

**JOSE DANIEL SETKA**  
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**EDUCATION:**

1993 Bachelor of Science in Wildlife and Fisheries Biology  
University of California, Davis.

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**PROFESSIONAL EXPERIENCE:**

**2013 – Present:**       **Manager**  
                                  **Fisheries & Wildlife Division**  
                                  **East Bay Municipal Utility District**

**2008 – 2013:**       **Supervising Fisheries & Wildlife Biologist**  
                                  **Fisheries & Wildlife Division**  
                                  **East Bay Municipal Utility District**

**1995 – 2008:**       **Fisheries & Wildlife Biologist**  
                                  **Fisheries & Wildlife Division**  
                                  **East Bay Municipal Utility District**

**1992 – 1995:**       **Fisheries Biologist**  
                                  **Natural Resources Consulting Services**

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**PUBLICATIONS:**

Sabal, M., S. Hayes, J. E. Merz, and J. D. Setka. 2016. Habitat Alterations and a Nonnative Predator, the Striped Bass, Increase Native Chinook Salmon Mortality in the Central Valley, California. *North American Journal of Fisheries Management*. (in-press)

Merz, J.E., D.G. Delaney, J.D. Setka, and M.L. Workman (2015). Seasonal Rearing Habitat in a large Mediterranean-climate river: Implications at southern extent of Pacific salmon (*Oncorhynchus* spp.) *River Res. Applic.* (in-press)

Cavallo, B., Merz J., and Setka J., 2012. Effects of predator and flow manipulation on Chinook salmon (*Oncorhynchus tshawytscha*) survival in an imperiled estuary. *Environ. Biol. Fish.*, DOI 10.1007/s10641-012-9993-5.

Merz, J.E., J. R. Smith, M. L. Workman, J. D. Setka, and B. Mulchaey. 2008. Aquatic Macrophyte Encroachment in Chinook Salmon Spawning Beds: Lessons Learned from Gravel Enhancement Monitoring in the Lower Mokelumne River, California. *North American Journal of Fisheries Management*. 28: 1568-1577.

Merz, J.E., Setka, J.D., Pasternack, G.B., and J.M. Wheaton. 2004. Predicting fry production benefits from salmonid spawning habitat rehabilitation in a regulated California river. *Canadian Journal of Fisheries and Aquatic Sciences*. 61:1433-1446.

Merz, J.E. and J.D. Setka. 2004. Evaluation of a spawning habitat enhancement site for chinook salmon in a regulated California river. *North American Journal of Fisheries Management*. 24:397-407.

Setka, J.D. and Cech, J.J. 1994. Blood and muscle characteristics of leopard shark (*Triakis semifasciata*) and brown smoothhound (*Mustelus henlei*). *California Fish and Game*. (80):89-96.

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## PRESENTATIONS:

Setka, J. D. 2015. Managing Fisheries during Drought Conditions: Maximizing the Effectiveness of Limited Water Supplies. 2015 Association of California Water Agencies Spring Conference, Sacramento, CA.

Setka, J. D. and M. Workman. 2015. Management tools to mitigate drought effects in the lower Mokelumne River. 2015 Cal-Neva Chapter Meeting of the American Fisheries Society, Santa Cruz, CA.

Sabal, M., S. A. Hayes, M. Carr, J. Merz, J. Setka, C. D. Real, and R. Bilski. 2013. Striped Bass Predation on Juvenile Salmon: Take 'Em or Leave 'Em. 2013 American Fisheries Society Annual Meeting, Little Rock, AR.

Poletto, J. B., P. T. Sandstrom, J. D. Setka, C. D. Real, R. Battleson, and A. P. Klimley. 2013. Effects of Environmental Enrichment on the Survival and Movement Patterns of Hatchery Reared Steelhead. 2013 American Fisheries Society Annual Meeting, Little Rock, AR.

Setka, J. D., J. Israel, J. Johnson, D. Ratcliff, and R. Vincik. 2012. Flows, Gates, Trucks, and Chinook Salmon: Collaborative approaches to adaptive management in the Lower Mokelumne River. 2012 Bay-Delta Science Conference, Sacramento, CA.

Bilski, Robyn, E. Rible, J. D. Setka, and J. Shillam. 2011. Implementation and Monitoring of a Reach-Scale Rehabilitation Project on the Lower Mokelumne River, California. 2011 Cal-Neva Chapter Meeting of the American Fisheries Society, Sacramento, CA.

Setka, J. D. 2010. Accomplishing the Mission of Mitigation in an ever Changing Regulatory Climate: The Case of the Mokelumne River Fish Hatchery. 2010 Salmonid Restoration Federation annual meeting, Redding, CA.

Setka, J. D. 2008. Using GIS in salmonid spawning surveys: A valuable tool for designing projects and measuring success. 2008 Salmonid Restoration Federation annual meeting, Lodi, CA.

Setka, J.D. and J.E. Merz. 2001 Mokelumne River Spawning Habitat Improvement Project. 2001 Cal-Neva Chapter Meeting of the American Fisheries Society, Santa Rosa CA.

Merz, J.E. and J.D. Setka. 1999. Use of an abandoned gravel mine by juvenile fall-run chinook salmon and steelhead: A useful salmonid ecosystem component? 1999 Cal-Neva Chapter Meeting of the American Fisheries Society, Redding, CA.

Setka, J.D. 1998 Habitat usage of spawning fall-run chinook salmon (*Oncorhynchus tshawytscha*) in the lower Mokelumne River 1994-1997. 1998 Western Division Meeting of the American Fisheries Society, Sacramento, CA.

Setka, J.D. 1998. Yellow perch (*Perca flavescens*): a historical perspective of an introduction in Lafayette Reservoir, Ca. 1998 California Lake Management Society Conference, Corte Madera, CA.

Setka, J.D. 1999 Habitat usage of spawning fall-run chinook salmon (*Oncorhynchus tshawytscha*) in the Lower Mokelumne River 1994-1998. 1999 Central Valley Salmonid Workshop, Bodega Bay, CA.

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## REPORTS:

Setka, J.D. and J. Bishop. 2003. Fall-run chinook salmon (*Oncorhynchus tshawytscha*) and steelhead trout (*O. mykiss*) spawning survey, September 2002 through March 2003, Mokelumne River, California. EBMUD, Orinda CA. 27pp.

Setka, J.D. 2001. Moraga Creek Bioassessment Survey. EBMUD, Orinda CA. 5pp.

Setka, J.D. 2000. East Bay Aquatic Resource Management Plan. EBMUD, Orinda CA. 10pp.

Setka, J.D. 2000. Fall-run chinook salmon (*Oncorhynchus tshawytscha*) and steelhead trout (*O. mykiss*) spawning survey, September 1999 through January 2000, Mokelumne River, California. EBMUD, Orinda CA. 28pp.

Setka, J.D. 1999. Fall-run chinook salmon (*Oncorhynchus tshawytscha*) and steelhead trout (*O. mykiss*) spawning survey, September 1998 through January 1999, Mokelumne River, California. EBMUD, Orinda CA. 36pp.

Setka, J.D. 1998. Lower Mokelumne River chinook salmon (*Oncorhynchus tshawytscha*) spawning survey report for Fall/Winter 1997. EBMUD, Orinda CA. 41pp.

Setka, J.D. 1998. Invertebrate Bioassessment of San Pablo Creek. EBMUD, Orinda CA. 18pp.

Setka, J.D. 1997. Electrofishing survey report for San Pablo, Briones, Lafayette, and Upper San Leandro reservoirs winter 1997. EBMUD, Orinda CA. 29pp.

Setka, J.D. 1997. 1996 Lower Mokelumne River chinook salmon (*Oncorhynchus tshawytscha*) spawning survey report. EBMUD, Orinda CA. 60pp.

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**POSTERS:**

Setka, J., Mulchaey, B., and T. Newcomb. 2007. GPS Mapping of Salmonid Redds on the Lower Mokelumne River, California. State of the Estuary Conference, Oakland CA.

Mulchaey, B. and Setka, J.D. 2001. Use of GPS and toggle tags to mark and map salmonid redds on the lower Mokelumne River, California. 2001 Cal-Neva Chapter Meeting of the American Fisheries Society, Santa Rosa CA.

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**COURSES TAUGHT:**

Merz, J.E. and Setka, J.D. 2002 Fundamentals of Salmonid Biology. University of California, Davis Extension.

Merz, J.E. and Setka, J.D. 2003 Fundamentals of Salmonid Biology. University of California, Davis Extension.

Merz, J.E. and Setka, J.D. 2007 Fundamentals of Salmonid Biology. University of California, Davis Extension.

Merz, J.E. and Setka, J.D. 2008 Fundamentals of Salmonid Biology. Northwest Environmental Training Center.

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**PROFESSIONAL MEMBERSHIPS:**

American Fisheries Society  
The Wildlife Society

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**PROFESSIONAL PERMITS/LICENSES:**

USFWS Permit # TEO040541-6 Related to delta smelt *Hypomesus transpacificus* and California red-legged frog *Rana draytonii*.

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**AWARDS:**

Certificate of appreciation from the Commercial and Recreational Fishing Industry of California for Outstanding Leadership in the Management and Enhancement of Mokelumne River Chinook Salmon. October 2011.

Certificate of appreciation from Contra Costa County Fish and Wildlife Committee for design of fishway. February 2002.