

Career Achievement Award

The CWEMF Career Achievement Award is given to individuals for significant and sustained contributions during their career in developing, using or promoting computer modeling to analyze California's water-related problems. Specifically, nominations should recognize significant and sustained contribution(s) in:

- Increasing the usefulness of models in water management analyses in California;
- Promoting sound quantitative analyses in water management decisions;
- Raising public awareness and improving public acceptance of the role of modeling

Past Career Achievement Award Winners

- 2004 – Lyle Hoag (CUWA)
- 2005 – Maury Roos (DWR)
- 2006 – George Barnes, Jr. (DWR)
- 2007 – Darryl W. Davis (USCAE-HEC)
- 2008 – Lloyd Peterson (USBR)
- 2009 – Ray Hoagland (DWR)
- 2010 – Richard Denton (CCWD)
- 2011 – Miguel Marino (UC Davis)
- 2013 – Sushil Arora (DWR)
- 2015 - ?

2015 Career Achievement Award Winner



Don Smith

President, Resource Management Associates

Don Smith

- President, Resource Management Associates
- Began working at RMA in 1978
- BS, Civil Engineering, UC Berkeley
- Professional Engineer, CA
- Primary Developer of HEC-5Q, River-Reservoir Temperature and Water Quality Model
- Expert in development and application of computational models for water resources systems

Don's Accomplishments Include:

- Led numerous hydrodynamic and water quality modeling studies of San Francisco Bay, and the Sacramento-San Joaquin Delta and watersheds:
 - Analysis of effluent dilution and heavy metals from numerous municipal dischargers
 - Early modeling of the proposed Delta Wetlands project
 - Temperature models of California reservoirs – temperature management for fisheries
- Don “ ... has also been careful in not overstating or understating the value of a modeling analysis... Don follows a strict ethical application of numerical models where the objective is to provide an accurate understanding of analysis outcomes, and not to advocate a particular outcome.”

Don Smith

In recognition of your significant contributions to the California modeling community. You are a pioneer in the development and application of numerical models to surface water systems.

Your modeling contributions over the past 47 years are numerous and varied, from the Link-Node Model of the Sacramento-San Joaquin Delta to development of the HEC-5Q for simulation of the temperature and water quality in river-reservoir systems, which is widely used in California and the nation.

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