

# Hugo B. Fischer Award



California Water and  
Environmental Modeling Forum

April 11, 2016

# Hugo B. Fischer Award

- In honor of Dr. Fischer's pioneering work on San Francisco Bay-Delta water quality modeling
- Conceived and endowed by Lyle Hoag
  - Retired Executive Director of CUWA
  - Co-founder of CWEMF



# Hugo B. Fischer

- B.S. (1958), M.S. (1963) & Ph.D. (1966) from California Institute of Technology
- Professor of Civil Engineering at U.C. Berkeley until 1983
- World-renowned authority in:
  - Salt water intrusion
  - Water pollution
  - Heat dispersion in waterways
  - Mixing of rivers & oceans

# Hugo B. Fischer Award

The Hugo B. Fischer Award recognizes pioneering contribution(s) to the use of modeling for understanding or solving California water problems

- The innovative development, refinement or application of a computer model, or:
- Significant furtherance of the effective use of models in open forums for planning or regulatory functions



# Past Fischer Award Winners

- 1995 – Dr. Alan Jassby (UCD) *and* Dr. Richard Denton (CCWD)
- 1996 – Dr. Ralph Cheng (USGS)
- 1997 – Dr. Greg Gartrell (CCWD) *and* Dr. Francis Chung (DWR)
- 1999 – Walter Bourez III (SWRI) *and* Jack Rowell (USBR)
- 2000 – Dwight Russell (DWR); Kamyar Guivetchi (DWR)
- 2001 – Armin Munevar (DWR)
- 2002 – Dr. Gerald Orlob (UCD)
- 2003 – Dr. Emin Dogrul (DWR)
- 2004 – Tom Heinzer (USBR)

# Past Fischer Award Winners

- 2006 – Dr. Carl Chen (Systech) *and* Dr. Paul Hutton (MWDSC)
- 2007 – Dr. John DeGeorge (RMA)
- 2008 – Dr. Jay Lund (UCD) *and* Dr. Richard Howitt (UCD)
- 2009 – Dr. Peter Smith (USGS)
- 2011 – Dr. Russell Brown (ICF)
- 2012 – Nancy Parker (USBR)
- 2013 – Dr. Nigel Quinn (LBNL, USBR)
- 2014 – Dan Easton (MBK Engineers)
- 2015 – Dr. Mike Deas (Watercourse Engineering Inc.)
- 2016 – ?



# 2016 Hugo B. Fischer Award Winner



Eli Ateljevich  
Department of Water Resources

# Eli Ateljevich

## Educational Achievements

- 2001 – Ph.D. Civil Engineering/Water Resources, UC Berkeley
- 2000 – M.A. Statistics, UC Berkeley
- 1998 – M.S. Civil & Environmental Engineering, MIT
- 1993 – B.A. Economics, UC Berkeley

## Professional Highlights

- 1999 – Senior Engineer, Department of Water Resources
- 1997 – Independent Contractor for Runoff Forecasting, US. Bureau of Reclamation
- 1992 – University Research Grants and Fellowships



# Eli Ateljevich

*In recognition of your significant technical contributions to the development and application of Bay-Delta SCHISM and DSM2 models as well as your efforts on the minimum water cost compliance tool and its use during the 2012-2015(6?) drought.*

*CWEMF also recognizes your skill and enthusiastic approach as both a formal and informal trainer, instructor, collaborator, and mentor with your colleagues on these publically-available models.*

# 2016 Hugo B. Fischer Award Winner



Eli Ateljevich  
Department of Water Resources