

Joseph L. Gilio B.S., M.S. Ph.D. (candidate) no terminal degree
Professional Wetland Scientist Emeritus
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Educator, Scientist, small business entrepreneur
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Website: www.joegilio.com [currently in transition]

- **Objective:** Provide governmental agencies, developers and property owners environmentally sensitive options for using or improving properties for conservation, water quality improvement, wetland delineations, development of fishery habitat, upland/ wetland best management practices, wetland and lake creation, restoration and maintenance, septic leakage to aquatic environments.
- **Recent paper:** J. O’Laughlin and JL Gilio, “Outside the box options for the EAA Reservoir/STA” Pdf sent upon request.
- **Recent Public Activity:** Joint presentation with J. O’Laughlin at Feb. 21, 2018 River’s Coalition. Presentation on-line via You-Tube.
- **Scheduled oral presentation:** R. Baker and JL Gilio, Biogeochemistry of Trace Transition Elements in Card Sound, Florida circa 1973 at World Biogeochemistry conference April 26, 2018, Marriot, Ft. Lauderdale]

Education:

- **Ph.D. program in Marine Science 1970 –1973**
Rosenstiel School of Marine and Atmospheric Sciences University of Miami, Miami, FL
Achieved Ph. D. candidacy
Dissertation: Biogeochemistry of trace Transition Elements in Card Sound, FL
- **M.S. Zoology** 1962 - - 1966 **Cornell University**, Ithaca, NY
Thesis: Production of Particulate Matter in Filtered Lake water through Bubbling.
- **B.S. Chemistry** 1959 – 1962 **Fordham University**, NY, NY

Work Experiences

- **Sunergy Power Systems, Inc.** Founder and President 2005 to 2016. Startup design and feasibility of employing solar panels (PV) systems to commercial and homes for either grid connection or off line. Researching Li-ion battery development. Developed Plan G/O as a conceptual design for full Everglades restoration and cessation of destructive lake Okeechobee discharges to St. Lucie and Caloosahatchee Rivers
- **Wetlands Management, Inc.** Founder and president 1981 – 2006. Sold in 2006. First Treasure Coast regional environmental professional small business in consultation (procuring wetland dredge & fill permits at local to federal level) and contracting (creating, enhancing, restoring and preserving wetland, upland buffers and man-made retention lakes. Clients included DRI’s St. Lucie West and Tradition, SFWMD – joint with C&N Environmental for 3 yr. Melaleuca treatment in Lake Okeechobee), Martin County, many smaller developers.

- **Treasure Coast Regional Planning Council.** Regional ecological planner. 1980. Evaluated Development of regional Importance (DRI) projects for conformity to council environmental standards for preservation of lands, waters and wetlands, animals and plants, water and air quality during construction and after private ownership and management.
- **Florida Institute of Technology.** Assistant Professor in Natural Sciences –oceanography, limnology, marine ecology, environmental sciences. 1973- 1980.
- **Farmingdale School District.** Farmingdale, New York. High School biology teacher.1965 – 1970.

Professional Experiences

- Presented paper on Full Everglades Restoration –Plan G [aka Plan G/O] at international Annual Conference of Society of Wetland Scientists, June 3, 2016, Corpus Christi, TX.
- Several peer reviewed publications. Several conference talks.
- Group founder of Florida Association of Environmental Professionals – served all levels of state organization culminating as president in 1993.
- Society of Wetland Scientists – achieved professional wetland scientist designation (PWS), lapsed due to retirement in 2006. Renewed as Emeritus 2015.
- National association of Environmental Professionals – achieved Certified Environmental Professional (CEP) lapsed in 2011 due to retirement.
- A Charter member of Florida Native Plant Growers Association.
- Scientific adviser to Solutions To Avoid Red Tide (START)

Local Activities

- Round Bay Estates Home Owners Association, Inc. President 2009 -2014.
- Florida Oceanographic Society – member of board 1991 -1993.
- Neighborhood Advisory Committee for Old Palm City 2013- present.
- Attend some Martin County Board of County Commissioners meeting regarding local development permitting issues.
- Sanctity of Human Life of the Treasure Coast (SOHLTC.com) board member 2008-2010.
- Parishioner of St. Martin de Pores RC Church 1973-2015. Lector (25 yrs.), Choir member (30 yrs.), Respect Life Committee since 1995, several yrs. as chairman.
- Active in River Warrior activities
- Letters to Editor and guest articles regarding solutions to Everglades, Lake Okeechobee discharges to St. Lucie and Caloosahatchee Rivers.

