



**AGENDA FOR MONTHLY MEETING  
VOLUSIA SOIL AND WATER CONSERVATION DISTRICT**

5:00 p.m. Wednesday, May 11, 2022

University of Florida IFAS Extension Auditorium  
3100 E. New York Avenue, DeLand, FL 32724

- I. Call to Order
- II. Supervisor Roll Call
- III. Approval of Minutes from April 13, 2022 meeting
- IV. Announcements and other updates
- V. Reports:
  1. Andy Kelly—Treasurer’s report
  2. Reports from Supervisors and Associate Supervisors on individual initiatives
    - Wendy—Deltona—Island Walk North Resolution update
    - Wendy—DeLand—Beresford Reserve DEP review update
    - Wendy—Update on SB1078 status and implications
    - Lynn-- Update of Tree Planting Plans
- VI. Correspondence:
  - a. mail, e-mail, phone
- VII. Presentation: Ria Gupta, Seabreeze High School, Year-long study of Nutrient Loads in City of Ormond Beach Central Park Lakes
- VIII. Old Business
  - a. Call for Applications for Supervisors Burbank and Kelly Resignation
  - b. Resolution 2022-1 for Protection of Biodiversity
  - c. Resolution 2022-4 for County of Volusia and Volusia’s cities to incorporate Low Impact Design principles on new projects on and renovations of public properties
- IX. New Business
  - a. Resolution 2022-5 for support of Wildlife Corridor Pledge (see sample pledge; official pledge will be available at meeting)
- X. Supervisor Final Remarks and Public Comments
- XI. Adjournment



### **A RESOLUTION 2022-1**

## **A RESOLUTION OF THE VOLUSIA COUNTY SOIL AND WATER CONSERVATION DISTRICT, FLORIDA, TO URGE ALL GOVERNMENTS TO REQUIRE ANY CORPORATIONS OR LANDOWNERS PROPOSING NEW DEVELOPMENTS OR CHANGES TO CURRENT LAND USES TO FACILITATE AN INCREASE IN THE LOCAL BIODIVERSITY AND SPECIES DENSITY OF NATIVE FLORIDA PLANTS AND ANIMALS**

**WHEREAS**, it is the purpose<sup>1</sup> of Florida's Soil & Water Conservation Districts to connect the people to the best management practices and most up-to-date scientific advice on how to maintain and improve the local natural environment, while safeguarding and protecting the quality of life of the people and wildlife living in and depending on this environment and also ensure that existing property rights and entitlements remain in place.

**WHEREAS**, the human civilization will continue to physically rely on the existence of a intact biodiverse natural ecosystem<sup>2</sup> for the supply of clean water, fertile farms, and ecological services;

**WHEREAS**, Florida's clean and naturally biodiverse environments are a significant tourist attraction, and tourism is Florida's largest economic sector<sup>3</sup>;

**WHEREAS**, in Florida and all around the world, human development is destroying natural environments at an unsustainable rate, directly causing a species extinction rate that is 10,000 times higher than the 'background' rate<sup>4</sup>;

**WHEREAS**, these high species extinction rates are predicted to destroy as much as half of all existing species on Earth by 2050 unless we halt our destruction of natural habitats;

**WHEREAS**, by providing proper stewardship of Florida's biodiversity, we protect our economy, our quality of life, and the possibility for future human civilizations to survive and thrive;

NOW THEREFORE, BE IT RESOLVED BY THE VOLUSIA COUNTY SOIL AND WATER CONSERVATION DISTRICT, IN OPEN MEETING DULY ASSEMBLED ON THIS 11th DAY OF May, 2022, AS FOLLOWS:

The Volusia County Soil and Water Conservation District hereby

**SECTION 1.** Encourages all stakeholders who control land and/or physical structures to require all future changes to these lands and physical structures be constrained to known scientific principles that have been proven to promote biodiversity.

**SECTION 2.** Recommends that the following examples of biodiversity enhancing transitions plus numerous others should be incorporated in all public and private new developments and major additions or changes to existing developments:



- New buildings should be encouraged to incorporate green roofs and walls.
- New building codes for sidewalks and parking lots should exclude the use of turf grass, and maximize permeable surfaces whenever possible, and include requirements for high density trees, bushes, and physical structures designed to promote diverse plant and animal habitats.
- New or extensively repaired solar panel arrays should be elevated, and the land underneath be augmented so as to be suitable for use as gardens, parks, forests, or allowed to grow into a native Florida vegetation community.
- Sodded grass lawns should be replaced with native plants, waterwise plantings and ground covers.
- Closed golf courses should be retained as green space and transitioned into parks, neighborhood gardens, environmental conservation, or similar uses to support biodiversity whenever possible.
- Private owners of native lands who are intending to build housing developments, should be encouraged to pursue the best and highest use of the property by prioritizing vertical construction that minimizes the built footprint, thus allowing the soils, terrestrial ecosystems, and water bodies between structures to remain intact and supporting biodiverse ecosystems.

**SECTION 3.** This resolution shall take effect immediately upon adoption.

Citations

1. <https://www.flsenate.gov/Laws/Statutes/2018/0582.02>
2. <https://www.ecowatch.com/biodiversity-and-human-survival-2636494557.html>
3. <https://en.wikipedia.org/wiki/Florida#Economy>
4. [https://www.iucn.org/sites/dev/files/import/downloads/species\\_extinction\\_05\\_2007.pdf](https://www.iucn.org/sites/dev/files/import/downloads/species_extinction_05_2007.pdf)

DONE AND ORDERED IN OPEN MEETING.

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Wendy Anderson, Chair  
Volusia County Soil and Water Conservation District Board of Supervisors

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Date

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Attest, Brent Zielinski, District Conservationist  
USDA Natural Resources Conservation Service

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Date



#### **RESOLUTION 2022-4**

**A RESOLUTION OF THE VOLUSIA COUNTY SOIL AND WATER CONSERVATION DISTRICT, FLORIDA, RECOMMENDING THAT THE COUNTY OF VOLUSIA AND THE INCORPORATED CITIES ACROSS VOLUSIA COUNTY IMPLEMENT GREEN INFRASTRUCTURE AND LOW IMPACT DEVELOPMENT DESIGN PRINCIPLES INTO NEW PROJECTS ON AND RENOVATIONS OF PUBLIC PROPERTIES**

**WHEREAS**, the Volusia County Soil and Water Conservation District purpose is to provide assistance, guidance, and education to land owners, land occupiers, the natural resources of the County, including its soil and water; and the general public in implementing land and water resource protection practices; and

**WHEREAS**, the Florida Legislature charges the soil and water conservation districts to work in conjunction with federal, state, and local agencies in all matters that implement land and water resource protection practices; and

**WHEREAS**, Green Infrastructure and Low Impact Development design principles utilize protection of existing green space, use of bioswales, rain gardens, and littoral plants around ponds, hyper-localized stormwater storage, and other strategies that facilitate nutrient filtration and aquifer recharge; and

**WHEREAS**, The Volusia Soil and Water Conservation District has a stated goal of supporting use of Low Impact Development (LID) in Volusia County's communities; and

**WHEREAS**, the Soil and Water Conservation District County has been partnering with the Volusia Environmental Management Division to educate about and promote the use of Green Infrastructure (GI) and LID; and

**WHEREAS**, the County of Volusia and the incorporated cities of Volusia County own and maintain public roads, parking lots, parks and other recreational areas, maintenance facilities, and buildings;

**NOW THEREFORE, BE IT RESOLVED BY THE VOLUSIA COUNTY SOIL AND WATER CONSERVATION DISTRICT, IN OPEN MEETING DULY ASSEMBLED ON THIS 11th DAY OF MAY, 2022, AS FOLLOWS:**

**SECTION 1.** The above recitals are true and correct, and by this reference are hereby incorporated in and made an integral part of this Resolution.

**SECTION 2.** The Volusia County Soil and Water Conservation District hereby approves and adopts this resolution, thus fulfilling our statutory right and obligation to work with local agencies to implement land and water resource protection practices. We recommend that:



1. The County of Volusia and its incorporated cities instruct its engineers, architects, and project managers to implement LID principles on all new or renovated roads, parking lots, parks and other recreational areas, maintenance facilities, and buildings;
2. The County of Volusia and its incorporated cities deny approval of public projects that fail to implement tools to manage stormwater that maximize both nutrient filtration and aquifer recharge;
3. The County of Volusia and its incorporated cities provide signage and website features of these GI and LID projects to educate the broader community about these principles and provide precedents for private developers to follow;
4. The County of Volusia and its incorporated cities collaborate with environmental scientists from local universities to assess the filtration and infiltration efficacy of GI and LID tools implemented on public properties.

**SECTION 3.** This resolution shall take effect immediately upon adoption.

DONE AND ORDERED IN OPEN MEETING.

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Wendy Anderson, Ph.D., Chair Date  
Volusia County Soil and Water Conservation District Board of Supervisors

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Attest, Brian Zielinski, District Conservationist Date  
USDA Natural Resources Conservation Service



**A RESOLUTION 2022-5**

**A RESOLUTION OF THE VOLUSIA COUNTY SOIL AND WATER CONSERVATION DISTRICT, FLORIDA, TO PROTECT THE VOLUSIA WILDLIFE CORRIDOR**

**WHEREAS**, it is the purpose<sup>1</sup> of Florida’s Soil & Water Conservation Districts to connect the people to the best management practices and most up-to-date scientific advice on how to maintain and improve the local natural environment, while safeguarding and protecting the quality of life of the people and wildlife living in and depending on this environment and also ensure that existing property rights and entitlements remain in place.

**WHEREAS**, Florida’s clean and naturally biodiverse environments are a significant tourist attraction, and tourism is Florida’s largest economic sector<sup>3</sup>;

**WHEREAS**, the Florida Wildlife Corridor connects through the Environmental Core of Volusia County;

**WHEREAS**, the Volusia Wildlife Corridor comprises biodiverse natural ecosystems that supply of clean water, wildlife habitat, and other economically valuable ecosystem services as well as fertile and productive farms;

NOW THEREFORE, BE IT RESOLVED BY THE VOLUSIA COUNTY SOIL AND WATER CONSERVATION DISTRICT, IN OPEN MEETING DULY ASSEMBLED ON THIS 11th DAY OF May, 2022, AS FOLLOWS:

The Volusia County Soil and Water Conservation District hereby

**SECTION 1.** Encourages all stakeholders who control land or water within the Volusia portion of the Florida Wildlife Corridor to prioritize protecting its lands and waters for habitat and safe movement of wildlife.

**SECTION 2.** Pledges to support and affirm any and all efforts to permanently protect the Florida Wildlife Corridor as set forth in the Florida Wildlife Corridor Act of 2021(Florida Statute 259.1055).

**SECTION 3.** This resolution shall take effect immediately upon adoption.

DONE AND ORDERED IN OPEN MEETING.

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Wendy Anderson, Ph.D., Chair  
Volusia County Soil and Water Conservation District Board of Supervisors

Date

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Attest, Brian Zielinski, District Conservationist  
USDA Natural Resources Conservation Service

Date