Revital Katznelson

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EDUCATION

Ph. D. Biochemistry, Hebrew University of Jerusalem, Israel, 1984.
Thesis: "Investigation of Protein Degradation in Animal Cells by Erythrocyte-Ghost Mediated Microinjection".

M. Sc. Microbial Ecology, Hebrew University of Jerusalem, Israel, 1975
Thesis: "A Marine Bacterium Capable of Continuous Luminescence"

B. Sc. Biology, Hebrew University of Jerusalem, Israel, 1972. (with honors)
Major: Microbiology and Zoology.

PROFESSIONAL HISTORY

Instructor University of California Extension, Berkeley, 2006 - Present

Courses:

- Water Quality Monitoring Design, taught in October 2006, August 2007, March 2008, August 2008, August 2009, September 2010, September 2012, January 2014, and October 2014.
- Hands-On Planning for Environmental Monitoring, taught in August 2008, August 2009.

Independent Contractor, Various projects, 2006 - Present

Projects:

- Lead on the "Algae and Nutrients Report" and the "Status and Trends Report" for the North Coast Regional Board chapter of the Surface Water Ambient Monitoring Program (2013–present)
- Lead on the "Years 8 to 10 Interpretive Report" for SF Bay Regional Board chapter of the Surface Water Ambient Monitoring Program (2010-2012)
- Development and teaching of a two-day course "Quality Assurance for Water Quality Monitoring" for Department of Water Recourses staff training (June 2010, August 2010, April 2011, May 2012, May 2013, September 2014).
- Creation and development of a Data Quality Management Functions Time-Line for Sensors with the Aquatic Sensors Workgroup of the Methods and Data Comparability Board, affiliated with the National Water Quality Monitoring council (2012)
- Development of SWAMP Field Methods Distance Learning Course Part 2, Module 7 (physical and biological assessments) for SWRCB Training Academy, in collaboration with UC Davis Extension (2009-2012).
- Development and teaching of a training workshop on the use of the Quality Assurance Matrix at the 7th National Water Quality Monitoring conference, Denver, April 2010.
- Creation and development of a Quality Assurance Matrix for Sensors data collection efforts with the Sensors QA Initiative workgroup of the Methods and Data Comparability Board, affiliated with the National Water Quality Monitoring council (2009)

- Lead on the development of a Water Quality Data Elements list with the Sensors QA Initiative workgroup of the Methods and Data Comparability Board, affiliated with the National Water Quality Monitoring council (2009-2012).
- Development and application of the FlexiGrid Templates to field data entry, management, and Endpoint derivation for physical habitat and biological assessments, with the SF Bay Regional Board chapter of the Surface Water Ambient Monitoring Program (2007-2012)
- Spatial Data Management and Endpoint Derivation using the FlexiGrid concept, performed for the Alameda County Clean Water Program's Pilot Physical Habitat Assessment (2008)
- Lead on the "Year 4&5 Interpretive Report" for SF Bay Regional Board chapter of the Surface Water Ambient Monitoring Program (2007-2008)
- Lead on the "Year 3 Interpretive Report" for SF Bay Regional Board chapter of the Surface Water Ambient Monitoring Program (2006-2007)

Environmental Scientist, Range C California State Water Resources Control Board (SWRCB), 2000-2006.

Major Topics:

- Development of training courses, distance learning modules, and Expert Systems contents for the Surface Water Ambient Monitoring Program (SWAMP). [more info in SJSUF resumees]
- Teaching frontal training workshops (e.g., Monitoring design, Data Quality, Train the Trainer) for SWAMP audiences, Waterboards staff, and leaders of Citizen Monitoring Groups.
- Liaison with the Water Quality Data Element workgroup of the Methods and Data Comparability Board, and participation in the National Water Quality Monitoring Conferences.
- Development of a comprehensive Data Quality Management system for field water quality measurements; provision of training and technical support to implement this tool among multiple citizen groups in California; development of Fact Sheets, Information Papers, and Standard Operating Procedures in support of the Data Quality Management system; and compilation of these and other materials for the Clean Water Team guidance compendium (the Clean Water Team is the citizen monitoring program of the SWRCB).

Assistant Project Scientist, Project Scientist, and Senior Project Scientist, Woodward-Clyde Consultants and URS Greiner Woodward Clyde, USA, 1992-2000.

Major Topics:

Occurrence, transport and fate of diazinon and chlorpyrifos in urban creeks (1993 –1999): This topic includes several special studies conducted for the Alameda County flood Control and Water Conservation District. The studies covering aspects of diazinon toxicity and spatial

distribution of diazinon in runoff, dry weather flows, and sediments in urban watersheds in Alameda County, CA; compilation of diazinon occurrence, toxicity and impact information in a "White Paper"; creation and testing of a creekside flowthrough toxicity testing system that provides realistic exposure scenarios with laboratory and indigenous test organisms, and other studies related to organophosphate pesticides and their impact.

Citizen monitoring support (1995-1999): Management, training, and technical support for watershed monitoring by citizen volunteers in San Leandro Creek and other creeks in Alameda County, CA. Testing and selecting monitoring methods to meet Program's quality objectives. Creating data-reporting formats with built-in documentation and quality assurance information. Development and implementation of a simplified toxicity testing protocol for science students and a classroom curriculum for teaching aquatic toxicity.

DUST Marsh long Term evaluation (1995 –1997): Measurements of the concentrations of organic contaminants (Diazinon, PAH, DDT, etc.) and heavy metals in sediments in Crandall Creek and the Demonstration Urban Stormwater Treatment (DUST) Marsh in Fremont, CA, to assess accumulation, enrichment, and persistence of stormwater-derived constituents over time, and to evaluate the risk to the creek-marsh stormwater treatment system itself.

Immunoassay laboratory support (1995 –1999): Testing and implementation of methodology for detection of organic contaminants in water and sediments using immunoassay techniques (ELISA), and training Alameda County personnel to perform in-house ELISA analyses.

Stormwater toxicity endpoints and database (1994 -1995): Development of toxicity endpoints for stormwater testing and construction of *Ceriodaphnia,* fish, and algae toxicity database for storm water samples of the Alameda, Contra Costa, and Santa Clara Counties non-point source monitoring during 1989-1995.

DUST Marsh toxicity study (1991 –1994): Study of the spatial and temporal variations in toxicity in the Demonstration Urban Stormwater Treatment Marsh (Fremont, CA) during wet weather, and evaluation of the effect of structural modifications on toxicity removal in the Marsh.

Visiting Scientist, Lawrence Berkeley Laboratory, USA, 1991-1992.

Major Topics:

Toxicity studies in the San Francisco Bay Area (1991-1992): Hands-on toxicity tests using a variety of freshwater and marine test species. Dry weather sampling at various locations in the South Bay, Central Bay, San Pablo Bay, Suisun Marsh, and in adjacent wetlands, followed by toxicity testing. Participation in pore-water toxicity testing for the sediment gradient study of the Pilot San Francisco Bay Regional Monitoring Program. Initiation of the Demonstration Urban Stormwater Treatment (DUST) Marsh wet weather toxicity study.

Research Associate, Microbial and Molecular Ecology Division, Hebrew University of Jerusalem, Israel, 1984-1990.

Major Topics:

Performance of sewage treatment ponds, lagoons, and groundwater recharge basins in Israel (1984 –1990): This topic includes a variety of studies conducted in various aquatic systems in Israel through the Hebrew University of Jerusalem:

- Population dynamics and nitrogen removal in experimental maturation ponds at the Dan Region Wastewater Reclamation Project. Nitrogen transformations and nitrification potential in activated sludge and in oxidation ponds effluents.
- Seasonal variations in biota, water quality, hydrology and performance of recirculated oxidation ponds at the Dan Region Project.
- Characterization of water quality parameters and of phytoplankton and zooplankton populations in stratified effluent reservoirs in the Judean Plain, to select the best pumping-depth for drip irrigation systems.
- Ecological requirements of cyanobacterial mats that clog groundwater recharge basins of the Dan Region Project. Development of night-flooding regime for recharge basins.
- Methodology for analysis of particulate matter in freshwater reservoirs. Development of an original dye-binding assay for determination of suspended solids.

Teaching Assistant, Institute of Life Sciences, Hebrew University of Jerusalem, Israel, 1979-1983.

Courses Taught:

- Introduction to Ecology (1979, 1980, 1981, 1982, 1983). A full trimester course, given annually to first-year biology students to provide fundamental concepts in ecology. The practical teaching involved field work in aquatic ecosystems (e.g., measurements of water quality with instruments and kits, sampling and identification of biota, assessments of habitats) and terrestrial systems (estimation of standing crop, identification of food webs, etc.), as well as laboratory work (e.g. comprehensive experiments in biogeochemistry, nutrient recycling, predator-prey, etc.).
- EMBO practical course in microinjection techniques (1983). A three week block course providing specific training to Israeli and international participants.
- Biochemistry (1979). This two-trimester course was given to third-year biology students, providing advanced experimentation with subcellular structures (Membranes, organelles) and with protein chemistry techniques.

Laboratory Technician,

- HUJ, Zoology Department, 1977-1978. Free-living nematodes as food for fish fry.
- HUJ, Botany Department, 1975-1976. Mass-culture of halophilic algae.
- Mekorot Water Co., Nessin Laboratory, 1970,1971. Freshwater reservoirs.

WORKGROUP PARTICIPATION

Water Quality Data Elements workgroup of the Methods and Data Comparability Board, affiliated with the National Water Quality Monitoring Council**,** 2004 - present
Aquatic Sensors Workgroup of the Methods and Data Comparability Board, affiliated with the National Water Quality Monitoring Council**,** 2008 - present

AFFILIATIONS

Multiple scientific Societies in Europe and Israel (1980-1990)
Society of Environmental Toxicology and Chemistry (1991-2003)

CERTIFICATIONS

Health and Safety Training, 40 hour course (OSHA 29 CER 1910.120), 1995

DOCTORAL AND POST-DOCTORAL PROFESSIONAL VISITS

1989 – Australia:

- Werribee Sewage Complex (Melbourne): performance of maturation ponds.
- Lower Molonglo Project (Canberra): Intensive nitrification-denitrification systems
- CSIRO Campus and Monash University (Melbourne): "Specialized Sludge" for nitrogen or phosphorus removal from water.

1988 - U.K., Cardiff university:

- Microbial simulation systems
- Cellular adhesion and biofilms.

1986 - U.K., Freshwater Biology Association Laboratory (Windermere):

- Phytoplankton assemblages in oligotrophic and eutropic lakes
- Algal succession and nitrogen transformation in deep reservoirs.

1984 - U.K., Water Research Center (Medmenham):

- Groundwater recharge practices.

1981 – USA, Columbia University, NY:

- Microinjection experiments with virus-mediated cell fusion.

PUBLICATIONS

Reviewed Papers

Katznelson, R. and Ulitzur, S. (1977) Control of luciferase synthesis in a newly isolated strain of *Photobacterium leiognathi. Arch. Microbiol*. **15**:347-351.

v. Hofsten, A., Kahan, D., Katznelson, R. and Bar-El, T. (1983) Digestion of free-living nematodes fed to fish. *J. Fish Biol.* **23**:419-428.

Katznelson, R. and Kulka, R.G. (1983) Degradation of microinjected methylated and unmethylated proteins in Hepatoma Tissue Culture cells. *J. Biol. Chem*. **258**:9597-9600.

Katznelson, R. and Kulka, R.G. (1985) Effects of denaturation and methylation on the degradation of proteins in cultured Hepatoma cells and in reticulocyte cell-free systems. *Eur. J. Biochem.* **146**:437-442.

Katznelson, R. and Kulka, R.G. (1985) Effects of denaturation and methylation on the degradation of proteins in cultured Hepatoma cells and in reticulocyte cell-free systems. in: Intracellular Protein Catabolism. pp. 483-485. Alan R. Liss, Inc.

Katznelson, R. (1986) Cyanobacterial mats in groundwater recharge basins of the Dan Region Wastewater Reclamation Project. in: Environmental Quality and Ecosystem Stability, Vol.III A/B, pp. 933-939. Bar Ilan University Press, Ramat-Gan, Israel. Editors: Z. Dubinsky and Y. Steinberger.

Katznelson, R. (1989) Clogging of groundwater recharge basins by cyanobacterial mats. *FEMS Microbiol. Ecology* **62**:231-242.

Katznelson, R. (1990) Dye-binding assay for the determination of sub-milligram quantities of suspended solids in freshwater. *Experientia* **46**:114-117.

Katznelson, R. Jewell, W.T., and Anderson, S.L. (1995) Spatial and temporal variations in toxicity in a marsh receiving urban runoff. *Environ. Toxicol. Chem.* **14**:471-482.

Patents

Katznelson, R. (2000). "Flow through system and method for toxicity testing". US Patent No. 6,093,566 July 25, 2000.

Conference Presentations

Katznelson, R., Kulka, R.G. and Loyter, A. (1980) Degradation of proteins microinjected into Hepatoma cells in culture. in: Abstracts of the 13th FEBS Meeting, August 24-29, 1980, Jerusalem. Israel Biochemical Society. Poster, p.247.

Katznelson, R., Loyter, A. and Kulka, R.G. (1981) Degradation of proteins microinjected into cultured Hepatoma cells: Effect of methylation of amino groups. in: Abstracts of the Annual meeting of the Israel Biochemical Society, 12-13 April 1981, Jerusalem. Reprint from Israel J. Med. Sci., Jerusalem. p.35

Katznelson, R. (1985) Clogging of the bottom of recharge basins by cyanobacterial mats. in: Proceedings of the Seminar "Surface Water Reservoirs in Israel", June 1985. editors: M. Waldman and M. Inbar (Hebrew).

Katznelson, R. (1986) Cyanobacterial mats in groundwater recharge basins of the Dan Region Wastewater Reclamation Project. in: Environmental Quality and Ecosystem Stability, Vol.III/B, Proceedings of the Third International Conference of the Israel Society for Ecology & Environmental Quality Sciences, June 1-4, 1986, Jerusalem, Israel. (also see Reviewed Papers, above, item #6)

Katznelson, R. (1988) Clogging of groundwater recharge basins by cyanobacterial mats. in: Abstracts of the Annual meeting of the Israel Society for Microbiology, 8-9 February 1988, Tel-Aviv. p.25.

Katznelson, R., Jewell W.T. and Anderson, S.L. (1993) Variations in toxicity in the DUST marsh. in: Abstracts of the annual meeting of the NorCal Society of Environmental Toxicology and Chemistry, 21 May 1993, Sacramento, CA.

Katznelson, R. and Cooke, T.D. (1993) Techniques for deriving additional information from chronic toxicity tests with *Ceriodaphnia dubia*. in: Proceedings of the workshop "Toxicity Identification Evaluations in the San Francisco Bay Region: Lessons Learned," September 30 and October 1, 1993, Richmond, CA.

Katznelson, R. and Wetzig, R. (1994). Use of toxicity testing to evaluate performance of a stormwater treatment marsh. in: Proceedings of the Western Wetland II conference, September 18-20, 1994, Berkeley, CA.

Katznelson, R. and Markel, R.P. (1995). Patterns of Storm Runoff Toxicity to Freshwater Organisms. in: Abstracts of the annual meeting of the NorCal Society of Environmental Toxicology and Chemistry, 14-15 July 1995, Santa Cruz, CA.

Katznelson, R. (1995). Use of Immunoassay Techniques for PCB Analyses in Sediments. in: Abstracts of the annual meeting of the NorCal Society of Environmental Toxicology and Chemistry, 14-15 July 1995, Santa Cruz, CA.

Katznelson, R. and Markel, R.P. (1995) Expression of Storm Water Runoff Toxicity in Three Test Organisms. Poster presentation. Second SETAC World Congress (16th Annual Meeting), 5-9 November 1995, Vancouver, British Columbia.

Katznelson, R., and Wetzig, R. (1996). Diazinon in Sediments of Urban Creeks in Alameda County, CA. in: Abstracts of the sixth annual meeting of the NorCal Society of Environmental Toxicology and Chemistry, 24-25 June 1996, Sacramento, CA.

Scanlin, J., Feng, A.Y., and Katznelson, R. (1996). Diazinon in Storm Water Runoff in Residential Watersheds in Alameda County, CA. in: Abstracts of the sixth annual meeting of the NorCal Society of Environmental Toxicology and Chemistry, 24-25 June 1996, Sacramento, CA.

Katznelson, R., and Starrett, G. (1997). Teaching Aquatic toxicity Testing to Science Students. in: Abstracts of the 18th annual meeting of the National Society of Environmental Toxicology and Chemistry, 16-20 November 1997, San Francisco, CA.

Katznelson, R. (1997). Urban Runoff Toxicity and Diazinon Concentrations in the San Francisco Bay Area. in: Abstracts of the 18th annual meeting of the National Society of Environmental Toxicology and Chemistry, 16-20 November 1997, San Francisco, CA.

Katznelson, R., daCosta, E, and A.Y. Feng (1998). Creekside Flowthrough System for Toxicity Testing at Realistic Exposure Scenarios.. in: Abstracts of the eighth annual meeting of the NorCal Society of Environmental Toxicology and Chemistry, 22-23 June 1998, Reno, NV.

Katznelson, R. (1998). Tailoring of Data Quality Objectives to Specific Monitoring Questions. in: Proceedings of the First National Monitoring Conference of the National Water Quality Monitoring Council, "Monitoring: Critical Foundations to Protecting Our Waters", July 7-9, 1998, Reno, NV.

Katznelson, R. (1999). Urban Stormwater Runoff Toxicity Testing: Purpose, Findings, and Uncertainties. in: Abstracts of the joint annual meeting of the NorCal and SoCal chapters of the Society of Environmental Toxicology and Chemistry, April 26-27, 1999, Concord, CA.

Katznelson, R (1999). Urban Runoff Toxicity and Diazinon in the San Francisco Bay Area. in: Abstracts of the 7th International Conference of the Israel Society of Ecology and Environmental Quality Sciences, June 13-18, 1999, Jerusalem, Israel.

Katznelson, R. (2002). Letting Monitoring Data Speak for Themselves. in: Proceedings of the third National Monitoring Conference of the National Water Quality Monitoring Council, "Building a Framework for the Future", May 19-23, 2002, Madison, WI.

Katznelson, R. and D. Wilcox (2004). From Wildcat Creek to STORET: Journey of Data. Poster presented at the fourth National Monitoring Conference of the National Water Quality Monitoring Council, "Building and Sustaining Successful Monitoring Programs", May 17-20, 2004, Chattanooga, TN.

Katznelson, R. (2006). What is Representativeness and why are we confused. in: Proceedings of the fifth National Monitoring Conference of the National Water Quality Monitoring Council, "Monitoring Networks: Connecting for Clean Water", May 7-11, 2006, San Jose, CA.

Katznelson, R. (2006). Data Capture, Quality Management, and Storage Tools for Citizen Monitoring Groups. in: Proceedings of the fifth National Monitoring Conference of the National Water Quality Monitoring Council, "Monitoring Networks: Connecting for Clean Water", May 7-11, 2006, San Jose, CA.

Katznelson, R. (2008). The FlexiGrid: a universal spatial sampling frame. in: Proceedings of the sixth National Monitoring Conference of the National Water Quality Monitoring Council, "Monitoring: Key to Understanding our Waters", May 18-22, 2008, Atlantic City, NJ.

Katznelson, R. (2008). Unifying concepts in environmental monitoring.. in: Proceedings of the sixth National Monitoring Conference of the National Water Quality Monitoring Council, "Monitoring: Key to Understanding our Waters", May 18-22, 2008, Atlantic City, NJ.

Katznelson, R. (2010). An Integrated List of Data Elements: Unifying Concepts in Action. In: Proceedings of the 7th National Water Quality Monitoring Conference, April 26-29, 2010, Denver, CO. Poster Session in: http://acwi.gov/monitoring/conference/2010/index.html

Katznelson, R and D. J. Sullivan (2012). From Quality Assurance to Data Elements: Making the Connections for Sensors. In: Proceedings of the 8th National Water Quality Monitoring Conference, April 30-May 4, 2012, Portland, OR. Section G3 in: http://acwi.gov/monitoring/conference/2012/index.html

Katznelson, R. (2014). Managing Spatial Data: The FlexiGrid Experience. In: Proceedings of the 9th National Water Quality Monitoring Conference, April 29 – May 1, 2014, Cincinnati, OH. Session I6 in: http://acwi.gov/monitoring/conference/2014/index.html

Katznelson, R. (2014). Sensor Signal Integrity and Data Quality Management: Who is Doing What?. In: Proceedings of the 9th National Water Quality Monitoring Conference, April 29 – May 1, 2014, Cincinnati, OH. Session G3 in: http://acwi.gov/monitoring/conference/2014/index.html

Katznelson, R. (2016). QA/QC Demystified: The Case for Quality Checks. In: Proceedings of the 10th National Water Quality Monitoring Conference, May 2 – May 6, 2016, Tampa, FL. Poster Session in: http://acwi.gov/monitoring/conference/2016/index.htm

Research Reports and Guidance Documents

Katznelson, R. (1986) Recharge basins of the Dan Region Project as an ecosystem: Clogging by cyanobacterial mats. in: Scientific report of the Center for Reservoirs Research, year 1984/85. pp. 1-36.(Hebrew).

Katznelson, R. (1987) Experimental night-flooding of recharge basins at the Dan Region Project. in: Scientific report of the Center for Reservoirs Research, year 1985/86. pp.1-19. (Hebrew).

Niv, A. and Katznelson, R. (1987) Limnological and biological survey of a deep effluent reservoir ("Nahshon") during the summer of 1986. *ibid*, pp. 53-73. (Hebrew).

Katznelson, R. (1987) Recharge of Activated-Sludge effluent to the new recharge basins at the Yavne site: First year of operation. in: Scientific report of the Center for Reservoirs Research, year 1987. pp.1-12. (Hebrew).

Katznelson, R., Dimentman, H., Ben-Harim, I. and Steinhauer, Z. (1988) Elaboration of methods for quantitative and qualitative analyses of particles accumulated by the Screen Water Filterability Test apparatus. Special report of the Center for Reservoirs Research. pp. 1-38. (Hebrew).

Katznelson, R. and Diab, S. (1989) Investigation of the oxidation ponds at the Dan Region Wastewater Reclamation Project. Special report of the Center for Reservoirs Research. pp. 1-61. (Hebrew).

Katznelson, R. (1990) Population dynamics at three trophic levels in experimental maturation ponds at the Dan Region Wastewater Reclamation Project. in: Scientific report of the Center for Reservoirs Research, year 1989/90. pp. 1-42. (Hebrew).

Katznelson, R. and Dimentman, H. (1991) Comprehensive study of maturation ponds receiving oxidation-pond effluent. Special report of the Center for Reservoirs Research. pp. 1-53. (Hebrew).

Katznelson, R., Jewell W.T. and Anderson, S.L. (1993). Spatial and temporal variations in toxicity in a marsh receiving urban runoff. Lawrence Berkeley Laboratory, Publication # 32837.

Katznelson, R. and Mumley, T. E. (1997) Diazinon in surface waters in the San Francisco Bay Area: Occurrence and potential impact. Report prepared for the Alameda Countywide Clean Water Program and the Alameda County Flood Control and Water Conservation District, Hayward, CA, submitted to the California State Water Resources Control Board, Sacramento, CA, June 1997.

Katznelson, R. 1997. A simplified acute toxicity testing protocol with *Ceriodaphnia dubia*. Guidance document prepared for the Alameda Countywide Clean Water Program, Hayward, CA and the Contra Costa Clean Water Program, Martinez, CA, November 1997. Section 3.7.1 in http://www.waterboards.ca.gov/water_issues/programs/swamp/cwt_guidance.shtml

Katznelson, R. and A. Y. Feng, 1998. Toxicity Testing Protocol for Science Students: Teacher's Manual and Classroom Handbook. Guidance document prepared for the Contra Costa Clean Water Program, Martinez, CA, and the Alameda Countywide Clean Water Program, Hayward, CA, October 1998.

Katznelson, R. and A. Y. Feng (1998). ELISA Measurement of Diazinon in Water and Sediment: Principles and Operating Procedures. Guidance document prepared for the Alameda County Flood Control and Water Conservation District, Hayward, CA, September 1998 (Draft).

Katznelson, R. (1998) Wet Sieving for sediment fractionation by grain size and by density. Experimental procedure prepared for Woodward Clyde Consultants, Oakland, CA. October 1998.

Katznelson, R., DACosta, E, and A.Y. Feng. 1999. Use of Creekside Flowthrough System for Assessment of Toxicity Realistic Exposure Scenarios. Interim report prepared for the Alameda County Flood control and Water Conservation District and the Alameda Countywide Clean Water Program, Hayward, CA. September.

Dr. Katznelson is also the author of the following Woodward-Clyde publications:

Woodward-Clyde Consultants (WCC). 1994. DUST Marsh Special Study FY 92-93. Report prepared for Alameda County Urban Runoff Clean Water Program, Hayward CA. April 1994.

Woodward-Clyde Consultants (WCC) 1994 Storm water toxicity reporting: laboratory guidance. Prepared for the Alameda County Urban Runoff Clean Water Program, Hayward, CA. July.

Woodward-Clyde Consultants (WCC). 1995. DUST Marsh Special Study FY 93-94. Report prepared for Alameda County Urban Runoff Clean Water Program, Hayward CA. January.

Woodward-Clyde Consultants (WCC). 1996. Watershed Monitoring by Volunteers, FY 94-95 Pilot Study. Report prepared for Alameda Countywide Clean Water Program, Hayward, CA, May 1996.

Woodward-Clyde Consultants (WCC). 1996. Sediment Diazinon Special Study. Report prepared for Alameda County Urban Runoff Clean Water Program, Hayward CA. December 1996.

Woodward Clyde Consultants (WCC).1997. Septic Tank Special Study proposed by the City of Orinda: Conceptual scope of work. CSOW prepared for the Contra Costa Clean Water Program, Martinez, CA, January 1977.

Woodward-Clyde Consultants (WCC). 1997. Summer ecological study of Lakeshore Park, Newark. Report prepared for the City of Newark, CA, April 1997.

Woodward-Clyde Consultants (WCC). 1998. San Leandro Creek Watershed Monitoring by Volunteers, FY 1995-96. Report prepared for Alameda Countywide Clean Water Program, Hayward, CA, January 1998.

Woodward-Clyde Consultants (WCC) 1998. DUST Marsh Long Term Evaluation. Report prepared for Alameda Countywide Clean Water Program, Hayward, CA, September 1998.

Woodward-Clyde Consultants (WCC). 1999. Volunteers Monitoring in San Leandro Creek Watershed: Technical summary report 1995-1998. Report prepared for Alameda Countywide Clean Water Program, Hayward, CA, July 1999.

URS Greiner Woodward-Clyde (URSGWC). 1999. Diazinon in Dry Weather Flows and Sediments, 1996-1998. Report prepared for Alameda Countywide Clean Water Program, Hayward, CA. December.

URS Greiner Woodward-Clyde (URSGWC). 1999. Tule Pond baseline characterization. Report prepared for Alameda Countywide Clean Water Program, Hayward, CA. Draft, to be finalized in November.

URS Greiner Woodward Clyde (URSGWC) 1999. Watershed monitoring: A compendium of Information Papers and Standard Operating Procedures. Prepared for the Alameda County Flood Control and Water Conservation District, Hayward, CA. December.

URS Greiner Woodward Clyde (URSGWC) 1999. Roadmap and search engine for BASMAA Special Studies Bibliography. Prepared for the Alameda Countywide Clean Water Program, Hayward, CA. December.

Dr. Katznelson is also the author of numerous Guidance Documents written for the State Water Resources Control Board (SWRCB). These include Fact Sheets, Information Papers, and Standard Operating Procedures (SOP), and are available on the Clean Water Team webpage of the SWRCB.

(example) "Clean Water Team (CWT) 2004. Measurement of Electrical Conductivity Using a Pocket Meter, DQM SOP-3.1.3.1. in: The Clean Water Team Guidance Compendium for Watershed Monitoring and Assessment, Version 2.0. Division of Water Quality, California State Water Resources Control Board (SWRCB), Sacramento, CA."

Dr. Katznelson has been the lead and first author in the following Interpretive Reports:

San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). 2007. Water Quality Monitoring and Bioassessment in Four San Francisco Bay Region Watersheds in 2003-2004: Kirker Creek, Mt. Diablo Creek, Petaluma River, and San Mateo Creek. (Year 3 Report). Surface Water Ambient Monitoring Program, San Francisco Bay Regional Water Quality Control Board, Oakland, CA

San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). 2008. Water Quality Monitoring and Bioassessment in Selected San Francisco Bay Region Watersheds in 2004-2006. (Years 4&5 Report). Surface Water Ambient Monitoring Program, San Francisco Bay Regional Water Quality Control Board, Oakland, CA

San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). 2012. The Reference Site Study and the Urban Gradient Study Conducted in Selected San Francisco Bay Region Watersheds in 2008-2010 (Years 8 to 10). Surface Water Ambient Monitoring Program, San Francisco Bay Regional Water Quality Control Board, Oakland, CA.