

## Water Resources Center Archives

### SELECTED RECENT ACCESSIONS

List no. 174, October 1997

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#### AQUATIC ECOSYSTEMS, LIMNOLOGY

Bailey, Howard C., and Gail M. Dethloff. Effect of sublethal metal exposure on physiological systems of rainbow trout (*Oncorhynchus mykiss*). Davis: University of California Water Resources Center, 1997; 44 p. (Technical completion report).  
91.11 N7-1

Chen, Yongqin. Hydrologic and water quality modeling for aquatic ecosystem protection and restoration in forest watersheds : a case study of stream temperature in the Upper Grande Ronde River, Oregon. Thesis (Ph.D.)--University of Georgia, 1996; 268 p.  
G288 N6-2

Giannico, Guillermo Roberto. Juvenile coho salmon habitat utilization and distribution in a suburban watershed : the Salmon River (Langley, B.C.). Thesis (Ph.D.)--University of British Columbia, 1996; 222 p.; ISBN 061209085X.  
G120 N6

Hamilton City pumping plant fish screen improvement project : environmental impact report/environmental impact statement (EIR/EIS). Sacramento: U.S. Bureau of Reclamation, Mid-Pacific Regional Office, 1997; 2 v.  
G4353 N7 Draft v.1-2

Pittman, Brian T. A survey of inbenthic macrofauna at a south San Francisco Bay salt marsh. Thesis (M.S.)--San Jose State University, 1996; 83 p.  
G4205 N6

#### BEACHES, COASTS, OCEANS, WETLANDS

Bottin, Robert R., and William S. Appleton. Periodic inspection of Humboldt Bay jetties, Eureka, California. Report 1. Base conditions. Vicksburg, Miss.: U.S. Army Engineer Waterways Experiment Station, 1997; 48 p. (Technical report; CHL-97-17 rept.1).  
G200 Y-3 no.CHL-97-17 rept.1

Bottin, Robert R., and Hugh F. Acuff. Study for flushing of Salt Lagoon and small-boat harbor improvements at St. Paul Harbor, St. Paul Island, Alaska : coastal model

investigation. Vicksburg, Miss.: U.S. Army Engineer Waterways Experiment Station, 1997; 66 p. (Miscellaneous paper; CHL-97-7).  
G200 Y-19 no.CHL-97-7

Davis, Justin Ross. Hydrodynamic modeling in shallow water with wetting and drying. Gainesville, Fla.: Coastal & Oceanographic Engineering Dept., University of Florida, 1996; 109 p. (UFL/COEL-96/014).  
25.4 N6-2

Greenblatt, Marcia Susan. Surface water-groundwater interactions in a tidal marsh plain. Thesis (Ph.D.)--University of California, Berkeley, 1997; 147 p.  
84.1 N7-1

Kreuzkamp, August Joseph. Analysis of conventional aerial photography to determine shoreline position. Gainesville, Fla.: Coastal & Oceanographic Engineering Dept., University of Florida, 1997; 60 p. (UFL/COEL-97/007).  
86 N7

Restoration of tidal wetlands in San Francisco Bay. San Francisco: Philip Williams & Associates, 1997; 15 p.  
G4201 N7

Sailing directions (planning guide & enroute) : Antarctica. 3rd ed. Bethesda, Md.: National Imagery and Mapping Agency: For sale by the National Ocean Service and its authorized sales agents, c1997; 177 p. (Pub; no. 200).  
96.1 Y-5 no.200 1997 Locked Cage

Sailing directions (planning guide) : North Atlantic Ocean, Baltic Sea, North Sea, and the Mediterranean Sea. 1st ed. Bethesda, Md.: National Imagery and Mapping Agency: For sale by the National Ocean Service and its authorized sales agents, c1997; 194 p. (Pub; no. 140).  
96.1 Y-5 no.140 1997

Sailing directions (enroute) : Red Sea and the Persian Gulf. 7th ed. Bethesda, Md.: National Imagery and Mapping Agency: For sale by the National Ocean Service and its authorized sales agents, 1997; 290 p. (Pub; no. 172).  
96.1 Y-5 no.172 1997 Locked Cage

Schwartz, Robert K., Derek W. Cooper, and Paul H. Etheridge. Sedimentologic architecture of the shoreface prism, relationship to profile dynamics, and relevance to engineering concerns : Duck, North Carolina. Vicksburg, Miss.: U.S. Army Engineer Waterways Experiment Station, 1997; 175 p. (Technical report; CHL-97-19).  
G200 Y-3 no.CHL-97-19

Trudnak, Michael E. Impacts on the inlet-beach system of ebb tidal shoal mining. Gainesville, Fla.: Coastal & Oceanographic Engineering Dept., University of Florida, 1997; 103 p. (UFL/COEL-97/003).

22.7 N7

Zenk, Teri Uyeda. An evaluation of selected California Coastal Commission wetland projects. Thesis (M.S.)--San Jose State University, 1996; 161 p.

G46831 N6-3

Zhong, Ke. Application of geographical information system to estuarine and coastal modeling. Gainesville, Fla.: Coastal & Oceanographic Engineering Dept., University of Florida, 1996; 1 v. (UFL/COEL/MPR-96/1).

25.4 N6-1

#### FLOODS, FLOOD CONTROL, FLOODPLAIN MANAGEMENT

Summary of the informational hearings on the January 1997 floods. Sacramento: California State Assembly, Water, Parks & Wildlife Committee, 1997; 53 p.

G4089 N7-5

Wright, James M., and Jacquelyn L. Monday. Addressing your community's flood problems : a guide for elected officials. Madison, Wis.: Association of State Floodplain Managers, 1996; 38 p.

R G2088 N6-4

#### GROUNDWATER

Christen, Oliver Bruno. Geochemical study of natural and man-made brines, and their future migration in groundwater at Lindsay, California. Thesis (M.S.)--California State University, Fresno, 1995; 157 p.

G4954 N5

Cox, Sara Michelle. Relationships between the groundwaters of Ash Meadows, Death Valley, Pahrnagat Valley and the Nevada Test Site based on statistical analysis and modeling of trace element data. Thesis (M.S.)--University of Nevada, Las Vegas, 1996; 162 p.

G455 N6-1

Gates, Joseph Spencer, and David V. Allen. Ground-water development in Utah and effects on ground-water levels and chemical quality. Salt Lake City: Utah Dept. of Natural Resources, Division of Water Resources and Division of Water Rights, 1996; 20 p. (Cooperative investigations report; no. 37)

G390 XN2 no.37

Hall, Mary P. Feeney. Investigation of spring and seep

discharge at Owens Lake, California. Thesis  
(M.S.)--University of Nevada, Reno, 1996; 120 p.  
G4551 N6

Jiang, Xun. Modeling of groundwater flow and  
contaminant transport for operable Unit-2, Pinedale  
groundwater site, Fresno, California. Thesis  
(M.S.)--California State University, Fresno, 1995; 133 p.  
G4517 N5-1

McFarland, William D., and David S. Morgan. Description  
of the ground-water flow system in the Portland Basin,  
Oregon and Washington. Washington, D.C.: U.S. Geological  
Survey, 1996; 58 p. (U.S. Geological Survey water-supply  
paper; 2470-A).  
R G200 USG no. 2470-A

Nielsen, R. Brent, and Jay D. Keasling. Anaerobic  
degradation of chlorinated hydrocarbons in groundwater  
aquifers, or, "Chlorinated hydrocarbon degradation".  
Davis: University of California Water Resources Center,  
1997; 27 p. (Technical completion report).  
64.4 N7-5

Valuing ground water : economic concepts and approaches.  
Washington, D.C.: National Academy Press, 1997; 189 p.;  
ISBN 0309056403.  
64.1 N7

Wong, Hugh S., Ne-Zheng Sun, and William W-G. Yeh.  
A two-step nonlinear programming approach to the  
optimization of conjunctive use of surface water and  
ground water. Davis: University of California Water  
Resources Center, 1997; 34 p. (Technical completion  
report).  
64.2 N7

#### HYDROLOGY, HYDRAULICS, HYDROGEOLOGY

Kessel, Thijs van. Generation and transport of  
subaqueous fluid mud layers. Delft, Netherlands: Delft  
University of Technology, 1997; 150 p.  
(Communications on hydraulic and geotechnical  
engineering report; 97-5).  
G642 X no.97-5

Rodriguez, Hugo N. A mechanism for non-breaking  
wave-induced transport of fluid mud at open coasts.  
Gainesville, Fla.: Coastal & Oceanographic Engineering  
Dept., University of Florida, 1997; 112 p.  
(UFL/COEL-97/004).  
25.8 N7

Seidle, Peter N. A numerical hydrodynamic model for  
inlet-river systems. Gainesville, Fla.: Coastal &  
Oceanographic Engineering Dept., University of Florida,

1997; 83 p. (UFL/COEL-97/005).  
22.9 N7

IRRIGATION, DRAINAGE, SOILS, AGRICULTURE

Reisner, Marc. Water policy and farmland protection : a new approach to saving California's best agricultural lands. Washington, D.C.: American Farmland Trust, 1997; 25 p.  
G4092 N7-1

Thompson, Paul B. The spirit of the soil : agriculture and environmental ethics. London; New York: Routledge, 1995; 196 p. (Environmental philosophies series); ISBN 0415086221; 041508623X (pbk.).  
73 N5

LAND USE, WATERSHED MANAGEMENT, ENVIRONMENT, ENERGY RESOURCES

Briggs, Mark K. Riparian ecosystem recovery in arid lands : strategies and references. Tucson: University of Arizona Press, 1996; 159 p.; ISBN 0816516421; 0816516448 (pbk.).  
G309 N6

Brown, Jennifer Frances. Sand movement and vegetation interactions at Mono Lake, California. Thesis (Ph.D.)--University of California, Davis, 1995; 158 p.  
G4676 N5-1

Kondolf, G. Mathias, Craig Anderson, and Jennifer Vick. Assessment of revegetation potential in floodplain gravel pits in California : influence of topography and hydrology. Davis: University of California Water Resources Center; Berkeley: Center for Environmental Design Research [distributor], 1997; 90 p. (Technical completion report); (Report; CEDR-13-97).  
G4089 N7-4

Miura, Tomoaki. Analysis of wetland/riparian vegetation of Owens Lake, California using hypertemporal remote sensing. Thesis (M.S.)--University of Nevada, Reno, 1996; 66 p.  
G4551 N6-2

Reardon Lynne. Correlation between vegetation distribution and salinity in Artesian Slough. Thesis (M.S.)--San Jose State University, 1996; 93 p.  
G4847 N6

Rim, Chang-Soo. Daily estimation of local evapotranspiration using energy and water balance approaches. Thesis (Ph.D.)--University of Arizona, 1995; 192 p.

76.2 N5

When consumers have choices : the state's role in competitive utility markets. Sacramento: Little Hoover Commission, 1996; 202 p.  
G4086 N6

RAINFALL, RUNOFF, EROSION, CLIMATE

Boyle, Douglas P. Partial area rainfall-runoff modeling : a case study in a small, undeveloped catchment near Lake Tahoe. Thesis (M.S.)--University of Nevada, Reno, 1996; 113 p.  
G37935 N6

The Kalahari Transect : research on global change and sustainable development in southern Africa, ed. R.J. Scholes and D.A.B. Parsons. Stockholm, Sweden: International Geosphere-Biosphere Programme: A Study of Global Change, International Council of Scientific Unions, c1997; 64 p. (IGBP report; no. 42).  
95.3 Z-1 no.42

Livingston, Eric H., et al. Institutional aspects of urban runoff management : a guide for program development and implementation : a comprehensive review of the institutional framework of successful urban runoff management programs. Ingleside, Md.: Watershed Management Institute, c1997; 1 v.  
94.1 N7

Palazzo, A. J., and Gurdarshan S. Brar. The effects of temperature on germination of eleven Festuca cultivars. Hanover, N.H.: U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, 1997; 6 p. (Special report; 97-19).  
94.4 N7

Shapiro, Lewis H., et al. Snow mechanics : review of the state of knowledge and applications. Hanover, N.H.: U.S. Army Cold Regions Research and Engineering Laboratory; Springfield, Va.: National Technical Information Service [distributor], 1997; 35 p. (CRREL report; 97-3).  
94.2 Y-4 no.97-3

WASTEWATER TREATMENT, WASTE MANAGEMENT

1996 review of the literature on pulp and paper industry effluent management. Research Triangle Park, N.C.: National Council of the Paper Industry for Air and Stream Improvement, c1997; 34 p. (Technical bulletin; no. 742).  
42.3 W-2 no.742

Barton, Douglas A. Experience at recycled paperboard

and containerboard mills operating at or near zero discharge. Research Triangle Park, N.C.: National Council of the Paper Industry for Air and Stream Improvement, c1997; 1 v. (Technical bulletin; no. 733).  
42.3 W-2 no.733

Wastewater management for coastal cities : the ocean disposal option, ed. Charles G. Gunnerson, and Jonathan A. French. 2nd rev. ed. Berlin; New York: Springer, c1996; 345 p. (Environmental engineering); ISBN 3540592164.  
47.4 M8 1996

#### WATER QUALITY

Draft addendum to the supplement to functional equivalent document for the proposed policy for implementation of toxics standards for inland surface waters, enclosed bays, and estuaries of California : (Phase 1 of Inland Surface Waters Plan and the Enclosed Bays and Estuaries Plan). Sacramento: State Water Resources Control Board, 1997; 33 p.  
G4085 N7-2 Draft Suppl. Add.

Draft policy for implementation of toxics standards for inland surface waters, enclosed bays, and estuaries of California : (Phase 1 of Inland Surface Waters Plan and the Enclosed Bays and Estuaries Plan) and functional equivalent document. Sacramento: State Water Resources Control Board, 1997; 1 v.  
G4085 N7-2 Draft

Earman, Samuel. The impact of nonpoint source pollution from mining wastes on water quality, Elko County, Nevada. Thesis (M.S.)--University of Nevada, Las Vegas, 1996; 149 p.  
G375 N6-11

Shelton, L. R. Field guide for collecting samples for analysis of volatile organic compounds in stream water for the National Water-Quality Assessment Program. Sacramento: U.S. Geological Survey, 1997; 14 p. (U.S. Geological Survey open-file report; 97-401).  
G2084 N7-1

#### WATER RESOURCES DEVELOPMENT, MANAGEMENT, CONSERVATION

Arroyo Conejo, Conejo Creek and Calleguas Creek, Ventura County : water right application 29408 and wastewater change petition WW-6 of the city of Thousand Oaks and findings regarding availability of water for appropriation. Sacramento: State Water Resources Control Board, 1997; 97 p. (Decision; 1638).  
L263 XW8-1 no.1638

Central Valley Project water supply contracts under Public Law 101-514 (Section 206) : draft environmental impact statement/environmental impact report. Washington, D.C.: U.S. Bureau of Reclamation; Sacramento: County of Sacramento, 1997; 4 v.  
L2641 N7 Draft v.1-4

Chesnutt, Thomas W., et al. Designing, evaluating, and implementing conservation rate structures. Sacramento: California Urban Water Conservation Council, 1997; 1 v.  
R G408 N7

DeVine, Kelly M. Water policy and theoretical models : political bureaucratic and class dynamics in a growth economy. Thesis (M.A.)--University of Nevada, Las Vegas, 1996; 131 p.  
G377 N6

Eisel, Leo, and J. David Aiken. Platte River basin study. Denver, Colo.: Western Water Policy Review Advisory Commission; Springfield, Va.: National Technical Information Service [distributor], 1997; 87 p.  
G262 N7 Final

Johnson, Jean K. Farm, range, forest and salmon : the Tucannon watershed of the Columbia River basin, 1850-1995. Thesis (Ph.D.)--Washington State University, 1995; 332 leaves.  
G296 N5

Khosla, Maya. Web of water : life in Redwood Creek. San Francisco: Golden Gate National Parks Association, c1997; 58 p.; ISBN 1883869277.  
G4624 N7 Locked Cage

McClurg, Sue. Sacramento-San Joaquin River basin study. Denver, Colo.: Western Water Policy Review Advisory Commission; Springfield, Va.: National Technical Information Service [distributor], 1997; 87 p.  
G431 N7 Final

Niemi, Ernest G., and Tom McGuckin. Water management study : upper Rio Grande basin : final report. Denver, Colo.: Western Water Policy Review Advisory Commission; Springfield, Va.: National Technical Information Service [distributor], 1997; 1 v.  
G322 N7 Final

Order on reconsideration upholding revocation of permit 15012 (application 11792A) of Calaveras County Water District and establishing policy for future applications for water from the Calaveras River watershed above New Hogan Dam : Calaveras River, Calaveras County. Sacramento: State Water Resources Control Board, 1997; 13 p. (Order; WR-97-06).  
L263 XW5-6 no.WR-97-06

Order regarding petitions for change and petitions for extension of time for water right permits ... of Calaveras County Water District : North Fork Stanislaus River and other sources, Calaveras County. Sacramento: State Water Resources Control Board, 1997; 54 p. (Order; WR-97-05).

L263 XW5-6 no.WR-97-05

Pekelney, David M., Thomas W. Chesnutt, and W. Michael Hanemann. Guidelines to conduct cost-effectiveness analysis of best management practices for urban water conservation. Sacramento: California Urban Water Conservation Council, 1996; 1 v.

R G408 N6-4

Piper, Karen Lynnea. Refilling the lake : the Owens Valley option. Thesis (Ph.D.)--University of Oregon, 1996; 95 p.

G4551 N6-1

Pontius, Dale. Colorado River Basin study : final report. Denver, Colo.: Western Water Policy Review Advisory Commission; Springfield, Va.: National Technical Information Service [distributor], 1997; 1 v.

G330 N7 Final

Renwick, Mary Elizabeth. An econometric model of household water demand with endogenous technological change under demand side management policies. Thesis (Ph.D.)--Stanford University, 1996; 199 p.

70.2 N6-3

River basin planning and management, ed. Mahmoud A. Abu-Zeid and Asit K. Biswas. Calcutta: Oxford University Press, c1996; 233 p. (Water resources management series; 4); ISBN 0195637550.

G773 N6

Visions for the river : a conference, May 4, 1996 at the Los Angeles Department of Water and Power Auditorium. Santa Monica, Calif.: Heal the Bay, 1996; 9 p.

G46053 N6-1

Water Education Foundation. California water map. Sacramento: The Foundation, c1997; 1 map.

mG4091 M7 1997

Water in the west : the challenge for the next century. Denver, Colo.: Western Water Policy Review Advisory Commission, 1997; 1 v.

G266 N7-5 Draft

Whipple, William. Comprehensive water planning and regulation : new approaches for workable solutions. Rockville, Md.: Government Institutes, Inc, c1996;

172 p.; ISBN 0865875138.  
70.1 N6