

DAVID W. CEILLEY
Certified Senior Ecologist



Education/Training

Master of Science:
Aquatic Ecology
(1989) University of Florida

Graduate School:
Marine Biology (1982)
Florida Institute of
Technology

B.A. Biology (1981)
University of Northern Iowa

Certified Senior Ecologist,
Professional Wetland
Scientist, SWS Certified
Rescue Diver, PADI

Professional Affiliations

Ecological Society of
America

Florida Association of
Aquatic Biologists

Estero Bay Agency on
Bay Management

Charlotte Harbor National
Estuary Program, Technical
Advisory Committee

David joined Johnson Engineering in 2013 as a Certified Senior Ecologist. David is also a Research Associate and Courtesy Graduate Faculty member at the Florida Gulf Coast University. David has three decades of professional experience in limnology, aquatic and wetland ecology, fish, wildlife, macroinvertebrate, and water quality studies. David was trained in the QA/QC protocols for State and Federal agencies (for drinking water, ambient water quality, extractions, bacteriological, bio-assay, radon, and bio-assessments) as Aquatic Biologist at Lee County and as Limnologist at the University of Iowa. David assisted in the implementation of a bacteriological source identification study of the Philippi Creek watershed for Sarasota County. As a member of the Johnson Engineering team, David routinely conducts benthic resource surveys, wetland delineations and functional assessments, mitigation monitoring, listed species surveys (inclusive of caracara and Florida bonneted bat) and permitting of aquatic restoration projects. He is currently conducting submerged aquatic vegetation (SAV) research and restoration in the Caloosahatchee River and at Lake Trafford for the recovery of these two impaired waterways. David also designed and is currently implementing biological monitoring programs for large restoration projects in Kings Bay of Citrus County and in the Caloosahatchee River and estuary of Lee County.

Relevant Experience

- **Research Scientist and Graduate Faculty, Florida Gulf Coast University** - David was the lead investigator for the assessment of aquatic faunal response to hydrologic restoration of the Picayune Strand State Forest (PSRP), in Collier County, Florida. David developed an ecological monitoring program for the Lake Trafford Restoration Project and co-authored the Lake Management Action Plan. David designed and implemented a wildlife and aquatic faunal monitoring program for Babcock Ranch Preserve in Lee and Charlotte Counties, Florida
- **Director of Environmental Science, Conservancy of Southwest Florida** – David was responsible for all aspects of managing budgets and directing science programs and projects at the Conservancy. Dave was directly responsible for obtaining more than \$1.3 million in research grants and environmental monitoring contracts from State and Federal Agencies. He was responsible for writing technical reports, reviewing and editing journal articles, preparing and delivering professional and public presentations at conferences and seminars and functioning as media contact for the Conservancy on science related issues.
- **Senior Ecologist, Conservancy of Southwest Florida** – David functioned as field supervisor and project manager for the assessment of the “Parker Web Experimental Beach Re-nourishment” of Naples Beach using water quality, fishes and marine, invertebrates as indicators of biological health. David also was responsible for a research grant project titled “Enhancing the Recovery of Threatened and Endangered Species in South Florida through Aquatic Refugia”
- **Restoration Ecologist & Land Manager, the Sanibel-Captiva Conservation Foundation** – This position was created in 1996 from a start-up grant from a private foundation to begin a land stewardship program. Within two years, David developed a habitat management program with limited resources through research, successful grant writing, and partnership development. David’s program was recognized by the USFWS as the “Region IV winner of the National Wetlands Conservation Award” in 2000.

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