

Referências Bibliográficas

- Ahr, W. M. (1973). The Carbonate Ramp: an alternative to the shelf model: Trans. Gulf Coast Assoc. Geol. Soc., v. 23, p. 221-225
- Ainger, T., Doyle, M., Lawrence, D.T., Epting, M. E van Vliet, A. (1989). Quantitative modeling of carbonate platforms: some examples. Em: Controls on carbonate platform and basin development, SEPM Spec. Publ., v.44, p.27-37
- Bice, D. (1988). Synthetic stratigraphy of carbonate platform and basin systems. *Geology*, v.16, p.703-706
- Bitzer, K., Salas, R., 2002. SIMSAFADIM: Three dimensional simulation of stratigraphic architecture and facies distribution modeling of carbonate sediments. *Computers & Geoscience* 28, 1177–1192.
- Bosence, D.W.J., Waltham, D. (1990): Computer modelling of the internal architecture of carbonate platforms. *Geology*, 18, 26-30.
- Bosence, D.W.J., Pomar, L., Waltham, D. A. and Lankester, T.H.G. (1994): Computer modelling a Miocene carbonate platform, Mallorca, Spain. *AAPG Bull.*, v.78, 247-266.
- Bosscher, H. & Schlager, W. (1992). Computer simulation of reef growth. *Sedimentology*, v.39, p.503-512.
- Bosscher, H. e Schlager, W. (1992). Computer simulation of reef growth. *Sedimentology*, v. 39, p. 503-512
- Bosscher, S.A. e Vail P.R.(1992). CARBPLAT – a computer model to simulate the development of carbonate platforms. *Geology*, v.20, p.235-238
- Bowman, S.A. e Vail P.R. (1999). Interpreting the stratigraphy of the Baltimore canyon section, offshore New Jersey with PHIL, a stratigraphic simulator. Em: Numerical experiments in stratigraphy: Recent advances in stratigraphic and sedimentologic computer simulations (Ed. Por W. Harbaugh, W.L. Watney, E.C. Rankey, R. Slingerland, R.H., Goldstein and E.K. Franseen) SEPM Spec. Publ. # 62 p.117-138.
- Buigues, D.C. (1997). Geology and hydrogeology of Mururoa and Fangataufa, French Polynesia. In: *Geology and Hydrogeology of Carbonate Islands*, (Ed. by H.L. Vacher & T.M. Quinn), Elsevier Science B.V., Amsterdam, p.433-452.
- Burgess, P.M., Wright, V.P, Emery, D. (2000). Investigating parasequence and sequence formation in peritidal systems using 3D numerical forward modelling. *Abstracts of Applications of numerical modelling in stratigraphy and basin analysis* p.13.
- Burgess, P.M. e Wright, V.P. (2003). Numerical forward modeling of carbonate platform dynamics: an evaluation of complexity and completeness in carbonate strata. *Journal of Sedimentary Research*, v. 73, p. 637-652

Carvalho, C.V.A. (2003) Simulação de transporte e deposição de sedimentos siliciclásticos em ambientes de plataforma, talude e bacia. Tese de Doutorado da Pontifícia Universidade Católica do Rio de Janeiro. 131 pp.

Chalker, B.E., (1981). Simulating light saturation curves for photosynthetics and calcification by reef-building corals. *Marine Biology.*, v. 63, p. 135-141

Chappell, J. (1980). Coral morphology, diversity and reef growth. *Nature* v.286, p.249-252

Cisne, J. L., Gildner, R. F. & Rabe, B. D. (1984). Epeiric sedimentation and sea level: synthetic ecostratigraphy. *Lethaia*, v. 17, p. 267-288.

Davies, P.J. (1983). Reef growth. In: *Perspectives on Coral reefs*: Australian Institute of Marine Science Contribution, (Ed by Barnes, D.J.) #200, p.69-106.

Demicco, R. V. and Spencer, R. J. (1989). MAPS- A BASIC program to model accumulation of platform sediments. *Computers & Geoscience*, v. 15, No. 1, p. 95-105.

Demicco, R. V., Spencer, R. J., Waters, B. B. and Cloyd, K. C. (1991). Two dimensional computer models of a Cambrian shelf deposit. In: *Sedimentary Modeling: Computer Simulations and Methods for Improved Parameter Definition* (Ed. by E. K. Franseen, W. L. Watney, C. G. St. C. Kendall and W. Ross) *Kansas Geol. Surv. Bull.*, 233, p. 463-472.

Dunham, R.J. (1962). Classification of carbonate rocks according to depositional texture. In: *Classification of Carbonate Rocks* (Ed. by W.E. Ham), Mem. Am. Ass. petrol. Geol., v.1,p.108- 121

Enos, P. (1991). Sedimentary parameters for computer modelling In: *Sedimentary Modeling: Computer Simulations and Methods for Improved Parameter Definition* (Ed. by E. K. Franseen, W. L. Watney, C. G. St. C. Kendall and W. Ross) *Kansas Geol. Surv. Bull.*, 233, p. 63-99

Erlick, M. and Read, J. F. (1991). Cyclic ramp-tobasin carbonate deposits, Lower Mississippian, Wyoming and Montana: a combined field and computer modeling study. *J. of Sed. Petrology*, v. 61, No. 7, p. 1194-1224.

Faccion, J.C (2002)., Relatório Interno Cenpes/PETROBRAS, Rio de Janeiro

Ginsburg, R.N & James, N.P. (1974). Spectrum of Holocene reef building communities in the wessern Atlantic, Chapter 7, In, *Principles of Benthic Community Analysis*, A.M. Zeigler, K.R. Walker, E.J. Anderson, and N.P. James, eds., University of Miami, Comparative Sedimentology Laboratory, Sedimenta IV.

Goldhammer, R.K., Dunn, P.A., Hardie, L.A.,(1987). High frequency glacio-eustatic sealevel oscillations with Milankowich characteristics recorded in the middle Triassic platform carbonates in Northern Italy. *Am. J. of Science*, v. 287, p. 853-892.

Goodwin, P.W. & Anderson, E.J. (1985). Punctuated aggradational cycles: a general hypothesis of episodic stratigraphic accumulation. *J. Geol.*, v.93, p.515-536.

Granjeon, D. (1997), "Conception et Applications D'un Modèle Diffusif 3D Multolithologique", Tese de Doutorado, Institut Français du Pétrole, Université Rennes

Graus, R. R., Macintyre, I. G., Herchenroder, B. E., (1984). Computer simulation of the reef zonation at Discovery bay, Jamaica: Hurricane disruption and long-term physical oceanographic controls. *Coral Reefs* v.3, p. 59-63.

Handford, C.R. & Loucks, R.G. (1993).

Carbonate depositional sequences and systems tracts – responses of carbonate platforms to relative sea-level changes. In: *Carbonate Sequence Stratigraphy* (Ed. by R.G. Loucks & J.S. Sarg) *Mem. Am. Ass. Petrol. Geol.*, v.57, p.3- 41.

Haq, B.U., Hardenbol, J., Vail, P.R. (1987). Chronology of fluctuating sea levels since the Triassic. *Science*, v. 235, p.1156-1167

James, N.P. & Mountjoy, E.W. (1983). Shelf slope break in fossil carbonate platforms: an overview. Em: *The Shelf-break: Critical Interface on Continental Margins* (Ed. D.J. Stanley & G.T. Moore) Spec. Publ. Soc. Econ. Paleont. Miner. 33, 189-206

Kendall, C.G.St.C., and W. Schlager, (1981), Carbonates and relative changes in sea level: *Marine Geology* v. 44, p. 181-212. 1980

Koerschner, W. F. and Read, J. F. (1989). Field and modeling studies of Cambrian carbonate cycles, Virginia Appalachians. *J. of Sed. Petrology*, v. 59, No. 4, p. 654-687.

Kukal, Z. (1971). The Geology of recent sediments: Academic Press, London, 490p

Lamdim, P. M., B. (2000), "Texto Didático 2 – Introdução aos Métodos de Estimativa espacial para confecção de mapas", UNESP/Rio Claro

Lawrence, D.T., Doyle, M., Snelson, S. e Horsfield, W.T. (1987). Stratigraphic modeling of sedimentary basins. SEG 57th Anual International Meeting Expanded Abstracts Volume, p. 407-408

Lerche, I., Dromgoole, E., Kendall, C.G.ST.C., Walter, L.M., Scaturo, D.(1987). Geometry of carbonate bodies: A quantitative investigation of factors influencing their evolution. *Carbonates and Evaporites*, v.2, No.1, p. 15-42.

Loreau, J.P. & Purser, B.H. (1973). Distribution and ultra-structure of Holocene ooids in the Persian Gulf. Em: *The Persian Gulf* (Ed. B.H. Purser) pp. 279-328. Springer-Verlag, Berlin

Mathworks Inc, The (2008). Matlab User's Guide, http://www.mathworks.com/help/techdoc/matlab_product_page.html

Nordlund, U. (1996). Formalising geological knowledge – with an example of modeling stratigraphy using fuzzy logic. *J. Sedim. Res.*, v. 66, p.689-698.

Norlund, U. (1999). FUZZIM: forward stratigraphic modelling made simple. *Comput. Geosci.*, v.25, p.449-456.

Osleger, D. and Read, J. F. (1991). Relation of eustacy to stacking patterns of metre-scale cycles, Late Cambrian, U.S.A. *J. of Sed. Petrology*, v. 61, No. 7, p. 1225-1252.

Paola, C. (2000). Quantitative models of sedimentary basin filling. *Sedimentology*, v. 47, p.121-178.

Paulay, G. and McEdward, L.R. (1990). A simulation model of island reef morphology: the effects of sea level fluctuations, growth, subsidence and erosion. *Coral Reefs*, v.9, p.51-62.

Posamentier, H. W. & Vail, P. R. (1988), "Eustatic Control on clastic deposition II – Sequences and systems tracts models.", In: Wilgus, C.K.;Hastings, B.S.; Kendal, C.G.S.C.; "Sea-Level Changes – an Integrated Approach.", Tulsa, SEPM, p. 125-154, (SEPM sp. Pd. #42)

Read, J.F. (1982). Carbonate Platform of passive (extensional) continental margins types, characteristics and evolution. *Tectonophys.* 81, 195-212

Reading, H. G. & Levell, B.K. (1996). Controls on the sedimentary rock record. In: *Sedimentary environments: processes, facies and stratigraphy* (Ed. by H.G. Reading) Blackwell Science, London, p.5-36.

Reading, H. G. (1978), *Sedimentary Environments and Facies*: Elsevier, 557 p.

SADLER, P.M., (1981), Sediment accumulation rates and the completeness of stratigraphic sections: *Journal of Geology*, v. 89, p. 569–584

SADLER, P.M., (1994), The expected duration of upward-shallowing peritidal carbonate cyclesand their terminal hiatuses: *Geological Society of America, Bulletin*, v. 106, p. 791–802

Schlager, W. (1981). The paradox of drowned reefs and carbonate platforms. *Geol. Soc. Of América Bull.*, v.92, p.197-211.

Schlager, W., (2000), Sedimentation rates and growth potential of tropical cool-water, and mudmound carbonate systems, em Insalaco, E., Shelton, P.W., and Palmer, T.J., eds., *Carbonate Platform Systems: Components and Interactions*: Geological Society of London, Special Publication 178, p. 217–228

Smith, S.V. (1983). Coral reef calcification. In: *Perspectives on Coral reefs*: Australian Institute of Marine Science Contribution, (Ed by Barnes, D.J.) #200, p.240-247.

Tucker, M.E. (1985a). Shallow marine carbonate facies and facies models . Em: *Sedimentology: Recent Developments and Applied Aspects* (Ed. P.J. Brenchley e B.P.J. Williams) Spec. Publ. Geol. Soc. Lond. 18, 139-161

Tucker, ME and Wright, VP. (1990). *Carbonate Sedimentology*. Blackwell, 482p

Turcotte, D.L. & Willemann, R.J (1983). Synthetic cyclic stratigraphy. *Earth & Planetary Science Letters*, v.63, p.89-96

Vail, P.R., 1987, *Seismic stratigraphy interpretation procedure*. In: Bally, A.W. (Ed.), *Atlas of Seismic Stratigraphy*, vol. 27. American Association of Petroleum Geologists Studies in Geology, pp. 1–10.

Van Wagoner, J.C., Posamentier, H.W., Mitchum, R.M., Vail, P.R., Sarg, J.F., Loutit, T.S., Hardenbol, J., 1988, *An overview of sequence stratigraphy and key*

definitions. In: Wilgus, C.K., Hastings, B.S., Kendall, C.G.St.C., Posamentier, H.W., Ross, C.A., Van Wagoner, J.C. (Eds.), Sea Level Changes—An Integrated Approach, vol. 42. SEPM Special Publication, pp. 39–45.

Warrlich, G.M.D. (2001) Computer modelling of carbonate platform evolution. Tese de Doutorado, University of London, 268 pp.

Warrlich, G.M.D., Bosence, D., Waltham, D., Wood, C., Boylan, A., Badenas, B. (2008). 3D stratigraphic forward modelling for analysis and prediction of carbonate platform stratigraphies in exploration and production. *Marine and Petroleum Geology*, v. 25, p. 35-58

Watney, W. L., Wong, J.-C. and French, J. A. Jr.(1991).Computer simulation of the UpperPennsylvanian (Missourian) carbonate-dominatedcycles in western Kansas.In: *Sedimentary Modeling: Computer Simulationsand Methods for Improved Parameter Definition*(Ed. by E. K. Franseen, W. L. Watney, C. G. St.C. Kendall and W. Ross) *Kansas Geol. Surv. Bull.*, 233, p. 415-430.

Watney, W.L.; Rankey, E.C. e Harbaugh, W. (1999). Perspectives on stratigraphic simulation models: current aproaches and future opportunities. Em: Numerical experiments in stratigraphy: Recent advances in stratigraphic and sedimentologic computer simulations. Simulations. (Ed. Por W. Harbaugh, W.L. Watney, E.C. Rankey, R. Slingerland, R.H., Goldstein and E.K. Franseen) SEPM Spec. Publ. # 62 p.3-21

Zeller, E.J., and Wray, J.C., 1956. Factors influencing precipitation of carbonates. Amer. Assoc. Petrol. Geologists Bulletin, v. 40, p. 122-139