

1973-1975

Turpin, Deborah	Scale Modeling of a Pond for Hydraulic Study	1973
Erikson, Karl	Legal Aspects of Logging and Water Quality	1974
Pugner, Paul E.	A Pipe Flow Model of Humboldt Bay Municipal Water District's Industrial Water Service Facilities	1974
Bundros, Gregory J.	River Modeling of Shively, California	1975
Suyama, Wendell	Determination of Sea Salt in High Volume Air Samples	1975
Ward, William A.	Fish Passage Structures for Anadromous Fish	1975

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Banducci, Gary	Settlement Monitoring Program Ferndale, California	1976
Donley, Charles Jr.	River Modeling of Shively, California	1976
Finney, Brad and Yamamoto, Len	Efficiencies of Ideal Light Collectors	1976
Harris, Al	The Development of a Wind Generator for Supplementary Power	1976
Zelver, Nick	The Filter Press	1976

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Davidson, Stephen and Kubitschek, John	Hydrodynamic and Mass Transfer Studies in Sorbing Porous Media	1977
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Freitas, Chris and Newman, Gary	Design and Operation of a Hydraulic Model of Humboldt Bay	1977
Sander, David and Byers, Richard	Aerial Photography Surveillance of Water Quality	1977
Soffran, Martin	Effect of Cement or Lime to Soil Stability	1977
Spencer, Tim	Capetown Bridge and Gardners Bridge Follow-Up Environmental Impact Study	1977

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Grieb, Alan R.	Operation and Maintenance Manual Arcata Water Pollution Control Facilities	1978
Hofmann, Joseph A.	A Particulate Diffusion Model for the Valley West Air Shed	1978
Innes, Gordon	Monte Carlos Simulation of a Series of Sewage Oxidation Ponds	1978
Roper, Dale Allen	Proposed Retaining Wall Design for Simpson Timber Company	1978
Shuster, Melvin	A Study of Some Physical and Chemical Features of a Pilot Fish Pond	1978
Steinman, Larry	Projected Quantities, Characteristics and Final Disposal Alternatives for Solid Waste Management in Humboldt County California	1978
Wortman, Randal T.	Hydrologic Characteristics of Jolly Giant Creek, California	1978

1979 (2)

Aaseruds, Robert G.	Effects of Land Use on Water Quality of a Small Watershed	1979
Foulke, Robert J.	Correlation Parameters for Stratigraphic Analysis Subsurface Correlation Mapping	1979

Haigh, David	University Center Rathskellar, an Air Quality Survey	1979
Hanson, Davic C.	Earth Covered Buildings: An Alternative in Energy Conservation	1979
Hawes, Geourge E.	An Analysis of the Seismic Response of Soil Structures Near Humboldt Bay Power Plant	1979
Hayden, Lawrence	Thematic Mapping Using Remote Sensing Techniques	1979
Leiker, Stephen J.	Design of Sewage Treatment and Disposal Facilities McKinleyville, California	1979
Lopp, William B.	Hydrogen Sulfide Odors at a Lift Station in Arcata California: The Problem and Alternative Solutions	1979
Radford, Alan R.	Construction and Validation of a Three-Parameter Log Normal Distribution Model for Monthly River Flows	1979
Shane, Ken	A Decision Model to Evaluate the Feasibility of Harvesting Timber Specifically for Energy Production	1979
Wiley, Stephen M.	Operations Study for the Trinity River Sediment Problem	1979
Wisheropp, Paul	Land Use and Water Quality on Jacoby Creek, CA	1979

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Allen, Andrew C.	The Design of a Low Volume Log Stringer Bridge with King Post Truss Support	1980
Bober, Robert Gene Jr.	Preliminary Design of Arcata Lake Fishway	1980
Brantley, James	Arma Model for Inflows to Lake Pillsbury	1980
Eisenberg, Talbert N.	Daphnia Filtration in Oxidation Ponds (New Horizons for Waste)	1980

Hester, Gary	Stochastic Modeling of Monthly Streamflow	1980
Johnson, Bob K.	Small Earth Dam Design for Livestock Reservoir	1980
Johnson, Karl W.	Feasibility of Applying Insulation and Solar Heat to the Anaerobic Digester at the Arcata Wastewater Treatment Plant	1980
Johnson, Kathy	An Analysis of the Alternatives for Replacing an Existing Log Stringer Bridge	1980
Ratcliff, Alan	Comparison of Unit Hydrographs for the Jolly Giant Creek Watershed and Precipitation Error Simulation	1980
Tappan, Susan	Fog Occurrence on the North Coast of California	1980

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Azevedo, Richard	Design of Micro-Hydro-Electric System on Luffenholtz Creek	1981
Bennett, Ray R.	Calibration of a Numerical Hydrodynamic Model for Humboldt Bay	1981
Coffey, Michael J.	Design Guidelines for the Enhancement and Rehabilitation of Anadromous Fish Habitat	1981
Conbere, Bill	A Parametric Geomorphic Model for Predicting T-Year Flood Flow in North Coast River Basins	1981
Hall, Brad Ronald	Mathematical Model of North Bay Channel, Humboldt Bay, California	1981
Havens, George	Design of a Micro-Hydroelectric Facility on Luffenholtz Creek	1981
McCarthy, James	Groundwater Modeling of the Blue Lake Aquifer	1981
McGowen, Rick	Design of a Solar Wood Drying Kiln	1981

Mc Intyre, Drew D.	Evaluation of Chlorine Disinfection at Arcata's Wastewater Treatment Plant	1981
Peters, Kevin	Unit Hydrograph Theory and It's [sic] Application to Jolly Giant Watershed	1981
Quinn, Christine M.	Passage of Anadromous Fish Through Highway Drainage Culverts in Northern California	1981
Regan, Thomas	[Retrofit Solar Water Heating System Adaptable to Existing Laundromat Facilities]	1981
Spitzley, John E.	Soil Mechanics and Stress Analysis of Fracture Patterns Found in Humboldt County Quaternary Faults	1981

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Cairns, Dale R.	Computer Wave Analysis and Design Wave Selection for Humboldt County Nearshore Structures	1982
Dunn, Patrick	A Stracer Study at the Arcata Marsh Pilot Project	1982
Endicott, Jeffrey D.	Estimation of Unrecorded Streamflow for the Mad River Upstream of Ruth Reservoir	1982
Hoes, Charles P.	Solar Greenhouse Design	1982
Sollenberger, David	Methane Production from Raw Sewage Sludge and Aquatic Vegetation	1982
Sundberg, Shannon R.	Chlorination Efficiency of Marsh Effluent vs. Oxidation Pond Effluent	1982
Van Gilst, David	Evaluation of Chlorine Disinfection at Arcata's Marsh Pilot Project	1982

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Bolger, Craig	Application of A Sedimentation Simulation Model A Feasibility Study	1983
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Brenner, Michael	Stability Analysis on Shirley Blvd. Humboldt State University Arcata, California	1983
Brezner, Joseph M.	A Computerized Solar Radiation Monitoring Station	1983
Bridenbaugh, John	Design of an Erosion Control Structure for Moonstone Beach, California	1983
Corsi, Richard L.	Sensitivity Analysis and Development of a Gaussian Plume Model	1983
Dust, David W.	Computer of Bull Creek With HEC-6	1983
Holbrook, Heather	The Analysis of Copper in a Pilot Marsh System	1983
Jeffries, Alan C.	A Preliminary Design and Evaluation of a Direct Filtration Unit Process for Humboldt Bay Municipal Water District's Water Treatment Plant	1983
Jensen, Phillip	Operation and Maintenance Manual for the Wastewater Treatment Plant City of Crescent City Del Norte County, California Volume I	1983
Korte, Jill D.	A monthly Disaggregation Model for Mad River Streamflows	1983
Lacy, Jessica R.	Heavy Metal Accumulation in the Aquatic Emergent <u>Scirpus</u> <u>robustus</u>	1983
Moore, Bruce	Wave analysis for a rubble-mound breakwater at King Salmon, California	1983
Murphy, Karen K.	Dynamic Programming for Reservoir Operation Applied to Ruth Reservoir	1983
Olejniczak, Rick	Energy Usage of the Arcata Community Pool	1983
Price, Hank	Building Energy Simulation of the Engineering - Biological Science Building at Humboldt State University Arcata, California	1983
Ralston, Donald Clinton Jr.	Analysis and Modification of the Energy Consuming Charactersitics of the H.S.U. Swimming Pool Complex	1983

Strecker, Eric W.	Linear Optimization Model for Maximizing Power Production and Minimizing Water Demand for Ruth Reservoir, California	1983
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Bower, Jay P.	Analysis and Treatment of a Domestic Well Water Supply	1984
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Brandon, Gregg T.	Design of a Waste Heat Recovery System for the H.S.U. Ceramics Lab	1984
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Brooks, GayLee	Anaerobic Digestion Spent Ethanol Stillage and Raw Sludge	1984
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Cashman, Eileen M.	A Regional Sediment Rating Curve for the Northern Coast of California	1984
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Haase, Peter	Design & Monitoring of a Biological Filter for a Small Scale Aquaculture System	1984
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Hurley, William	Monitoring Domestic Solar Hot Water Systems with Micro-Computers	1984
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Jarvis, Barry D.	HEC-6 and Sediment Transport on Jolly Giant Creek	1984
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Jordan, Kevin	Modeling Sand Boils Observed During the November 1980 Humboldt Earthquake	1984
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Kaizen, D.C.	Application of the Kentucky Watershed Model to Predict Changes in Rainfall Runoff Response due to Changes in Vegetative Cover on the Redwood Creek Drainage Basin Humboldt County,	1984
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Kemper, Lauri	The Evaluation of a Domestic Groundwater Treatment System for the Removal of Iron and Hydrogen Sulfide	1984
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Kolb, Howard	Springs as a Potential Water Source	1984
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Morris, Michael H.	Efficiency Determination of a Domestic Solar Water Heating System	1984
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Owen, Michael David	Waste Heat Recovery for Van Matre Hall	1984
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Paiva-H, Alfredo P.	Valley West Water System Modeling	1984
Plummer, Thomas M.	Evaluation og and Recommenadations for Greenwood Heights' Private Water Supply	1984
Polson, Eric	The Design, Scale Formulation and Construction of a Dynamic Bed Hydraulic Scale Model of South Fork Eel River and Bull Creek	1984
Stangeland. Eric	Ocean Wave Energy Evaluation of the Humboldt Coast and Ocean Wave Focusing Model Experimentation	1984

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Asley, Lena	A Comparative Polyelectrolyte Coagulation Study on the Turbidity in the Mad River	1985
Barr, David	A Dissolved Oxygen Investigation of Freshwater Slough	1985
Billington, Tracie L.	Facility Evaluation of the Ferndale Wastewater Treatment Plant	1985
Blair, Roger	Greywater-Aquaculture linkage Using Biological Filtration Techniques	1985
Clark, Linda L.	Energy Analysis and Modification of the New Arcata Library	1985
Fisher, Carla	A Study of Copper Concentration in Copper Bluff Mine Drainage, Hoopa, CA	1985
Greenberg, Michael G.	Economiv and Engineering Feasibilities of Solar Collection to Heat the H.S.U. Natatorium	1985
Hess, Gary L.	Evaluation of and Recommendations for Improving the Performance of the Hoopa Valley Shopping Center Wastewater Treatment Plant	1985
Lafer, Marla Lynn	An Attempt to Model the Frictional Resistance in a Tidal Inlet Using Modified Pipe Flow Equations	1985
Lehman, Joel	Cogeneration Feasibility Study for HSU University Buildings	1985

Malliet, Glen	A Feasibility Study of Color Removal By Granular Activated and Granular Nonactivated Carbon In A Low-cost, Dual-media Gravity Filtration System	1985
Strack, Joseph E.	Solution to Streambank Erosion by Use of a Hydraulic Scale Model of the South Fork Eel River a Case for the California Federation of Womens Clubs Grove, Humboldt Redwoods State	1985
Wagner, George	The Removal of Nitrates and Ammonia-Nitrogen in an Experimental Wastewater Treatment Cell Filled with Aquatic Macrophytes	1985
Warnock, Thomas W.	Proposed Aerated Selector/Grit Chamber for the Loleta Wastewater Treatment Plant	1985

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Allen, Blair	Tracer Study for Artificial Marshes at the Arcata Marsh Project	1986
Arkfeld, William L.	Bacteriophage Study on the Arcata Tertiary Marsh Pilot Project	1986
Enright, Christopher	Seasonal Residential Water Demand Functions for the City of Arcata	1986
Holm, Christopher	Erosion on a Highway Construction Site: Measurement vs. Model Prediction	1986
Kingdon, Marcus	Documentation Enhancement for the Humboldt Building Simulation	1986
Loney, John M.	Harry Griffith Hall Heating and Ventilating Retrofit Study	1986
McHaney, Steve	The Analysis and Design of a Small Scale Brewing Plant Including Waste Handling and Energy Production	1986
Neilson, Brian N.	Springs as a Potential Water Source	1986
Owens, Eugene	Cogeneration Feasibility Study of Gist Hall	1986
Phalen, Kathleen	Laboratory and Field Preparation for Tracer Measurement of Reabsorption Coefficients	1986

Seevers, Dave	Evaluation of the Torvane and Pocket Penetrometer Devices to Determine Surficial Slope Stability	1986
Smith, Elizabeth	Energy Analysis of the Humboldt State University Wildlife Building	1986
Wilson, Mark T.	Determination of Pentachlorophenol in Contaminated Soil	1986

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Carpenter, Joan L.	Thermodynamic Analysis of the Humboldt State University Student Housing Cogeneration System	1987
Clemons, Chuck	Building Energy Simulation for the Wells Fargo Bank 1103 G St., Arcata, CA	1987
Crippen, Dean R.	Stage-Discharge Rating Curve for Janes Creek	1987
Everett, Jon M.	Slope Stability Analysis of Founders' Hall Slope Humboldt State University Arcata, California	1987
Guiang, Maria	Waste-Heat Feasibility Study of Jacoby Storehouse	1987
Hodge, Chuck J.	A Comparative Analysis of the Infiltration Rates of Sanitary Landfill Caps	1987
Hoffman, Kenneth J.	Determination of the Engineering Properties of a Northern California Franciscan Melange Material	1987
Martinelli, Ralph	Slides in Northwest California consisting of Franciscan Melange	1987
Mastaloudis, Chris	A Mathematical Simulation of the Combined Cycle Cogeneration System	1987
McNamara, Michael J.	An Analysis of Disinfection Inadequacies at the Elk River Wastewater Treatment Plant	1987
Palhegyi, Gary	Water Quality Modeling Utilizing An Eulerian-Lagrangian Solution Method	1987

Ricks, Jan	An Environmental Hazard Analysis of the Bridge Near Dos Rios on Route 162	1987
Salmonsens, paul	Evaluation of an Existing Septic Tank Drainfield	1987
Shiple, Brad	Bottom Sediment Classification and Strengths in the Offshore Eel River Basin	1987

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Boadway, Deborah	Clear Lake "From the Bottom Up"	1988: 3a
Anderson, Craig	Evaluation of the Liquefaction Susceptibility of Big Lagoon Spit Humboldt County, California	1988: 5b
Bergman, n Billie J.	Development of a Least Coast Conjunctive Use Water Supply Management Strategy for the Mad River Basin	1988: 5c
Carruthers, Robert D.	NH ₃ and DO Spatial Concentration Gradient Mapping as a Determinant of Pond Hydraulics	1988: 5d
Lawrence, James	A Preliminary Study of Sheet Wash Erosion at Sulphur Bank Mine	1988: 5e
Stetler, Christopher	Development of a Convection-Dispersion Model and the Application to the Redwood Creek Estuary	1988: 5g
Hickey, Stephen J.	Stability Analysis of the Gold Bluffs Formation	1988: 5h
Bradley, Kris	Energy Potential of <u>Typha latifolia</u> : Experimental Conversion of cattail Rhizomes to Ethanol Fuel	1988: 5i
Bumgardner, Jim	Modeling Mass and Momentum Transport in the Mad River, CA	1988: 5j
Downs, Lance A.	Contaminant Transport of Mercury by Groundwater Flow at Sulphur Bank Mine, Clear Lake, California	1988: 5k
Ergas, Sarina	Vertically Averaged Model of Mercury Transport in Clear Lake	1988: 5l

Engel, Richard	Amorphous Silicon Solar Module Performance at Low Insolation Levels	1988: 5m
Harrington, Jeff	An Evaluation of Slope Stability at the Sulphur Bank Mine Clear Lake, California	1988: 5n
Schneider, Adrian N.	A Continuation Study of the Northern California Franciscan Melange Material	1988: 5o
Thomas, Debra	Smith River: Analysis of Potential Environmental Impacts of the California Department of Corrections Del Norte Institution Effluent	1988: 6b
Goodbody, Leslie	An Eulerian-Lagrangian Numerical Solution to the Advection-Dispersion Equation Applied to Redwood Creek Estuary. Orick, California	1988: 6c
Girard, Kirk	Willow Creek Photovoltaic Drip Irrigation Project	1988: 6d
O'Hearn, Tim H.	Wind and Solar Monitoring Investigation at Clear Lake, California	1988: 6e
Muollo, Stephen J.	Drogue System Design for Earter Current Measurements in the Oaks Arm of Clear Lake, California	1988: 8a
Whitworth, Christopher J.	Wind Shear Contribution to Currents within a Body of Water	1988: 12b
Knibb, Keith	Design of an Electricity Generating Facility Using Landfill Gas from the Cummings Road Landfill	1988: 12d

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Lambeth, Debra G.	Bacteriological Quality of the Fieldbrook Valley Domestic Groundwater Supply	1989: 2a
Poorman, Scott L.	An Alternative On-Site Wastewater Treatment and Disposal System for Sites Unacceptable for Conventional Septic Tank--Leach Field Systems	1989: 5b
Maciolek, David J.	Nonpoint Source Pollution Reduction in a Wetland DrainageChannel	1989: 8a
Butcher, C. Jon	An Application fo Slow Sand Filtration to Arcata's Marsh Effluent	1989: 9a

Moss, Melody	A Safe and Economical Drinking Water System for a Small Fieldbrook Farm	1989: 9c
Rader, Cindy	Design of a Refrigerant-Charged, Phase-Change Solar Domestic Water Heating System	1989: 10a
Denton, Cathleen	Estimation of a Phosphorus Budget for a Wetland Receiving Treated Wastewater	1989: 12a
Paquet, Michael	A Screening Study of Surface Microlayer Toxicity in and Around Arcata Bay	1989: 12b
Fagerness, Robert Sven	Use of Aerobic Bacteria in Soil Beds for the Removal of Gaseous Hydrogen Sulfide from Wastewater Odor	1989: 12e

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Kear, Thomas	A Comparison of Computer Dispersion Models for Estimation of Air Emission Concentration from Coastal Sources in the Humboldt Bay Vicinity	1990: 3a
Malone, Christopher B.	A Two-Dimensional Finite Element Water Quality Model of the South Slough of Redwood Creek	1990: 4a
Vina, Michael D.	Design of a Private Drinking Water System	1990: 5a
Rogers, Carol Bernardo	A Cost Effective Sludge Dewatering System as part of a Sludge Management Program for the Rio Dell Wastewater Treatment Plant	1990: 6b
Morley, Theresa L.	Thermodynamic Analysis of the Experimental Results of a Coupled Refrigerator/Water Heater System	1990: 7a
Hill, Lawrence Granville III	Household Hazardous Waste Public Awareness Manual for Alternatives, Reuse, Recycling, and Disposal	1990: 9a
Nolan, Robert G.	Upgrade of Oxidation Ponds to Remove Effluent Algae	1990: 10a
Guihan, Matthew T.	Storm Sediment Yield Prediction For Highway Construction Slopes on the Redwood Park Bypass	1990: 12a
Hillger, Dell	The Feasibility of Harvesting and Hydrolyzing Wetland Cattails to Produce Ethanol Fuel for Arcata City Vehicles	1990: 12b

Matsukawa, Joy M.	Optimal Conjunctive Use Management Model for the Mad River Basin	1990: 12c
Zoellick, James I.	Testing and Matching Photovoltaic Modules to Maximize Solar Electric Array Performance	1990: 12e

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Repp, Daniel	Performance of an Organic Vapor Analyzer Used to Measure Total Hydrocarbon Concentrations in Contaminated Soil	1991: 1a
Finn, Michael	Stability Analysis of Naturally Formed Slopes at Big Lagoon, California	1991: 2a
Rohn, Alexander D.	Preliminary Calorimetry Room Design for Humboldt State University	1991: 5a
Losee, Katrina	Methane as Renewable Resource: Design and Construction of an On-Campus Methane Digester	1991: 7a
McKeon, Cathy Ann (Madden)	Design of a Residential Photovoltaic System	1991: 8a
Gumtow, Karen	An Energy Conservation Guide for the Senior resource Center in Eureka, CA	1991: 10a
Christian, Vincent A.	Nitrification / Denitrification in Arcata's Wastewater Treatment System	1991: 12a
Adair, Christopher	A Hydrologic Balance for the Humboldt Nursery	1991: 12d
Dailey, Scott A.	Household Battery Collection and Disposal Contingency Plan for Humboldt County	1991: 12e
Hagberg, Thomas D.	Jolly Giant Creek and Marsh Enhancement Project	1991: 12f
Murphy, Timothy P.	Operation and Maintenance Manual for the Schatz Solar Hydrogen Project Renewable Energy Power System	1991: 12g

1992

Dubrow, Mark	Evaluation of a Remotely Piloted Model Helicopter for Environmental Monitoring	1992: 1a
Hemberger, Robert	Design of a Trout Pond in Brookings. Oregon	1992: 2a
Barsanti, Patrick	Sampling Heavy Metals in Storm Runoff at Louisiana-Pacific's Ukiah Wood Treatment	1992: 4a
Thompson, Todd	design of a Relacement Wastewater Treatment and Disposal Systemn for Larrupin' Café	1992: 5a
Richards, John	Thermal Conductivity of Rammed Earth	1992: 7a