of submerged single-port discharges*, J. Hydr. Engg., **117**(9), 1095-1112.
130. **Jirka G. and Akar P.**, (1991), *Hydrodynamic classification of submerged multiport-diffuser discharges*, J. Hydr. Engg., **117**(9), 1113-1128.
131. **Jirka G. and Lee J.**, (1994), *Waste disposal in the ocean*, in "Water quality and its control", Hino M. (ed.), Hydraulic Structures Design Manual 5, A. A. Balkema, Rotterdam (NL), 193-242.
132. **Jobson H. and Sayre W.**, (1970), *Vertical transfer in open channels*, J. Hydr. Div., **96**(HY3), 703-724.
133. **Juanes J.**, (1995), *Indicadores bacteriológicos. Estudio del T₉₀*, Jornadas sobre proyecto, construcción y vigilancia de emisarios submarinos, MOPTMA, CEDEX, Madrid.
134. **Justic D., Rabalais N. and Turner R.**, (1995), *Stoichiometric nutrient balance and origin of coastal eutrophication*, Marine Pollution Bulletin, **30**(1), 41-46.
135. **Kasten F. and Czepelak G.**, (1980), *Solar and terrestrial radiation dependent on the amount and type of cloud*, Solar Energy, **24**, 177-189.
136. **Kim, D.**, (1999), *Modeling mixing of thermal effluent from multiport diffuser*, Proc. 28th IAHR Congress, Graz, CD-ROM.
137. **Klapper H.**, (1991), *Control of eutrophication in inland waters*, Ellis Horwood Ltd., Chichester, UK, 337 pp.
138. **Knuth D.**, (1981), *Seminumerical Algorithms*, vol. 2 of *The art of computer programming*, Addison-Wesley, Reading, MA.
139. **Koh R. and Brooks N.**, (1975), *Fluid mechanics of wastewater disposal in the ocean*, Ann. Rev. Fluid Mech., **7**, 187-211.
140. **Kolesnikov A., Panteleyev N. and Pisarev V.**, (1964), *Results of direct determination of the intensity of deep turbulent exchange in the Atlantic*, Dokl. Acad. Sci. USSR Earth Sci. Sect., **155**, 3-6.
141. **Komar R. and Gaughan M.**, (1973), *Airy wave theory and breaker height prediction*, Int. Conf. Coastal Engg., 405-418.
142. **Koole R. and Swan C.**, (1994), *The dispersion of pollution in a wave environment*, Int. Conf. Coastal Engg., 3071-3085.
143. **Koutitas C. and O'Connor B.**, (1980), *Modelling three-dimensional wind-induced flows*, J. Hydr. Div., **106**(11), 1843-1865.
144. **Krenkel P. and Novotny V.**, (1980), *Water quality management*, Academic Press, Orlando, FL, USA.
145. **Krylov Y. (ed.)**, (1986), *Veter, volny i morskije porty*, Gidrometeoizdat, Leningrad (in Russian).
146. **Kraus N. and Sasaki T.**, (1979), *Effect of wave angle and lateral mixing on the longshore current*, J. Coastal Engg. in Japan, JSCE, **22**, 59-74.

147. **Kumar N.**, (1983), *Unsteady flow against dispersion in finite porous media*, J. Hydrol., **63**, 345-358.
148. **Lamb R., Hogo H. and Reid L.**, (1979), *A Lagrangian Monte Carlo model of air pollutant transport, diffusion and removal processes*, 4th AMS Symposium on Turbulence, Diffusion and Air Pollution, Reno, Nevada, USA.
149. **Lauder B. and Spalding D.**, (1972), *Lectures in Mathematical Models of Turbulence*, Academic Press.
150. **Lauder B. and Spalding D.**, (1974), *The numerical computation of turbulent flow*, Comp. Meth. Appl. Mech. Engg., **3**, 269-289.
151. **Lee J. and Neville-Jones P.**, (1987), *Initial dilution of a horizontal jet in a crossflow*, J. Hydr. Engg., **113**(5), 615-629.
152. **Lee J. and Cheung V.**, (1990), *Generalized Lagrangian model for buoyant jets in current*, J. Env. Engg., **116**(6), 1085-1106.
153. **Le Méhauté B. and Koh R.**, (1967), *On the breaking of waves arriving at an angle to the shore*, J. Hydr. Res., **5**(1), 67-88.
154. **Liu P. and Mei C.**, (1974), *Effects of a breakwater on nearshore currents due to breaking waves*, MIT Ralph M. Parsons Lab., Rep. No. 192, 265 pp.
155. **Longuet-Higgins M. and Stewart R.**, (1962), *Radiation stress and mass transport in gravity waves with application to "surf beats"*, J. Fluid Mech., **13**, 481-504.
156. **Longuet-Higgins M. and Stewart R.**, (1964), *Radiation stresses in water waves - A physical discussion with applications*, Deep-Sea Res., **11**, 529-562.
157. **Longuet-Higgins M.**, (1970), *Longshore currents generated by obliquely incident sea waves, 1.*, J. Geophys. Res., **75**(33), 6778-6789.
158. **Lorimer G.**, (1986), *The kernel method for air quality modelling - 1. Mathematical foundation*, Atmos. Env., **20**(7), 1447-1452.
159. **Lorimer G. and Ross D.**, (1986), *The kernel method for air quality modelling - II. Comparison with analytic solutions*, Atmos. Env., **20**(9), 1773-1480.
160. **Luhar A. and Britter R.**, (1992), *Random-walk modelling of buoyant plume dispersion in the convective boundary layer*, Atmos. Env., **26A**(7), 1283-1298.
161. **Lumb F.**, (1964), *The influence of clouds on hourly amounts of total solar radiation at the sea surface*, Quart. J. Roy. Meteo. Soc., **90**, 43-56.
162. **Lucy L.**, (1977), *A numerical approach to testing the fission hypothesis*, Astron. J., **82**, 1013-1024.
163. **MacIsaac J. and Dugdale R.**, (1969), *The kinetics of nitrate and ammonia uptake by natural populations of marine phytoplankton*, Deep-Sea Res., **16**, 45-47.
164. **Mancini J.**, (1978), *Numerical estimates of coliform mortality rates under various conditions*, JWPCF, November, 2477-2484.
165. **Mancy K.**, (1986), *The control of pollution from river discharges in the Mediterranean*, Wat. Sci. Tech., **18**, 229-242.
166. **Martínez R., Movellán E., Mösso C., Sierra J.P. and Olivos A.**, (1999), *Pioneer II Field Campaign. Preliminary report*, Research Report RR-LIM/AHC-99-4.
167. **Martínez R., Movellán E., Mösso C., Sierra J.P. and Marotta L.**, (2000), *Pioneer IV Field Campaign. Preliminary report*, Research Report RR-LIM/AHC-00-1.
168. **Massel S.**, (1989), *Hydrodynamics of coastal zones*, Elsevier Oceanographic Series, **48**, Elsevier Science Pub., Amsterdam.
169. **McAlister E. and McLeish W.**, (1969), *Heat transfer in the top millimeter of the ocean*, J. Geophys. Res., **74**, 3408-3414.
170. **McBride G. and Rutherford J.**, (1984), *Accurate modelling of river pollutant transport*, J. Env. Engg., **110**(4), 808-827.
171. **McCarthy J., Taylor W. and Taft J.**, (1977), *Nitrogenous nutrition of the plankton on the Chesapeake Bay. 1. Nutrient availability and phytoplankton preferences*, Limnol. Oceanogr., **22**, 996-1011.

172. **McFetridge W. and Nielsen P.**, (1985), *Sediment suspension by non-breaking waves over rippled beds*, Tech. Rep. UFL/COEL-85/005, Coastal and Oceanographical Engg. Dept., Univ. of Florida, USA.
173. **McNown J. and Lin P.**, (1952), *Sediment concentration and fall velocity*, Proc. 2nd. Midwestern Conf. Fluid Mech., Ohio State Univ., Ohio, USA, 401-411.
174. **Mead C. and Cooper A.**, (1992), *Three-dimensional numerical modelling of coastal hydrodynamics and pollutant dispersal*, II Int. Conf. Hyd. Env. Mod. Coastal, Est. River Waters, Bradford, Ashgate Pub., **1**, 31-41.
175. **Meyer-Peter E. and Muller R.**, (1948), *Formulas for bed-load transport*, Proc. Int. Ass. Hydr. Struct. Res., Stockholm, 39-64.
176. **Moeller J. and Adams E.**, (1994), *Comparison of Eulerian-Lagrangian, Random-walk and hybrid methods of modelling pollutant transport*, Proc. 3rd Int. Conf. Estuarine and Coastal Modelling, Spaulding M, Bedford K, Blumberg A., Cheng R., Swanson C (eds.), ASCE, 609-623.
177. **Monaghan J.**, (1985), *Particle methods for hydrodynamics*, Comp. Phys. Rep., **3**(2), 74-124.
178. **Morton B., Taylor G. and Turner J.**, (1956), *Turbulent gravitational convection from maintained and instantaneous source*, Proc. Roy. Soc. Lon., **A234**, 1-23.
179. **Mujeriego R.**, (1989), *Estudio del saneamiento de las zonas costeras de Cambrils y Vilaseca-Salou*, Internal Report, DEHMA, UPC, Barcelona.
180. **Murray S.P.**, (1970), *Settling velocities and vertical diffusion of particles in turbulent water*, J. Geophys. Res. **75**(9), 1647-1654.
181. **Murthy C. and Kuehnel R.**, (1988), *A coastal transport model for marine outfalls*, in "Computer Modelling in Ocean Engineering", Schrefler and Zienkiewicz (eds.), Balkema, Rotterdam, 385-391.
182. **Nadaoka K and Hirose B.**, (1986), *Modelling of diffusion coefficient in the surf zone based on the physical process of wave breaking*, Proc. 33rd Japan Conf. On Coastal Engg., 26-30.
183. **Nagakawa H. and Tsujimoto T.** (1980), *Sand bed instability due to bed-load motion*, J. Hydr. Div., **106**(HY12).
184. **Nap E. and Van Kampen A.**, (1988), *Sediment transport in irregular non-breaking waves*, Coastal Eng. Dep., Delft Univ. of Technology, Delft, The Netherlands.
185. **Nguyen K., Noonan J., Galbally I. and Physick W.**, (1997), *Predictions of plume dispersion in complex terrain: Eulerian versus Lagrangian models*, Atmos. Env., **31**(7), 947-958.
186. **Nielsen P.**, (1979), *Some basic concepts of wave sediment transport*, Series Paper No. 20, ISVA, Technical Univ. of Denmark, Denmark.
187. **Nielsen P.**, (1984), *On the motion of suspended sand particles*, J. Geophys. Res., **89**(C1), 616-626.
188. **Nielsen P.**, (1992), *Suspended sediment particle motion in coastal flows*, Int. Conf. Coastal Engg., 2407-2416.
189. **Nielsen P.**, (1992), *Coastal Bottom Boundary Layers and Sediment Transport*, Advanced Series on Ocean Engg. – 4, World Scientific, Singapore.
190. **Nikuradse, J.**, (1933), *Strömungsgesetze in Rauhen Rohren*, Arb. Ing. Wesen, No. 361, Germany.
191. **Nixon S.**, (1981), *Remineralization and nutrient cycling in coastal marine ecosystems*, in "Estuaries and Nutrients", Neilson B. and Cronin E. (eds.), Humana Press, New Jersey, USA.
192. **Nixon S.**, (1995), *Coastal marine eutrophication: a definition, social causes, and future concerns*, Ophelia, **41**, 199-219.
193. **Noda E.**, (1974), *Wave-induced nearshore circulation*, J. Geophys. Res., **79**, 4097-4106.
194. **Noye B.**, (1986), *Time-splitting the one-dimensional transport equation*, in "Numerical Modelling-Applications to Marine Systems", Noye B. (ed.), Elsevier Science Pub. B.V., Amsterdam, 270-295.
195. **O'Connor B. and Nicholson J.**, (1988), *A three-dimensional model of suspended particulate sediment transport*, Coastal Engg., **12**, 157-174.

196. **Ogata A. and Banks R.**, (1961), *A solution of the differential equation of longitudinal dispersion in porous media*, Prof. Paper No. 411-A, USGS, Washington D.C., USA.
197. **Okayasu A.**, (1989), *Characteristics of turbulence structure and undertow in the surf zone*, Ph.D. Thesis, Tokio University, Japan, 119 pp.
198. **Okoye J.**, (1970), *Characteristics of transverse mixing in open channel flows*, Rep. No. KH-R-23, Keck Hydraulics Laboratory, California Institute of Technology, USA.
199. **Oliver D.**, (1961), *The sedimentation suspension of closely sized spherical particles*, Chem. Engg. Sci., **15**, 230-242.
200. **Ostendorf D. and Madsen O.**, (1979), *An analysis of longshore currents and associated sediment transport in the surf zone*, MIT Rep., Sea Grant, 79-13,169 pp.
201. **Ozmidov R.**, (1965), *Turbulent exchange in a stably stratified ocean*, Acad. Sci. USSR Atmos. Oceanogr. Phys., **1**, 493-497.
202. **Ozmidov R.**, (1990), *Diffusion of Contaminants in the Ocean*, Oceanographic Sciences Library, Kluwer Academic Press, NL.
203. **Paerl H.**, (1995), *Coastal eutrophication in relation to atmospheric nitrogen deposition: current perspectives*, Ophelia, **41**, 237-259.
204. **Papanicolaou P.**, (1984), *Mass and momentum transport in a turbulent buoyant axisymmetric jet*, Ph.D. Thesis, W. M. Keck Lab. of Hydraulics and Water Resources, California Institute of Technology, USA.
205. **Park S. and Miller K.**, (1988), *Communications of the ACM*, **31**, 1192-1201.
206. **Parsons T.**, (1975), *Particulate organic carbon in the sea*, in "Chemical Oceanography", Riley J. and Skirrow G. (eds.), Academic Press, **2**, 365-383.
207. **Pavia E. and Cushmanroisin B.**, (1988), *Modeling of oceanic fronts using a particle model*, J. Geophys. Res. Oc., **93**, 3554-3562.
208. **Peavy H., Rowe D. and Tchobanoglous G.**, (1985), *Environmental Engineering*, McGraw-Hill, NY, USA.
209. **Perrie W. and Wang L.**, (1995a), *A coupling mechanism for wind and waves*, J. Phys. Oceanogr., **25**, 615-630.
210. **Perrie W. and Wang L.**, (1995b), *On the overdetermination of friction velocity (u_*)*, J. Phys. Oceanogr., **25**, 2177-2178.
211. **Petrenko A., Jones B. and Dickey T.**, (1998), *Shape and initial dilution of Sand Island, Hawaii sewage plume*, J. Hydr. Engg., **124**(6), 565-571.
212. **Pivovarov, A.**, (1972), *Thermal conditions in freezing lakes and reservoirs*, John Wiley, New York.
213. **Pond S. and Pickard G.**, (1989), *Introductory Dynamical Oceanography*, Pergamon Press, Oxford, UK.
214. **Press W., Flannery B., Teukolsky S. and Vetterling W.**, (1992), *Numerical Recipes (FORTRAN version)*, Cambridge University Press, UK.
215. **Proctor R., Flather R. and Elliot A.**, (1994), *Modeling tides and surface drift in the Arabian Gulf – application to the gulf oil-spill*, Continental Shelf Res., **14**(5), 531-545.
216. **Rhodin H., Muller M. and Wolfe C.**, (1982), *Impurity redistribution during epitaxial growth*, J. Electronic Materials, **11**, 517.
217. **Richardson J. and Zaki W.**, (1954), *Sedimentation and Fluidisation. Part 1*, Trans. Instn. Chem. Engg., **32**, 35-53,
218. **Richardson K.**, (1990), *Eutrophication in the Baltic. An overview of the problem*, in "Eutrophication-related phenomena in the Adriatic sea and in other Mediterranean coastal zones", Barth H and Fegan L (eds), Water Pollution Report **16**, 149-167.
219. **Riley J. and Chester R.**, (1971), *Introduction to marine chemistry*, Academic Press, London, UK,
220. **Roberts P.**, (1979), *Line plume and ocean outfall dispersion*, J. Hydr. Div., **105**(4), 313-331.
221. **Roberts P.**, (1987), *Initial dilution prediction for ocean outfalls*, in "Marine Disposal of Wastewater", Ludwig R. and Almeida S. (eds.), Pergamon Press, 121-130.

222. **Roberts P., Snyder W. and Baumgartner D.**, (1989a), *Ocean outfalls I: Submerged wastefield formation*, J. Hydr. Engg., **115**(1), 1-25.
223. **Roberts P., Snyder W. and Baumgartner D.**, (1989b), *Ocean outfalls II: Spatial evolution of submerged wastefield*, J. Hydr. Engg., **115**(1), 26-48.
224. **Roberts P., Snyder W. and Baumgartner D.**, (1989c), *Ocean outfalls III: Effect of diffuser design on submerged wastefield*, J. Hydr. Engg., **115**(1), 49-70.
225. **Roberts P.**, (1994), *Jets and plumes and ocean outfall design*, in "Recent Advances in the Fluid Mechanics of Turbulent Jets and Plumes", Davies P. and Valente Neves M. (eds.), NATO ASI Series, Kluwer Academic Pub., 441-464.
226. **Rodi W.**, (1984), *Turbulence models and their application in hydraulics*, State-of-the-art paper, IAHR.
227. **Rodriguez A.**, (1997), *Estudio experimental de la hidrodinámica en zona de rompientes*, Ph.D. Thesis, Universitat Politècnica de Catalunya, Barcelona, Spain.
228. **Rodriguez A., E. Bahia, M. Díez, A. Sánchez-Arcilla, J.M. Redondo, and M. Mestres**, (1997), *Experimental Study of Mixing Processes Using Images*, Int. Conf. Coastal Dynamics, 395-404.
229. **Rouse H., Yih C-S. and Humphreys H.**, (1952), *Gravitational convection from a boundary source*, Tellus, **4**, 201-210.
230. **Runkel R.**, (1996), *Solution of the advection-dispersion equation: continuous load of finite duration*, J. Env. Engg., **122**(9), 830-832.
231. **Ryther J. and Dunstan W.**, (1971), *Nitrogen, phosphorus, and eutrophication in the coastal marine environment*, Science, **171**, 1008-1013.
232. **Sánchez-Arcilla A. and Lemos C.**, (1990), *Surf zone hydrodynamics*, Pineridge Press.
233. **Sánchez-Arcilla A., Collado F., Lemos C. and Rivero F.**, (1990), *Another quasi-3D model for surf-zone flows*, Int. Conf. Coastal Engg., 316-329.
234. **Sánchez-Arcilla A., Collado F. and Rodriguez A.**, (1992), *Vertically varying velocity field in Q3D nearshore circulation*, Int. Conf. Coastal Engg., 2811-2824.
235. **Sánchez-Arcilla A., Rodriguez A., Santás J., Redondo J.M., Gracia V., Kuznetsov S., K'osyan R. and Mösso C.**, (1997), *Ebro Delta nearshore hydromorphodynamics*, Int. Conf. Coastal Dynamics, 556-565.
236. **Sánchez-Arcilla A., Rodriguez A and Mestres M.**, (1998), *A three-dimensional simulation of pollutant dispersion for the near- and far-field in coastal waters*, J. Marine Env. Engg., **4**, 217-243.
237. **Sasaki T. and Horikawa K.**, (1975), *Nearshore current system on a gently sloping bottom*, Coastal Engg. in Japan, **18**, 123-142.
238. **Sasaki T.**, (1978), *Predictive models of nearshore currents*, Proc. 25th Japanese Conf. Coastal Engg., JSCE, Symposium on Prediction of Beach Deformation, 1-8 (in Japanese).
239. **Seo I. and Cheong T.**, (1998), *Predicting longitudinal dispersion coefficient in natural streams*, J. Hydr. Engg., **124**(1), 25-32.
240. **Shadrin I.**, (1972), *Techeniya beregovoy zony bezprilivnogo morya*, Izd. Nauka, Moskva (in Russian).
241. **Sharp J.**, (1986), *The effects of waves on buoyant jets*, Proc. Instn. Civ. Engrs., part 2, **81**, 471-475.
242. **Shields A.**, (1936), *Anwendung der Aehnlichkeitsmechanik und Turbulenzforschung auf die Geschiebebewegung*, Mitt Preuss Versuchsanstalt fur Wasserbau und Schiffbau, No. 26, Berlin.
243. **Smith J. and McLean S.**, (1977), *Spatially averaged flow over a wavy surface*, J. Geophys. Res., **82**(12), 1735-1746.
244. **Smith S.**, (1984), *Phosphorus versus Nitrogen limitation in the marine environment*, Limnol. Oceanogr., **29**, 1149-1160.
245. **Smith J. and Svendsen I.**, (1995), *Modelling time- and depth-varying currents at Supertank*, Int. Conf. Coastal Dynamics, 245-256.
246. **Sobey R.**, (1982), *Numerical alternatives in transient stream response*, J. Hydr. Engg., **10**(6), 749-772.

247. **Soler E. and González J.**, (1994), *Spatial variations of phytoplankton community structure in a highly eutrophiced coast of the Western Mediterranean sea*, Int. Symp. Pollution Med. Sea, IAWQ, 599-608, Cyprus.
248. **Sonu C.**, (1972), *Field observation of nearshore circulation and meandering currents*, J. Geophys. Res., **77**, 3232-3247.
249. **Spaulding M. and Pavish D.**, (1984), *A three-dimensional numerical model of particulate transport for coastal waters*, Continental Shelf Res., **3**(1), 55-67.
250. **Stefan H.**, (1984), *Lake and reservoir eutrophication: prediction and protection*, in "Water Quality and Control", Hino M. (ed.), Hydraulic Structures Design Manual 5, A.A. Balkema, Rotterdam (NL), 45-76.
251. **Sunamura T.**, (1983), *Determination of breaker height and depth in the field*, Ann. Rep., Inst. Geosci., Univ. Tsukuba, No. 8, 53-54.
252. **Svendsen I. and Putrevu U.**, (1994), *Nearshore mixing and dispersion*, Proc. Roy. Soc. Lon., **A445**, 561-576.
253. **Swart D.H.** (1974), *Offshore sediment transport and equilibrium beach profiles*, Rep. No. 131, Delft Hydr. Lab., Delft, The Netherlands.
254. **Taylor G.**, (1921), *Diffusion by continuous movements*, Proc. Lon. Math. Soc., **A20**, 196-211.
255. **Tennekes H. and Lumley J.L.**, (1987), *A first course in turbulence*, MIT Press
256. **Thomann R. and Mueller J.**, (1987), *Principles of surface water quality modeling and control*, Harper and Row Publishers, New York, USA..
257. **Thornton E.**, (1970), *Variation of longshore currents across the surf zone*, Int. Conf. Coastal Engg., 291-308.
258. **Thornton E. and Guza R.**, (1986), *Surf zone longshore currents and random waves: field data and models*, J. Phys. Oceanogr., **16**(7), 1165-1178.
259. **Tompson A. and Dougherty D.**, (1988), *On the use of particle tracking methods for reacting flows in porous media*, Comp. Meth. Subsurface Wat. Resources, Vol. 2, Numerical Methods for Transport and Hydrologic Processes, Celia *et al.* (eds.), 227-232.
260. **Tompson A. and Gelhar L.**, (1990), *Numerical simulation of solute transport in three-dimensional, randomly heterogeneous porous media*, Wat Resources Res., **26**(10), 2541-2562.
261. **Tsanis I. and Valeo C.**, (1994), *Mixing zone models for submerged discharges*, Environmental Hydraulics Vol. I, Computational Mechanics Pub., Southampton, UK.
262. **Tsirtis G.**, (1995), *A simulation model for the description of a eutrophic system with emphasis on the microbial processes*, Wat. Sci. Tech., **32**(9-10), 189-196.
263. **USEPA**, (1987), *The enhanced stream water quality models: QUAL2E and QUAL2E-UNCAS*, USEPA, Environmental Research Lab., Athens, GA, USA.
264. **Van Dam G.**, (1994), *Study of shear dispersion in tidal waters by applying discrete particle techniques*, Mixing and Transport in the Environment, Beven K., Chatwion P. and Millbank J (eds.), John Wiley & Sons, Inc., New York.
265. **Van Dop H.**, (1992), *Buoyant plume rise in a Lagrangian framework*, Atmos. Env., **26A**(7), 1335-1346.
266. **Van Rijn, L.C.**, (1984a), *Sediment transport, Part I: bed load transport*, J. Hydr. Engg., **110**(10), 1431-1456.
267. **Van Rijn, L.C.**, (1984b), *Sediment transport, Part II: suspended load transport*, J. Hydr. Engg., **110**(11), 1613-1641.
268. **Van Rijn, L.C.**, (1989), *Handbook of sediment transport by currents and waves*, Rep. H461, Delft Hydraulics, Delft, The Netherlands.
269. **Van Rijn, L.C.**, (1993), *Principles of sediment transport in rivers, estuaries and coastal seas*, Aqua Publications, The Netherlands.
270. **Varela R.**, (1991), *Análisis y modelización de la capa eufótica en los sistemas oligotróficos*, Ph.D. Thesis, Universitat Politècnica de Catalunya – Centro Superior de Investigaciones Científicas, Barcelona, Spain.

271. **Vattulainen I. and Ala-Nissila T.**, (1995), *Mission impossible: find a random pseudorandom number generator*, *Comp. Phys.*, **9**(5), 500-504.
272. **Visser P.**, (1986), *Wave basin experiments on bottom friction due to currents and waves*, *Int. Conf. Coastal Engg.*, 807-821.
273. **Walsh J. and Dugdale R.**, (1972), *Nutrient submodels and simulation models of phytoplankton production in the sea*, in "Nutrients in natural waters", Allen H. and Kramer J. (eds.), Wiley and Sons, 171-191.
274. **Wang H. and Davidson M.**, (1999), *Modeling merging jets in a co-flowing environment*, *Proc. 28th IAHR Congress, Graz, CD-ROM*.
275. **WHO**, (1982), *Waste discharge into the marine environment; principles and guides for the Mediterranean Action Plan*, Pergamon Press, Oxford, UK.
276. **Williams D., Drummond G., Ford D. and Robey D.**, (1981), *Determination of light extinction coefficients in lakes and reservoirs*, *Proc. Symp. Surface Water Impoundments*, vol 2, 1329-1335, H.G. Stefan (ed.), ASCE, New York, USA..
277. **Wong D.**, (1985), *Buoyant jet entrainment in stratified flows*, Ph.D. Thesis, Univ. of Michigan, Ann Arbor, Michigan, USA.
278. **Wood I., Bell R. and Wilkinson D.**, (1993), *Ocean disposal of wastewater*, *Adv. Series on Ocean Engg.*, Vol 8, World Scientific Pub., Singapore
279. **Wright S.**, (1977), *Mean behaviour of buoyant jets in a crossflow*, *J. Hydr. Div.*, **103**, 499-513.
280. **Wright S.**, (1977), *Effects of ambient crossflows and density stratification on the characteristic behaviour of round turbulent buoyant jets*, *Rep. KH-R-36*, W.M. Keck Lab. of Hydr. and Water Resources., California Inst. of Technol., Pasadena, California, USA.
281. **Wu J. and Tsanis I.**, (1995), *A vertical / horizontal integration wind-induced circulation model (VHI3D): A method for including surface and bottom logarithmic profiles*, *Adv. Wat. Res.*, **18**(2), 77-87.
282. **Yalin M.**, (1977), *Mechanics of sediment transport (2nd edition)*, Pergamon Press, Oxford, UK..
283. **Yamashita T, Tsuchiya Y. and Yoshioka H.**, (1994), *Quasi-three dimensional model for storm surges and its verification*, *Int. Conf. Coastal Engg.*, 609-623.
284. **Zaneveld J. and Spinrad R.**, (1980), *An arctangent model of irradiance in the sea*, *J. Geophys. Res.*, **85**, 4919-4922.
285. **Zannetti P. and Al-Madani N.**, (1983), *Simulation of transformation, buoyancy and removal processes by Lagrangian particle methods*, *Proc. 14th Int. Tech. Meeting on Air Pollution Modelling and its Application*, Copenhagen, September, 733-744.
286. **Zannetti P.**, (1990), *Air Pollution Modeling*, *Comp. Mech. Pub.*, Van Nostrand Reinhold, New York.
287. **Zeidler R.**, (1976), *Coastal dispersion of pollutants*, *J. Wat. Harb. Coastal Engg.*, **102**(WW2), 235-254.
288. **Zyserman J.A. and Fredsoe J.**, (1994), *Data analysis of bed concentration of suspended sediment*, *J. Hydr. Engg.*, **120**(9), 1021-1042.