

# CWEMF

## Career Achievement Award



February 28, 2006

# Career Achievement Award

- Initiated in 2004
- To individuals for significant contributions over their career in developing, using or promoting computer modeling to analyze California's water-related problems

# Past Career Achievement Award Winners

- 2004 - Lyle Hoag, CUWA/CWEMF Co-Founder
- 2005 - Maury Roos, DWR

2006  
Career Achievement Award  
Winner

**George Barnes, Jr.**

# George Barnes, Jr.

- B.S. and M.S. in Civil Engineering from CSU Sacramento in 1965 and 1973
- 1965-2000: CA Dept. Water Resources
  - 1965-1978: Flood Forecasting Branch
  - 1979-1983: Chief, Hydrology & CV Ops Unit
  - 1984-1988: Chief, Bay-Delta Enviro Studies Br.
  - 1989-1999: Chief, Modeling Support Branch
  - Retired in 2000

# George Barnes, Jr.

- 1965-1978: Flood Forecasting Branch
  - Developed computerized flood forecasting techniques
  - Conducted hydrology studies
  - Provided Real-Time Flood Forecasts
  - Developed a Real-Time Computer Controlled Hydrologic Data Collection System for the NC and CV, which became the CA Data Exchange Center--CDEC

# George Barnes, Jr.

- 1989-1999: Chief, DOP's Modeling Support Br
  - Directed development and application of Ops, GW, Hyd and WQ Models
    - Bay-Delta Hearings
    - California Water Plan
    - COA
    - Kern Water Bank
    - Los Banos Grandes
    - North and South Delta Alternatives
    - State Water Project Rule Curves
    - CALFED Alternatives

# George Barnes, Jr.

- Ops, GW, Hyd and WQ Models
  - CU Model
  - DWRSIM, CALSIM
  - CVGSM, IGSM
  - DWRDSM

# George Barnes, Jr.

- Retired in July 2000
- Lots of Traveling with Molly
- Tearing up the Golf Course

2006 CWEMF  
Career Achievement Award  
Winner



**George Barnes, Jr.**

# George Barnes, Jr.

## Career Achievement Award

*In recognition of his significant contributions during his 35 years in the water resources field, including 11 years as Chief of the California Department of Water Resources' Modeling Support Branch where he directed the development and application of statewide operations, hydrodynamic and water quality models. The models have provided key information in support of numerous studies, including the California Water Plan, Bay-Delta Hearings and CALFED Alternatives.*

February 28, 2006

**KT Shum**  
**CWEMF Convener**

**Nigel W. T. Quinn**  
**CWEMF Vice-Convener**

