



# California Water and Environmental Modeling Forum

## CWEMF at 30: Looking to the Past, Recalibrating for the Future

Jesse Jankowski, Convener / Paul Hutton, Executive Director

### Officers / Executive Directors Conveners

2023-current	Jesse Jankowski (SWRCB)
2021-2022	Tariq Kadir (DWR)
2019-2020	Shyamal Chowdhury (USACOE)
2017-2018	Tariq Kadir (DWR)
2015-2016	Josue Medellin-Azuara (UC Davis)
2013-2014	Ben Bray (EBMUD)
2011-2012	Marianne Guerin (RMA, Inc.)
2009-2010	Paul Hutton (MWD)
2007-2008	Tara Smith (DWR)
2005-2006	K. T. Shum (EBMUD)
2002-2004	Nigel Quinn (LBNL, BOR)
2001	Richard Satkowski (SWRCB)
2000	Rob Tull (CH2M Hill)
1999	Spreck Rosekrans (Env. Defense)
1998	Richard Denton (CCWD)
1996-1997	Jay Lund (U.C. Davis)
1995	Jeff Lefkoff (Hydrologic Consultants)
1994	Greg Gartrell (CCWD)

### Vice-Conveners

2023-present	Vivek Bedekar (SSPA, Inc.)
2020-2022	Tariq Kadir (DWR)
2019	Abdul Khan (DWR)
2017-2018	Shyamal Chowdhury (DWR)
2015-2016	Tariq Kadir (DWR)
2013-2014	Josue Medellin-Azuara (UC Davis)
2011-2012	Ben Bray (EBMUD)
2009-2010	Marianne Guerin (RMA, Inc.)
2007-2008	Paul Hutton (MWD)
2005-2006	Tara Smith (DWR)
2003-2004	K.T. Shum (EBMUD)
2002	Rob Tull (CH2M Hill)
2000-2001	Lloyd Peterson (USBR)
1999	George Barnes (DWR)
1998	Spreck Rosekrans (Env. Defense)
1996-1997	Richard Denton (CCWD)
1995	Jay Lund (U.C. Davis)
1994	Jeff Lefkoff (Hydrologic Consultants)

### Treasurer

2008-present	Stacy Tanaka (Watercourse Engineering, Inc.)
2002-2007	Lisa Holm (CALFED/CCWD)
2001	Kevin Long (SWRCB)
1994-2000	Margaret Johnston (SF Estuary Institute)

### Secretary

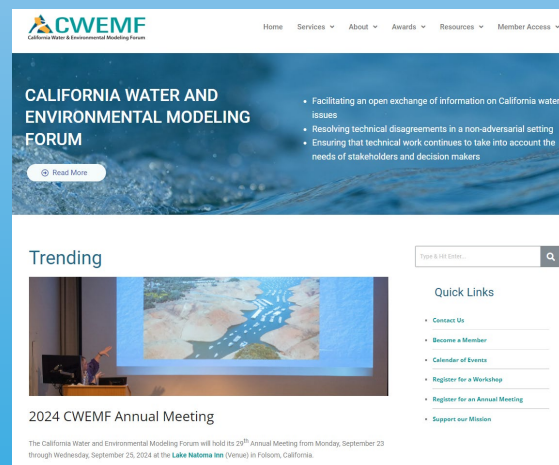
2021-present	Ben Bray (EBMUD)
1994-2020	George Nichol (Retired/SWRCB/CVRQCB/USACOE)

### Executive Director

2017-present	Paul Hutton (Tetra Tech, Inc.)
2010-2017	Elaine Archibald (Archibald Consulting)
2003-2010	Richard Satkowski (SWRCB)
1997-2002	John Williams

The California Water and Environmental Modeling Forum (CWEMF) is a non-profit, "consensus" organization whose mission is to increase the usefulness of models for analyzing California's water-related problems with emphasis in the San Francisco Bay-Delta watershed. CWEMF, which was formed in 1994 as the Bay-Delta Modeling Forum, is celebrating its 30-year anniversary at its 2024 Annual Meeting on September 23-25, 2024. Over the past thirty years, CWEMF has promoted excellence and consensus in water and environmental modeling by doing the following:

- Providing a consensus-building atmosphere on water-related issues;
- Maintaining a modeling clearinghouse that provides an open forum for the exchange, improvement, and pooling of models, modeling information, and professional resources;
- Assisting in mediating technical disputes involving physical, chemical, biological, and economic modeling;
- Conducting impartial peer reviews of models in order to document strengths and weaknesses, suggest improvements, and identify appropriate applications;
- Seeking input from California water stakeholders and decision makers about their modeling needs; and
- Providing educational opportunities through technical conferences and workshops.



CALIFORNIA WATER & ENVIRONMENTAL MODELING FORUM  
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CWEMF is a 501(c)(3) charitable trust

2023

2019

2004

1994

In 1994, the Modeling Forum started out as the **Bay-Delta Modeling Forum**.

During the 2000 Annual Meeting, members voted to change the Forum's name to the **California Water and Environmental Modeling Forum** to reflect member's interest in modeling applications outside the Bay Delta Watershed.

### Hugo B. Fischer Award

The Hugo B. Fischer Award, which is made in honor of the late Professor Hugo B. Fischer's pioneering work on San Francisco Bay-Delta water quality modeling, is given annually for (1) the development, refinement or innovative application of a computer model or (2) furtherance of the effective use of models in planning or regulatory functions. Dr. Fischer was a recognized authority in salt-water intrusion, water pollution, heat dispersion in waterways, and the mixing of rivers and oceans. The award was conceived and endowed in 1995 by Lyle Hoag, retired Executive Director of California Urban Water Agencies, who was a co-founder of the Modeling Forum. The Hugo B. Fischer award is presented each February at the Modeling Forum's Annual Meeting.

#### Hugo B. Fischer Award Winners

2023	Dr. Michael MacWilliams - Anchor OEA
2022	No award given
2021	No award given
2020	No award given
2019	Dr. Charles Yound - Stockholm Environment Institute Dr. Andy Draper - Stantec
2018	Dr. Saub Najmus - Woodard & Curran, Inc. Dr. Ali Taghavi - Woodard & Curran, Inc.
2017	Rich Jurich - CA Dept. of Water Resources
2016	Dr. Eli Ateljjevic - CA Dept. of Water Resources
2015	Dr. Mike Deas - Watercourse Engineering
2014	Dr. Dan Easton - MBK Engineers
2013	Dr. Nigel Quinn - Berkeley National Laboratory, U.S. Bureau of Reclamation
2012	Nancy Parker - U.S. Bureau of Reclamation
2011	Dr. Russ Brown - ICF
2010	No award given
2009	Dr. Pete Smith - U.S. Geological Survey
2008	Dr. Richard Howitt - UC Davis Dr. Jay R. Lund - UC Davis
2007	Dr. John DeGeorg - Resources Management Associates
2006	Dr. Carl Chen - Systech Engineering, Inc. Dr. Paul Hutton - Metropolitan Water District of So. CA
2005	No award given
2004	Tom Heister - U.S. Bureau of Reclamation
2003	Dr. Emin C. Dagrul - California Department of Water Resources
2002	Dr. Gerald Orlob - University of California, Davis
2001	Armin Munevar - California Department of Water Resources
2000	Kamyar Gulvetchi - California Department of Water Resources
1999	Dwight Russell - California Department of Water Resources Walter Bourez III - Surface Water Resources, Inc. Jack Rowell - U.S. Bureau of Reclamation
1998	No award given.
1997	Dr. Francis Chung - California Department of Water Resources Dr. Gregory Gartrell - Contra Costa Water District
1996	Dr. Ralph Cheng - U.S. Geological Survey
1995	Dr. Richard Denton - Contra Costa Water District Dr. Alan Jassby - University of California, Davis

### Career Achievement Award

The California Water and Environmental Modeling Forum's Career Achievement Award is given to individuals for significant contributions over their career in developing, using or promoting computer modeling to analyze California's water-related problems. The Award is presented at the CWEMF's Annual Meeting.

#### Career Achievement Award Winners

2023	No award given
2022	Dr. Parviz Nader-Tehrani - California Department of Water Resources
2021	No award given
2020	No award given
2019	Dr. Jobaid Kabir - Bureau of Reclamation
2018	Dr. Francis Chung - California Department of Water Resources
2017	Dr. William Fleenor - UC Davis
2016	No award given
2015	Dr. Don Smith - Resources Management Associates
2014	No award given
2013	Dr. Sushil Arora - California Department of Water Resources
2012	No award given
2011	Dr. Miguel Marino - UC Davis
2010	Dr. Richard Denton - Contra Costa Water District
2008	Dr. Lloyd Peterson - U.S. Bureau of Reclamation
2007	Dr. Darryl W. Davis - U.S. Army Corps of Engineers, HEC
2006	George Barnes, Jr. - California Department of Water Resources
2005	Maury Roos - California Department of Water Resources
2004	Lyle Hoag - California Urban Water Agencies