CWEMF
Career Achievement Award

February 24, 2009
Career Achievement Award

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

• Recognizes significant and sustained contributions in:
  – Increasing the usefulness of models in water management analyses in California;
  – Promoting sound quantitative analyses in water management decisions; and/or
  – Raising public awareness and improving public acceptance of the role of modeling.
Past Career Achievement Award Winners

- 2004 - Lyle Hoag, CUWA/CWEMF Co-Founder
- 2005 - Maury Roos, DWR
- 2006 - George Barnes, DWR
- 2007 - Daryl Davis, USACE HEC
- 2008 - Lloyd Peterson, USBR
2009
Career Achievement Award Winner

Ray Hoagland
Ray Hoagland

• B.A. in Economics/Math: CSU San Bernardino
• Graduate Study in Economics: U.C. San Diego
• Studies in Physics: CSU Riverside
• 1967-69, U.S. Army, Ethiopia
• 1973-74, Statistical Analyst w/ CHP
• 1975-Present: CA DWR
  – 1975-1979: Economic Analysis Section, DOP
  – 1980-1984: Chief, Economics Section, CD
  – 1985-Present: Chief, Economic Analysis Section, DPLA
Ray Hoagland

• 1980-1984: Chief, Economics Section, CD
  – District Economics Studies
  – Farm Payment Capacity Development
  – Population Projections
  – Delta Agriculture Economics
  – B/C Analyses
    • Water Supply
    • Water Quality
    • Flood Control
Ray Hoagland

• 1985-Present: Chief, Economic Analysis Section, DPLA
  – Directed Economics Analysis
    • Statewide Water Planning
    • CALFED Surface Storage Program
    • California Water Plan
    • Loans and Grants Programs
  – *Economics Analysis Guidebook*
Ray Hoagland

- LCPSIM, Water System Reliability Model for Metropolitan Areas
  - CALFED Water Management Strategy
  - CVPIA Environmental Review
  - Delta Wetlands Project
- Grasslands Bypass Optimization Model
- CVPM Ag Production Model
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