

REFERENCES

Bergamaschi, B., M. Fram, C. Kendall, S. Silva, G. Aiken, and R. Fujii. 1999. Carbon isotopic constraints on the contribution of plant material to the natural precursors of trihalomethanes. *Organic Geochemistry* 30:835-842.

Boyer, EW, GM Hornberger, KE Bencala, and DM McKnight. 2000. Effects of asynchronous snowmelt on flushing of dissolved organic carbon: a mixing model approach. *Hydrological Processes* 14:3291-3308.

CALFED Bay-Delta Program. 2000. Water quality program plan 2000 [cited July 16 2000]. Available from <http://calwater.ca.gov/Programs/DrinkingWater/DrinkingWaterQualityProgramPlan.shtml>.

Cohn, T.A., Caulder, D.L., Gilroy, E.J., Zynjuk, L.D. and Summers, R.M. 1992. The validity of a simple statistical model for estimating fluvial constituent loads—An empirical study involving nutrient loads entering Chesapeake Bay: *Water Resources Research*, v. 28, no. 9, p. 2353–2363.

Crawford, C.G. 1991. Estimation of suspended-sediment rating curves and mean suspended-sediment loads: *Journal of Hydrology*, v. 129, p. 331–348.

Delta Region Drinking Water Quality Management Plan. June 2005. Available on the internet at <http://ftp.ccwater.com/files/DeltaRegion.pdf>.

Department of Water Resources (DWR). 1995. Estimation of Delta Island Diversions and Return Flows. State of California Department of Water Resources, Division of Planning. February.

Department of Water Resources (DWR). 2004. In-Delta Storage Program State Feasibility Study. Draft Report on Water Quality. State of California Department of Water Resources, Division of Planning and Local Assistance. Sacramento, CA.

- DiGiorgio, C. 2003. Modeled impacts of Delta peat island drainage on organic carbon levels at selected Delta municipal water intakes. California Department of Water Resources (DWR).
- Dodds, W. K. et al. 1997. Developing nutrient targets to control benthic chlorophyll-a levels in streams: a case study of the Clark Fork River. *Water Research* 31(7): 1738-1750.
- Green, D.M. and J.B. Kauffman. 1989. Nutrient cycling at the land-water interface: the importance of the riparian zone. Pages 61-68 in R.E. Gresswell et al., (eds.), *Riparian Resource Management*. U.S. Bureau Land Mgmt. Billings, MT.
- Haggard, B.E., T.S. Soerens, W. R. Green, R. P. Richards. 2003. Using regression methods to estimate stream phosphorus loads at the Illinois River, Arkansas, *Applied Engineering in Agriculture*, Vol. 19(2): 187-194.
- Hoeger S.J., B.C. Hitzfeld D.R. Dietrich. 2005. Occurrence and elimination of cyanobacterial toxins in drinking water treatment plants, *Toxicology and Applied Pharmacology*, Vol. 203(3), pp. 231-242.
- Jassby, Alan D., and James Cloern. 2000. Organic matter sources and rehabilitation of the Sacramento-San Joaquin Delta (California, USA). *Aquatic Conservation: Marine and Freshwater Ecosystems* 10:323-352.
- Jassby, Alan D., James Cloern, and Brian E. Cole. 2002. Annual primary production: patterns and mechanisms of change in a nutrient-rich tidal ecosystem. *Limnology and Oceanography* 47:698-712.
- Jassby, A.D. 2005. Phytoplankton regulation in a eutrophic tidal river (San Joaquin River, California), *San Francisco Estuary and Watershed Science*, Vol. 3, Iss. 1, Article 3.
- Kratzer, C.R., P.D. Dileanis, C. Zamora, S.R. Silva, C. Kendall, B.A. Bergamaschi, and R.A. Dahlgren. 2004. Sources and transport of nutrients, organic carbon, and chlorophyll-a in the San Joaquin River upstream of Vernalis, California, during summer and fall, 2000 and 2001. *US Geological Survey Water Resources Investigation Report* 03-4127.
- MWQI. 2005. *Municipal Water Quality Investigations Program Summary and Findings from Data Collected October 2001 through September 2003*. June.
- Newbold, J.D., J.W. Elwood, R.V. O'Neill, and A.L. Sheldon. 1983. Phosphorus dynamics in a woodland stream ecosystem: a study of nutrient spiraling. *Ecology* 64: 1249-1265.
- Robinson, J.S., A.N. Sharpley, and S.J. Smith. 1992. Estimating bioavailable phosphorus loss in agricultural runoff: method development and application. *Pages*

375-385 in Water Environment Federation 65th Annual Conference & Exposition, 20-24 September 1992, New Orleans, LA.

Saleh, DK, JL Domagalski, CR Kratzer, and DL Knifong. 2003. Organic carbon trends, loads, and yields to the Sacramento-San Joaquin Delta California, Water years 1980-2000: US Geological Survey Water Resources Investigation Report 03-4070.

Schemel, L.E., M.H. Cox, S.W. Hager, and T. R. Sommer. 2002. Hydrology and chemistry of floodwaters in the Yolo Bypass, Sacramento River System, California, during 2000, USGS Water Resources Investigations Report 02-402.

Sharpley, A.N., S.C. Chapra, R. Wedepohl, J.T. Sim, T.C. Daniel, and K.R. Reddy. 1994. Managing agricultural phosphorus for protection of surface waters: Issues and options. *J. Env. Qual.* 23: 437-451.

Tetra Tech. 2006. Conceptual Model for Organic Carbon in the Central Valley. Prepared for US EPA Region IX and the Central Valley Drinking Water Policy Workgroup.

United States Environmental Protection Agency (USEPA). 1986. Quality Criteria for Water: 1986. U.S. Environmental Protection Agency, Office of Water Regulations and Standards. Washington, D.C.

United States Environmental Protection Agency (USEPA). 2000a. Nutrient Criteria Technical Guidance Manual Rivers and Streams, United States Environmental Protection Agency, Office of Water, EPA-822-B-00-002.

United States Environmental Protection Agency (USEPA). 2000b. Nutrient Criteria Technical Guidance Manual Lakes and Reservoirs, United States Environmental Protection Agency, Office of Water, EPA-822-B-00-001.

Vollenweider, R.A. 1979. Das Nährstoffbelastungskonzept als Grundlage für den externen Eingriff in den Eutrophierungsprozess stehender Gewässer und Talsperren. *Z. wasser- u. Abwasser-Forschung* 12:46-56.

Ward, J.V. 1989. The four-dimensional nature of lotic ecosystems. *J. N. Am. Benthol. Soc.* 8:2-8.

Welch, E. B. et al. 1989. Prediction of nuisance periphytic biomass: a management approach. *Water Research* 4:401-405.

Wetzel, R.G. 2001. *Limnology: Lake and River Ecosystems*, Third Edition. Academic Press, San Diego, CA.

Woodard, R. 2000. Sources and magnitudes of water quality constituents of concern in drinking water supplies taken from the Sacramento-San Joaquin Delta. CALFED Technical Report.