



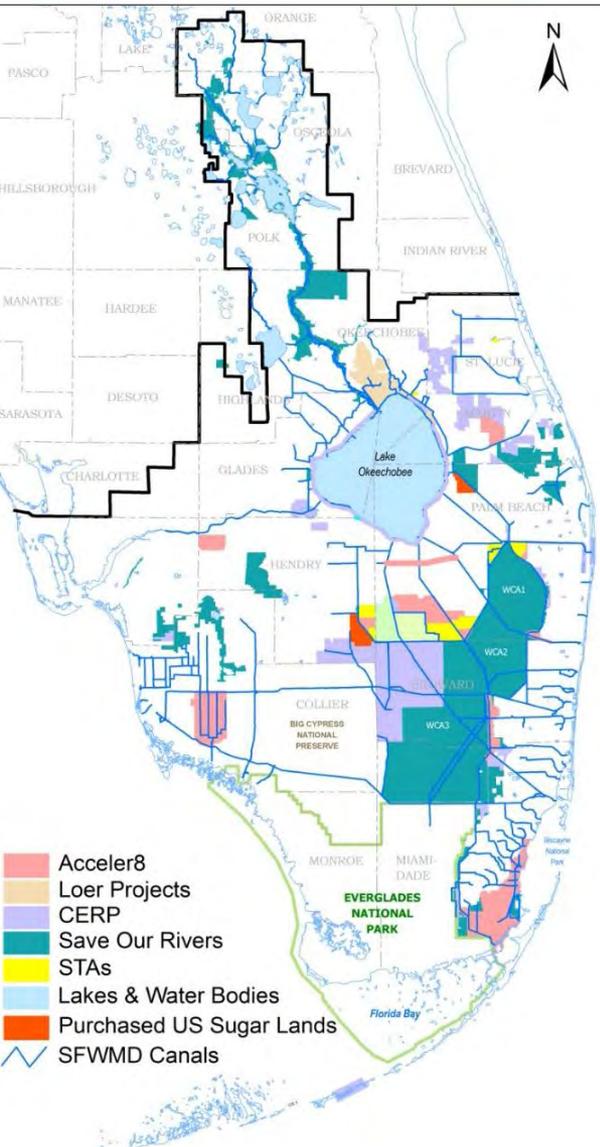
# **Ground Application Services For Vegetation Management**

Francois B. Laroche

# Vegetation Management Contracts

- For the management of invasive terrestrial and aquatic vegetation within District canals, lakes, and rights-of-way of the C&SF project, Stormwater Treatment Areas (STAs), and conservation lands.
- Ensure conveyance capacity within canals and water bodies.
- Provide for the continued control of invasive and nuisance plants on District lands.
- STA vegetation enhancements

# Area of Responsibility



- C&SF Projects
  - Lakes ~ 500,000 acres
  - Canals ~2,100 miles
  - Levees/Berms 2,000 miles
- Conservation Lands ~1.2 M acres
- STAs/Reservoirs ~80,000 acres

**Planting in the STAs**



**Spraying from airboat (STA 1W)**

**Backpack application (Cypress Creek)**

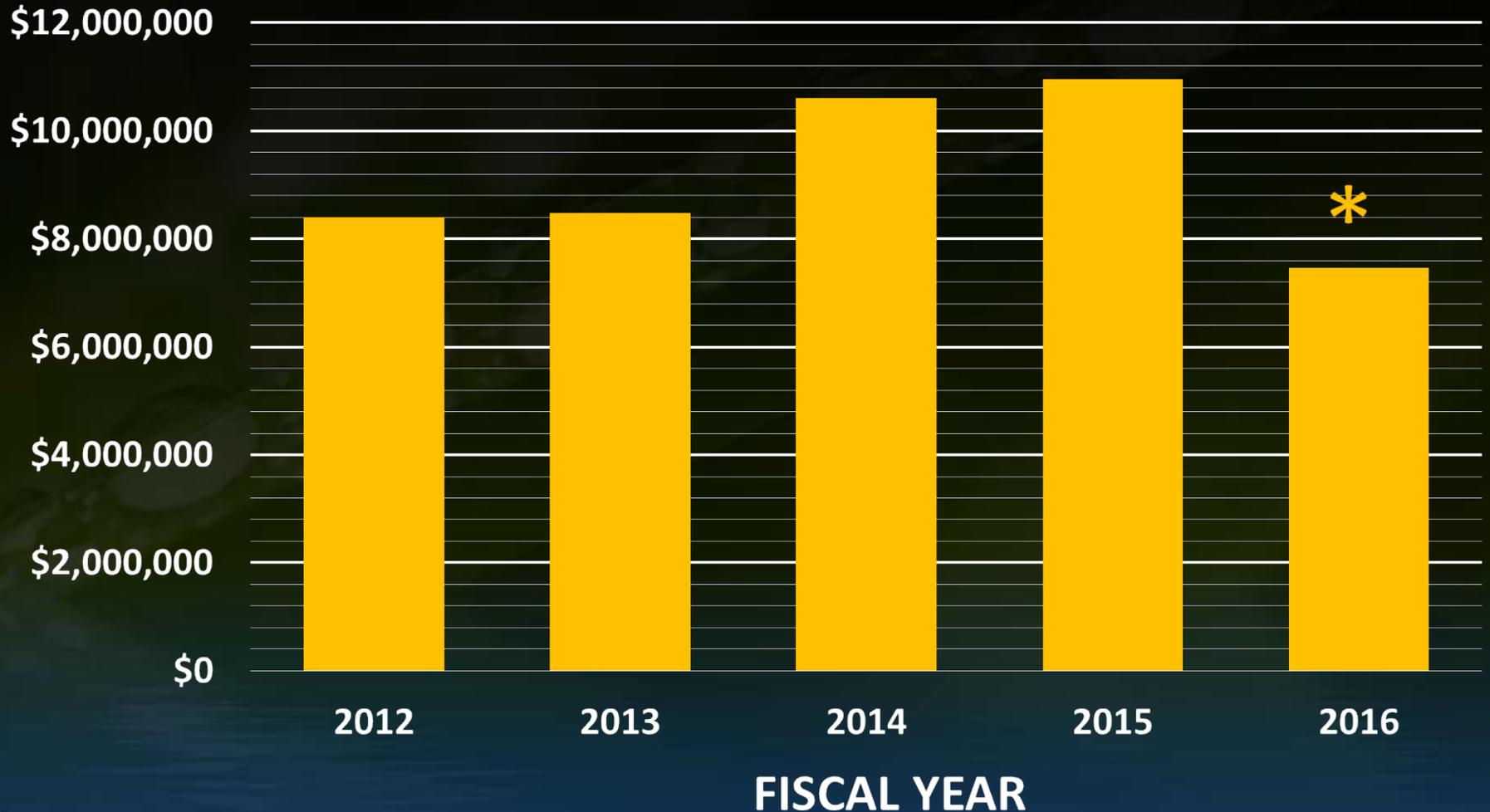
**Spraying from truck C-59**

**Ground crew treating melaleuca (Pennsuco)**

# Multi-Year Contract Justification

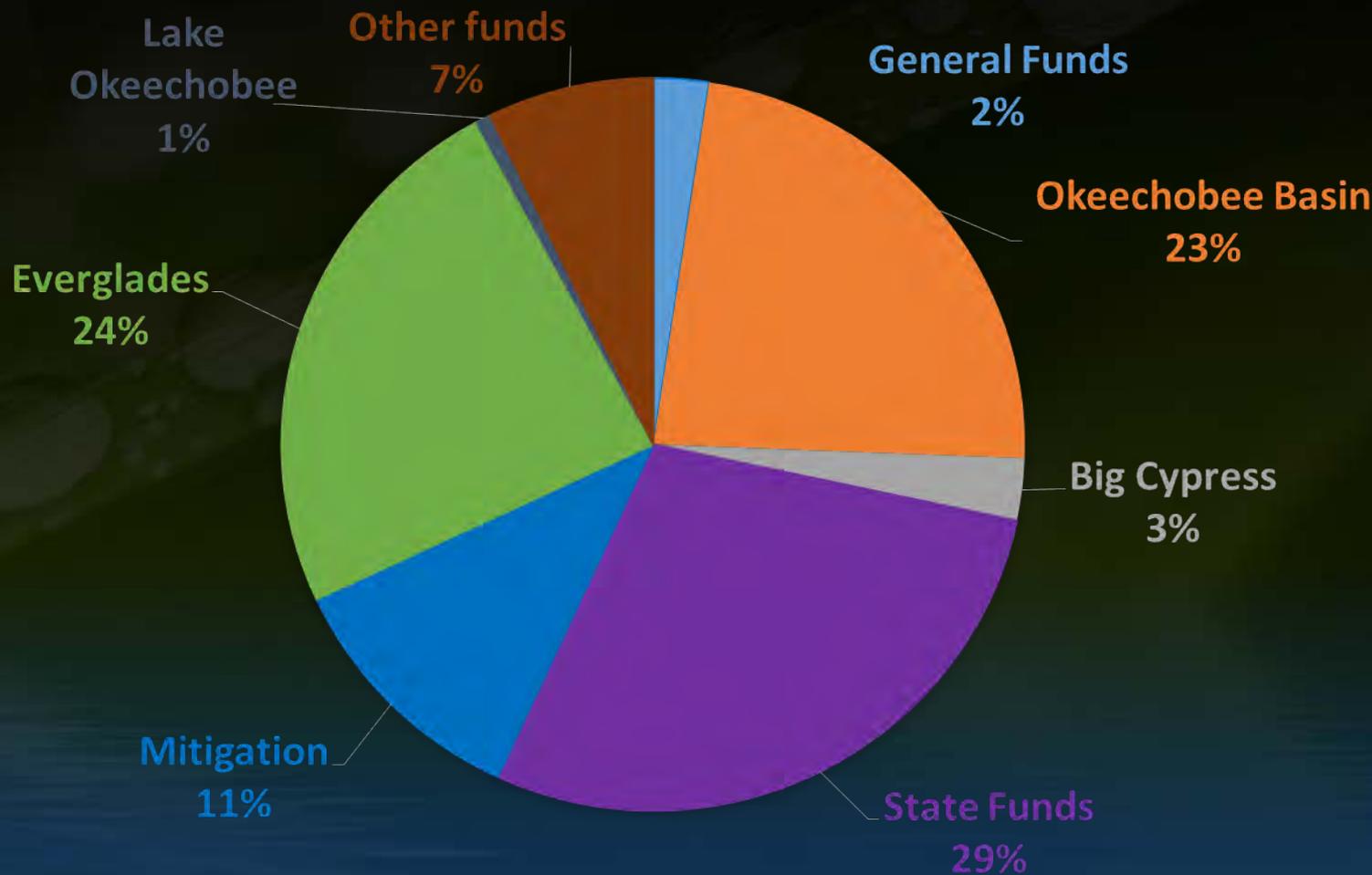
- Need consistency and continuity with contracts as the program is fully outsourced
- Longer contractor commitment is beneficial to offset start-up costs and sustain quality of service
- District equipment requirements are significant

# Contractual Services Expenditures



\* FY 16 expenditures ongoing

# Past 5 Years Source of Funding



Approve the following nine resolutions of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-to-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with one contractor the District will proceed in ranked order until a contract has been successfully negotiated.

Resolution 2016-0815 Applied Aquatic Management, Inc

Resolution 2016-0816 Aquatic Plant Management, Inc

Resolution 2016-0817 Aquatic Vegetation Control, Inc

Resolution 2016-0818 EarthBalance Corporation

Resolution 2016-0819 Environmental Quality, Inc

Resolution 2016-0820 Environmental Restoration Consultants, Inc

Resolution 2016-0821 Florida Best Inc. of Haines City

Resolution 2016-0822 Lake & Wetland Management, Inc

Resolution 2016-0823 Native Creations, Inc

**Ardisia removal within mangroves (Cutler Bay)**



**Thank You**

**Resolution 2016-0815**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Applied Aquatic Management, Inc., one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-to-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Applied Aquatic Management, Inc., the District will proceed in ranked order until a contract has been successfully negotiated.**

**Resolution 2016-0816**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Aquatic Plant Management, Inc., one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-too-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Aquatic Plant Management, Inc., the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.**

**Resolution 2016-0817**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Aquatic Vegetation Control, Inc., one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-too-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Aquatic Vegetation Control, Inc., the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.**

**Resolution 2016-0818**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with EarthBalance Corporation, one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-too-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with EarthBalance Corporation, the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.**

**Resolution 2016-0819**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Environmental Quality, Inc., one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-too-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Environmental Quality, Inc., the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.**

**Resolution 2016-0820**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Environmental Restoration Consultants, Inc., one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-to-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Environmental Restoration Consultants, Inc., the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.**

**Resolution 2016-0821**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Florida Best Inc. of Haines City, one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600 003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-to-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Florida Best Inc. of Haines City, the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.**

## Resolution 2016-0822

A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Lake & Wetland Management, Inc., one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-too-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Lake & Wetland Management, Inc., the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.

**Resolution 2016-0823**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize the official ranking of short-listed firms and enter into a 3-year work order contract with two 1-year renewal options, subject to successful negotiations with Native Creations, Inc., one of nine firms selected for ground application services for aquatic, wetland, and terrestrial vegetation control throughout the District, in an amount not-to-exceed \$13,000,000 each year for all nine contracts (4600003451, 4600003452, 4600003453, 4600003454, 4600003455, 4600003456, 4600003457, 4600003458, and 4600003459); of which ad valorem and non-ad valorem funds in the combined amount of \$13,000,000 are subject to Governing Board approval of the Fiscal Year 2017 budget and additional amounts not-too-exceed \$13,000,000 annually are subject to Governing Board approval of the Fiscal Year 2018-2021 budgets; providing that if negotiations are unsuccessful with Native Creations, Inc., the District will proceed in ranked order until a contract has been successfully negotiated; providing an effective date.**