

CAPÍTULO 8 REFERENCIAS BIBLIOGRÁFICAS.

Aguirre, P. (2000), Proyecto de tratamiento de aguas residuales de Can Suquet. Departamento EHMA, ETSECCPB-UPC.

APHA-AWWA-WPCF (1992). Métodos Normalizados para el Análisis de Aguas Potables y Residuales. Díaz de Santos, S.A. Madrid.

Bear, J. (1972), Dynamics of Fluids in Porous Media. Esevier, New York.

Bronstert, A., Plaate, E.J. (1997): Modelling of Runoff Generation and Soil Moisture Dynamics for Hillslopes and Micro-Catchments. Journal of Hydrology, 198 (1-4), 177-195.

Bronstert, A., Krol, M., Jaeger, A., Güntner, A., Hauschild, M., Döll, P. (2000): Integrated modelling of water availability and management in the semi-arid Northeast of Brazil. Physics and Chemistry of the Earth, 25(3), 27-232.

Bronstert, A., J. Carrera, P. Rabat, S. Lütke-meier (Editors) 2005, Coupled Models for the Hydrological Cycle. Integrating Atmosphere, Biosphere, and Pedosphere. Springer, Barcelona, 342pp.

Caldentey, J. (2005). Simulació numérica i transport reactiu en aiguamolls de flux subsuperficial. Tesina de especialidad. ETSECCP_UPC. 172pp.

Carrera, J. (2005). Contaminación de aguas superficiales. Apuntes de Ingeniería Geoambiental. 13pp.

Castillo, P. A. y Collado, R. (1996). Eliminación de nitrógeno en sistemas naturales de depuración de aguas residuales: análisis comparativo. Retema, 52: 49-55.

Chiva, J. (2002). Comportament hidràulic d'aiguamolls de flux subsuperficial; implicacions cinètiques. Tesina de especialidad ETSECCP-UPC.

Custodio, E., Llamas, M.R. et al (1996), Hidrologia subterránea. Ediciones Omega, Barcelona.

Departamento de Química Industrial. EUITI e ITT, Aguas residuales urbanas. Tratamientos naturales de bajo coste y aprovechamiento. Consejería de Transportes y Obras Públicas. Gobierno Vasco, 30pp.

Elser, J.J., Chrzanowski, T.H., Sterner, R.W., Schampel, J.H. & Foster, D.K. (1995). Elemental ratios and the uptake and release of nutrients by phytoplankton and bacteria in three lakes of the Canadian shield. *Microbial Ecology*, 29, 145-162.

Fetter, C. W. (1988): Applied Hydrogeology: Columbus, Ohio, Merrill Publishing Company, 592 pp.

Fetter, C. W. (1993): Contaminant Hydrogeology. Prentice-Hall, Upper Saddle River, NJ, 500pp.

Fetter, C.W. (2001): Applied Hydrogeology. Prentice Hall. 598 pp.

Freeze, R. A. and Cherry, J. A., 1979, Groundwater: Englewood Cliffs, New Jersey, Prentice-Hall Inc., 604 pp.

Galdames, D. (2000) Ingeniería Ambiental & Medio Ambiente. <http://www.fortunecity.es/expertos/profesor/171/medioambiente.html>. Copyright ©2000

GALASA, 2000. Depuración de aguas residuales mediante humedales artificiales: la EDAR de los gallardos (Almería). Gestión de Aguas del Levante Almeriense, S. A., 14pp.

García, M.; Bécares, E.; Soto, F. y de Luis, E. (1999). Macrófitos en la depuración de aguas residuales. Su función en la eliminación de bacterias. Tecnología del Agua, 185: 64-67.

Helgeson, H.C. & Kirkham, D.H., 1974. Theoretical prediction of the thermodynamic behavior of aqueous electrolytes at high pressures and temperatures. I. Thermodynamic/electrostatic properties of the solvent. Dep. Geol. Geophys., Univ. Calif., Berkeley, CA. 1089pp.

Nowak, O., Franz, A., Svardal, K., Muller, V. & Kuhn, V. (1999). Parameter estimation for activated sludge models with the help of mass balance. *Water Science and Technology*, 39(4), 113-120.

Kneis, D. (2005). TRAM, Short Description of Basic Model Concepts. Institute of Geoecology, 13pp.

Ogata K. (1970): Modern Control Engineering. Prentice Hall.

Peavey, Howard S., Donald R. Rowe, and George Tchobanoglous, 1985. *Environmental Engineering*, McGraw Hill Inc., N.Y

Reichert, P. et al. (2001) River Water Quality Model no.1: II. Biochemical process equations, *Water Science and Technology*, 43(5): 11-30.

Reichert, P. & Borchardt, D. (2001) River Water Quality Model no.1 (RWQM1): Case study I: Compartmentalisation approach applied to oxygen balances in the river Lahn (Germany). *Water Science and Technology*, 43(5): 41-49.

Reichert, P. (2001). River Water Quality Model No 1. (RWQM1): Case study II. Oxygen and nitrogen conversion process in the River Glatt (Switzerland). *Water Science and Technology*, 43(5) 1-9.

Saaltink, M. W. et al, (2005). User's guide RetrasoCodeBright (RCB). Universitat Politècnica de Catalunya & Consejo Superior de Investigaciones Científicas, UPC & CSIC, Barcelona, 107pp.

Shanahan, P., *et al.* (1998). River Water Quality Modelling: II. Problems of the Art. *Water Science and Technology*, 38(11), 245-252.

Steeffel, CI; Lasaga, AC (1994). A coupled model for transport of multiple chemical species and kinetic precipitation/dissolution reactions with application to reactive flow in single phase hydrothermal systems. *American Journal of Science [AM. J. SCI.]*. Vol. 294, no. 5, pp. 529-592.

Streeter, W & Phelps, E.B. (1925), A study of the pollution and natural purification of the Ohio River, Public Health Bull. 146, U.S. Public Health Service, Washington D.C.

Stumm, W. & Morgan, J.J. (1981), *Aquatic Chemistry*, Wiley, New York.

Todd, D. K., 1980, *Groundwater hydrology*: New York, John Wiley and Sons, 535 pp.

Van Cappellen, P. I Gaillard, J-F. (1996). Biogeochemical Dynamic in aquatic sediments. In *Reactive Transport in Porous Media: General principles and application to geochemical processes*. *Reviews in Mineralogy*, 34: 335-376.

Van Cappellen, P. et al. (1993). A surface complexation model of the carbonate mineral-aqueous solution interface. *Geochimica et Cosmochimica Acta* ; Vol/Issue: 57:15, pp. 3505-3518

Vanrolleghem ,P. (1999) *Model Based Control Of Wastewater Treatment Plants*, BIOMATH Department Applied Mathematics.

Vanrolleghem, P. et al. (2001) *River Water Quality Model no.1: III. Biochemical submodel selection*, *Water Science and Technology*, 43(5): 31-40.

Wang, Y & Van Capellen, P. (1996). A multi-component reaction-transport model of early diagenesis: Application to redox cycling in coastal marine sediments. *Geochim. Cosmochim. Acta* 60, 2993-3014.