

## **MIKE INAMINE**

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### **RECENT EXPERIENCE**

#### ***Executive Director (February 2012 to Present)***

*Sutter Butte Flood Control Agency*

Oversees the administration and programs of SBFCA. Prepares, updates and executes the SBFCA Strategic Plan. Leads the development of long-term strategies, organization, funding and financial plans, and executes plans, policies and other actions authorized by the SBFCA Board of Directors. Establishes sound and collaborative working relationships with stakeholders, regulators and the public. Responsible for developing and maintaining sound financial practices. Ensures the Board and public is informed of SBFCA activities and represents SBFCA in numerous venues. Formulates and leads SBFCA initiatives under the authorities/programs of the U.S. Army Corps of Engineers and California Department of Water Resources. Administer Proposition 218 Assessment District, ensuring financial and legal compliance. At the Board's direction, conduct official correspondence of the organization, and in coordination with designated officers, execute legal documents.

#### ***Director of Engineering (September 2011 to February 2012)***

*Sutter Butte Flood Control Agency*

Directed civil engineering work in connection with numerous SBFCA flood management projects, including the \$300 million Feather River West Levee Project. Responsible for planning, directing, scheduling, funding, coordinating and controlling all aspects of the work, including collaboration with regulators, stakeholders, landowners and the public. Specific duties included: project management of design and construction projects; contract management of large engineering consultant contracts, strategic administration of civil works projects constructed under federal/State/local agreements; representation of SBFCA programs to elected officials, Board members, government agencies, landowners, the private sector and the public.

#### ***FloodSAFE Levees Manager (May 2009 to August 2011)***

*Executive Division and Division of Flood Management, California Department of Water Resources*

As Principal-in-Charge of the \$209 million Levee Evaluations Program, provided policy-level direction and leadership for the geotechnical evaluation of 2,100 miles of Central Valley Levees. DWR manager and spokesperson for key policy issues, including the USACE levee vegetation management policy and the Central Valley Roundtable for Flood Risk Management. As Executive Advisor to the San Joaquin River Restoration Program, provided technical direction for flood operations assessments. As Executive Sponsor for Upper San Joaquin and Delta Regional Work Groups, provided direction for stakeholder engagement under the Central Valley Flood Protection Plan. Advocated for DWR policies and programs with Congressional representatives. Served on the Interim Levee Design Criteria and Urban Level of Protection design teams under the CVFPP. Member of DWR's FloodSAFE Executive Leadership Team, responsible for policy-level direction of the FloodSAFE initiative.

#### ***Chief, Levee Repairs and Floodplain Management Office (September 2006 to April 2009)***

*Division of Flood Management, California Department of Water Resources*

Created a large, multidisciplinary organization charged with levee evaluations, levee repairs and floodplain management. Principal-in-Charge for three programs: 1) the \$350 million Critical Levee Repairs Program; 2) the \$209 million Urban and Non-Urban Levee Evaluation Projects; and 3) the \$120 million Central Valley Floodplain Evaluation and Delineation Project. Oversaw hundreds of consultants and 84 staff positions. Supervised preparation of Budget Change Proposals. Collaborated with the USACE, resources agencies, Central Valley Flood Protection Board and local agencies. Responsible for non-federal obligations under the USACE PL 84-99 program, Sacramento River Bank Protection Program and other federal authorities. Responsible for compliance with CEQA, National Environmental Protection Act, federal and State Endangered Species Acts, California Department of Fish and Game, USACE, State Water Resources Control Board, National Oceanic and Atmospheric Administration Fisheries Service, State Lands Commission and other regulators and laws. Provided technical support to the CVFPP. Served on the Interim Levee Design Criteria project team. Presented programs to the public and stakeholders in numerous venues. Member of the DWR "Executive Leadership Team."

**Chief, Construction Office (July 2005 to August 2006)**

*Division of Engineering, California Department of Water Resources*

Directed the work and administration of all construction contracts for the State Water Project and other client agencies. Principal-in-Charge for over \$60 million annually in construction contracts. Supervised 90 professional staff consisting of three field offices, the Contract Development Branch, the Planning/Scheduling Branch, and the Geodetic Branch. Directed the creation of a new field office to accommodate the high volume of flood management projects. Responsible for all phases of construction from preparation of final contract documents through operational startup of new facilities. Oversaw development of long and short range work programs, including staffing, budgeting and scheduling. Ensured compliance with State and federal environmental laws and regulators. Coordinated SWP outages with the Division of Operations and Maintenance. Administered consulting and service contracts. Served as Project Manager for the construction phase of Tehachapi East Afterbay. As a member of the National Science Foundation reconnaissance team, inspected/evaluated New Orleans levee systems damaged by Hurricane Katrina.

**Project Manager (June 2001 to June 2005)**

*Division of Engineering, California Department of Water Resources*

Managed large multidisciplinary teams to plan, design and construct SWP facilities. Supervised operations studies, planning, design and construction of water resources and power efficiency projects, including preparation of construction contract documents. Successful projects included the Valley String Peaking Storage Study, Tehachapi Afterbay Enlargement Feasibility Study, Tehachapi 2nd Afterbay Final Design, Tehachapi East Afterbay Final Design and Construction, Arroyo Pasajero/Tulare Lake Engineering Feasibility Study. Served as program manager and project engineer for the California Aqueduct MP 4.25 Emergency Repair. Planned, organized and led large matrix organizations, utilizing staff and resources of DWR, Metropolitan Water District of Southern California, State water contractors and consultants. Successfully led the design, construction and operation of the \$70 million Tehachapi East Afterbay. Implemented new project delivery and management methods to the Division. Managed compliance with CEQA, ESA, Federal Energy Regulatory Commission, Division of Safety of Dams and other agencies and requirements. Authored comprehensive reports and presented projects to the public, client agencies, FERC and other regulators.

**Chief, Dams and Canals Section (November 1997 to June 2001)**

*Division of Engineering, California Department of Water Resources*

Directed the work of design staff and the DWR soils and concrete laboratory. Supervised professional staff and administered service contracts with consultants. Program manager for a variety of civil construction projects including dams, reservoirs, canals, levees, flood control, landslide repairs, hydraulic structures, fish facilities, recreational facilities and other structures. Division program manager for planning studies of storage, flood control and conveyance facilities. Program manager for special engineering studies and dam safety analyses. Coordinated work with the Division of Operations and Maintenance, client agencies, consulting boards, regulators and the public. Technical liaison with the USACE for PL 84-99 projects. Performed emergency inspections, construction and design work during the 1998 floods. Inspected structures using high angle climbing techniques. Served on the DWR Business Resumption Plan subcommittee, DWR Geotechnical Advisory Committee for Sites Reservoir, DWR Operations Team for the 1998 Flood After-Action Report, CALFED Reservoir Screening Committee.

**Senior Engineer (July 1994 to November 1997)**

*Division of Engineering, California Department of Water Resources*

Supervised civil design unit and managed the "Radial Gate Inspection Team". Prepared designs, drawings, specifications, estimates and reports for a variety of civil construction projects, including canals, embankment dams, hydraulic structures and flood control. Prepared and managed project budgets and schedules. Conducted pre-feasibility studies of reservoir alternatives for CALFED. Evaluated safety and performance of DWR dams. Administered consultant contracts. Coordinated work with public and private agencies and presented projects to various stakeholders. Inspected structures using high angle climbing techniques. Performed emergency inspections, design and construction on levees throughout Central and Northern California during the January 1997 floods.

**Associate Engineer (September 1991 to June 1994)**

*Division of Design and Construction, California Department of Water Resources*

Performed studies of major embankment dams with regard to safety and performance; prepared comprehensive reports. Prepared designs, drawings, specifications and estimates for civil construction

projects. Presented analyses and designs to stakeholders and regulators. Performed geotechnical analysis and design, reinforced concrete analysis and design, hydrologic, hydraulic and water quality analyses. Administered consultant contracts.

**Associate and Assistant Engineer (December 1985 to August 1991)**

*Division of Safety of Dams, California Department of Water Resources*

Performed construction and maintenance inspections on new and existing dams. Evaluated and approved foundations, embankments and concrete construction with regard to safety. Reviewed drawings, specifications and geotechnical reports. Performed hydrologic, hydraulic, geotechnical and structural analyses on new and existing dams. Conducted safety appraisals of existing dams.

**SELECTED PUBLICATIONS**

R. B. Seed, A. Athanasopoulos-Zekkos, D. Cobos-Roa, J. M. Pestana, M. S. Inamine, *U.S. Levee and Flood Protection Engineering in the Wake of Hurricane Katrina*, American Society of Civil Engineering GeoCongress 2012, Geotechnical Engineering State of the Art and Practice, Oakland, California, March 25-29, 2012.

M. S. Inamine, *California's Central Valley Flood Control System: Challenges and Opportunities*, Water Resources IMPACT, American Water Resources Association, March 2011, 3-5.

M. S. Inamine, S. Punyamurthula, H. Bonakdar, S. Mahnke, R. Millet, P. Dell, *California's Levee Evaluations Program*, 30th Annual USSD Meeting and Conference, Sacramento, California, April 12-16, 2010.

W. Huang, R. Millet, S. E. Shewbridge, J. F. Perri, J. Vargas, M. S. Inamine, S. Mahnke, *Levee Erosion Screening Process*, 30th Annual USSD Meeting and Conference, Sacramento, California, April 12-16, 2010.

M. S. Inamine, T. L. Becker, *Operation of Tehachapi East Afterbay*, Operations Management 2006 Conference, American Society of Civil Engineers, Environmental and Water Resources Institute, Sacramento, California, August 14-16, 2006.

R. B. Seed, P. G. Nicholson, R. A., Dalrymple, J. Battjes, R.G. Bea, G. Boutwell, J.D. Bray, B. D. Collins, L.F. Harder, J.R. Headland, M. S. Inamine, R.E. Kayen, R. Kuhr, J. M. Pestana, R. Sanders, F. Silva-Tulla, R. Storesund, S. Tanaka, J. Wartman, T. F. Wolff, L. Wooten and T. Zimmie, *Preliminary Report on the Performance of the New Orleans Levee Systems in Hurricane Katrina on August 29, 2005*, Report No. UCB/CITRIS – 05/01, November 2, 2005.

L. F. Harder, M. S. Inamine, M. N. Hollister, C. R. Acken, W. M. Verigin, *The Design and Construction of the Asphalt Lining System at Devil Canyon Second Afterbay*, Seventeenth United States Committee on Large Dams Annual Meeting, San Diego, California, April 7-11, 1997.

M. S. Inamine, *Hydraulic Instrumentation Testing*, Association of State Dam Safety Officials Western Regional Conference and Technical Seminar, Park City, Utah, May 3-5, 1994.

**AWARDS**

*Outstanding Civil Engineer in the Public Sector, State of California*, American Society of Civil Engineers, 2015

*Project of the Year In the State of California, Feather River West Levee Project Area C*, American Society of Civil Engineers, 2015

*Project of the Year Award*, American Public Works Association, presented to the California Department of Water Resources for the Critical Levee Erosion Repairs Program, 2007.

*Award for Excellence*, Floodplain Management Association, presented to the Critical Levee Repair Program, 2007.

*Outstanding Professional Accomplishment Award and State Sustained Superior Accomplishment Award* presented to Mike Inamine, 2002.

*State Superior Accomplishment Award* presented to the Division of Operations and Maintenance Industrial High-Angle Climbing Team, 1999.

**EDUCATION**

SANTA CLARA UNIVERSITY  
Santa Clara, California  
Bachelor of Science Degree, 1983  
Major: General Engineering

**PROFESSIONAL REGISTRATION**

STATE OF CALIFORNIA  
Professional Civil Engineer No. 45219