

RESUMÉ

Richard E. Punnett, Ph.D.

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Length of Prior Federal Service: 30 years

Citizenship: United States

EDUCATION

Highest Degree: Doctor of Philosophy, Oklahoma State University,
Agricultural Engineering (Soil and Water Specialty)

Nathan Hale High School, Tulsa, OK, graduated 1966.

Tulsa University, Tulsa, OK, 1966-1969, 81 hours in Mechanical Engineering

University of Maryland, Far East Division, 1973, Taiwan, 3 hours

Midwestern State University, Wichita Falls, TX, 1974-1975, 18 hours

Marshall University, Huntington, WV, 1982-1984, 6 hours

Oklahoma State University, Stillwater, OK, 1976-1984

Bachelor of Science, Agricultural Engineering (Soil and Water) 1976

Master of Science, Agricultural Engineering (Soil and Water) 1978

Doctor of Philosophy, Agricultural Engineering (Soil and Water) 1984

MILITARY

United States Air Force: Enlisted 1969 to 1975. Received various medals including:
Air Medal, Vietnam Service Medal, Good Conduct Medal with Cluster, Korean
Campaign Medal, and Vietnam Campaign Medal.

WORK EXPERIENCE

2003-Pres: President, Hydrologic Realities, Inc.

2002-2003: Team Leader for the Interagency Modeling Center (IMC)

1999-2002: Team Leader for Regional Modeling

1993-1999: Lead Hydrologist for the Central and South Florida (C&SF) Restudy

1989-1993: Chief of Water Control Section, Huntington District

1983-1988: Computer Modeler of Water Resources and Water Quality

JOB SYNOPSES

As President (and Hydrologist) of Hydrologic Realities, Inc., completed several contracts with the SFWMD, the Corps of Engineers, and a few private companies. The work involved running and evaluating output from the SFWMM (aka the 2x2), developing STELLA models, evaluation of the OSLOW model, the preparation of the SFWMM v5.5 documentation, help prepare EIS, and helped write operational instructions. Have

extensive knowledge of Comprehensive Everglades Restoration Plan, as well as the Central and Southern Project. Dr Punnett has also served as an expert witness in a Federal Court.

As Team Leader for the Interagency Modeling Center, was the Corps' representative responsible for establishing a modeling team and modeling system within the South Florida Water Management Office. The IMC was established to provide multi-agency modeling support for the Comprehensive Everglades Restoration Plan. Initially, the IMC provides the regional modeling tasks using the latest version of the South Florida Water Management Model (SFWMM a.k.a. the '2x2 model').

As Team Leader for Regional Modeling, served as the Jacksonville District expert modeler on the central and south Florida region. Have extensive modeling experience in use of the South Florida Water Management Model (a.k.a. the 2x2 model). Served as the District expert in Florida hydrologic restoration. Served as the Corps' Team Leader for the Interagency Modeling Center in West Palm Beach.

As Lead Hydrologist for the C&SF Restudy, Jacksonville District, served as the Corps' lead hydrologist in the development of the Restudy Comprehensive Plan to restore the Everglades while maintaining all existing uses and benefits. The \$7.8 billion plan was approved by Congress as the Comprehensive Everglades Restoration Plan (CERP). Served as Chairman for the multi-agency Alternative Development Team. Represented the Corps in public forums, in news media events, in meetings with the Corps officials from Washington, with Congressional Staff, and with Senator Graham. Served on the Technical Advisory Committee for the Governor's Commission for a Sustainable South Florida, and on the Aquifer Storage and Recovery Issue Team for the South Florida Ecosystem Working Group.

As Chief of the Water Control Section, Huntington District, was responsible for the day-to-day regulation of 35 multipurpose lakes in the 9 major river basins over a 45,000 square mile region of the Ohio River Basin. Exercised full administration and technical supervision over 6 to 10 engineers and technicians. Planned work, set priorities, prepared schedules and budgets. Provided expert technical advice to all District elements. Coordinated with other Federal and State agencies. Helped develop and implement the first regional real-time, computer-aided water management of a Corps District.

SPECIAL TRAINING

Personnel Management for Executives, 1989, 80 hours
EEO for Advisory Committee Members, 1993, 24 hours
EEO Counseling, 1993, 40 hours

HONORS AND ACCOMPLISHMENTS (Past 15 years)

Received 24 Letters of Appreciation from 15 Non-Corps Organizations
Received 8 Letters of Commendation

Received 14 Monetary Awards
Received Commander's Award for Civil Service
Received Superior Civilian Service Medal

Twice Received Divisional "Planning Team Award"
Certified Equal Employment Opportunity Counselor
Authored and co-authored articles, reports and manuals
Participated in the National Drought Preparedness Study
Instructor for Corps' Water Quality Management Training Courses
Instructor for Corps' Wetland Hydrology and Restoration Courses

RELEVANT SOUTH FLORIDA EXPERIENCES

- Served as Corps' Lead Hydrologist for both the Reconnaissance and Feasibility phases of the Central and South Comprehensive Review Study. These studies lead to the approval of the Comprehensive Everglades Restoration Plan (CERP), a \$7.8 billion program that is currently being implemented.
- Have over 27 years of modeling experience for both water quality and water management evaluations.
- Served four 6-month tours of duty at the South Florida Water Management District (2 6-month tours in West Palm Beach, 2 6-month tours in Fort Myers)
- Served as Chairman of the Technical Oversight Committee (formed to monitor implementation of a settlement decree for Stormwater Treatment Areas.
- Served as Chairman of the Alternative Development Team (interagency team to develop alternative for the Everglades Restoration Project). The alternative developed by this Team was selected as the recommended plan for CERP.
- Past Member of the Technical Advisory Committee for the Governor's Commission for a Sustainable South Florida.
- Served as Instructor for the Corps' Wetland Hydrology and Restoration Class for several years. Several classes were held in Apalachicola that included field trips in the area.
- Developed and conducted a Training Program for the South Florida Water Management Model (SFWMM, a.k.a. the 2x2) to new Interagency Modeling Center personnel.
- Developed a STELLA reservoir screening models for the C&SF Project area, the Kanawha River Basin, and Caloosahatchee River Basin.
- Evaluated the O-SLOW model, developed from OASIS, for the Okeechobee Watershed Project.
- Helped develop and prepare a peer review and documentation for the current version (v5.5) the SFWMM.
- Extensive experience using the South Florida Water Management Model (SFWMM, a.k.a. the 2x2) and STELLA model applications for South Florida.
- Provided expert witness testimony before US Judge Hoeveler in case involving Rockmining Permits issued by the Corps of Engineers. Testimony was provided before Judge Hoeveler in the Miami U.S. District Court.