

21.208 Conservation Element.

This element ensures the conservation, protection and wise use of all natural ecosystems and natural resources on the university campus and in the planning study area.

(1) CONSERVATION DATA AND ANALYSIS REQUIREMENTS. This element shall be based on the following data and analysis requirements, pursuant to Subparagraph 21.202(2).

- (a) Inventory and assess existing natural and environmental resources where present both on the university campus and within the planning study area.
- (b) The assessment indicated in (1)(a) of this element shall include for each natural and environmental resource the:
 - 1. Identification of existing or potential commercial, recreational, or conservation uses.
 - 2. Identification of available and practical opportunities and methods for protection or restoration of those resources.
 - 3. Identification of known sources and rates of discharge or generation of pollution or its impacts generated by university activities.
 - 4. Identification of opportunities or available and practical technologies to minimize pollution or its impacts generated by university activities.
 - 5. Identification of current and projected water needs and sources, based on the demand for industrial, agricultural and potable water use and the quantity and quality available to meet those demands.
 - 6. Identification of opportunities or available and practical technologies to reduce university energy consumption unless addressed in the utilities or capital improvement element. Investigation of emerging technologies (i.e., solar) to address this issue is encouraged.

(2) REQUIREMENTS FOR CONSERVATION GOALS, OBJECTIVES AND POLICIES.

- (a) The element shall contain one or more goals establishing the long-term end toward which conservation programs are directed.
- (b) The element shall contain one or more objectives for each goal which:
 - 1. Protect or improve air quality;
 - 2. Conserve, appropriately use, and protect the quantity and quality of current and projected water sources (including groundwater and surface water);
 - 3. Conserve, appropriately use, and protect native vegetative

- communities and wildlife habitat and manage non-native invasive plant removal; and
4. Conserve and appropriately use energy.
- (c) The element shall contain one or more policies for each objective which address implementation activities that:
1. Protect water quality and quantity by restricting university activities which contaminate groundwater sources such as wellfields, cones of influence or recharge areas;
 2. Protect native vegetative communities from destruction by university development activities and also encourage use of native vegetation whenever possible;
 3. Restrict university activities known to threaten the habitat and survival of endangered and threatened plant and wildlife species and species of special concern;
 4. Improve control of, or restrict or minimize university activities which generate air and light pollution;
 5. Minimize stormwater-borne pollutants generated as a result of university operations and maintenance practices;
 6. Protect and conserve the natural functions of soils, rivers, floodplains and wetlands;
 7. Encourage recycling;
 8. Designate environmentally sensitive lands for protection based on state and locally determined criteria;
 9. Manage hazardous wastes to protect natural resources; and
 10. Establish administrative, operational, and other procedures to conserve energy and minimize future demand.
 11. Encourage the attritional replacement of existing university-controlled vehicle fleets with reduced emission vehicles.
- (d) The Conservation Element shall be described, at a minimum, in the Conservation Element Map and explanatory text. This map along with companion text shall describe the natural resource conservation and protection areas planned on the university campus. The map and text shall be accompanied by explanatory tabular information as required.

Authority: Section 7(d), Art. IX, Fla. Const., History – Formerly 6C-21.208, 2-15-94, Amended and Renumbered 6-18-09.