

Alachua County Planning Policies Related to Climate Change

Southeast Florida Climate Action Plan Category	SE Florida Climate Action Plan policies	Related Alachua County Policy Description	Associated Objectives and Policies (bold=new policies)
Agriculture	Preserve economic viability; Promote local foods; Meet water needs; Research climate-related needs; Create purchase of development rights programs; Manage land responsibly; Seek critical agricultural resource designation; Enable urban agriculture; Expand pest and pathogen prevention; Promote responsible agricultural practices; Assess health risk to workers	Encourage sustainable and conservation-oriented ag practices, support local food protection and BMPs, Transfer of Development Rights programs, promote local farmer's markets and eliminate food deserts.	Future Land Use Element (FLUE) 6.1.3, 6.1.4, Obj. 9.1; Energy Element Policy 3.2.1, Obj. 6.1 , Policy 6.1.1 , 6.1.2, 6.1.3, 6.2.1, Obj. 6.3, 6.4, Policy 6.4.1, 6.4.3, 9.1.3 , Conservation & Open Space Element (COSE) Obj. 5.5 and associated policies, Community Health Element Policy 1.3.2.3, 1.3.2.4
Energy and Fuel	Promote renewable policies and technology; Enable new energy systems; Increase access to energy efficiency; increase access to distributed renewables; use renewables for emergency management; streamline permitting and administrative processes; help homeowners invest in renewables; build future energy capacity; enable fuel-efficient public vehicle fleets; establish fuel-efficient municipal vehicle fleets; promote electric vehicles	Promote renewable practices and technology, reduce consumption and increase renewable energy, reduce greenhouse gas emissions; fuel-efficient vehicle fleet, provide support for electrification of the vehicle fleet.	FLUE Policy 1.4.1 , Housing Element Policy 2.2.6 , Economic Element Policy 1.1.6, 1.2.11; Energy Element Obj. 1.1, 2.2, 3.1 and 3.2, Policy 3.2.2.1, 3.2.4, 3.3.1, 5.1.4 , 5.1.5, 5.1.6, 5.2.3, Obj. 7.1, Policy 9.1.3 ; COSE Policy 5.7.10, Solid Waste Element Obj. 1.2, 1.5 and associated policies
Risk Reduction and Emergency Management	Identify at-risk populations and infrastructure; integrate climate scenarios into planning; include vulnerability analysis in emergency management; create pre-disaster plans; reduce risk exposure with insurance; prioritize transportation adaptation investments; promote climate adaptation plans across sectors; review the Florida Building Code; Communicate risk to all residents; promote policies to reduce flood risks; promote renewable energy and storage; use social media to communicate; encourage recovery and adaptation plans; train city and county staff; connect with high-vulnerability populations; define "communities at risk"; integrate chief resilience officer roles; (align plans with Coastal Construction Control Line)	Provide a safe transportation network that supports the needs of all system users, assist planning and service delivery for the transportation disadvantaged, reduce fire risks through wildlife mitigation and reduce wildfire hazards, reduce hazardous waste production	Transportation Mobility Element Obj. 1.8, Policy 1.8.1 - 1.8.7 , Obj. 2.2 and associated policies; Housing Policy 2.2.5, FLUE General Strategy 1, COSE Obj. 5.6 and policies, Obj. 5.7

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Natural Systems & Water	Foster public awareness; promote government conservation land acquisition; support wildland fire management; develop sustainable financing; form species dispersal and conservation group; assess invasive species impacts; seek government climate science funding; revise environmental regulations; promote freshwater buffer landscaping; promote urban tree canopy; (promote coastal natural systems; protect coral reefs; create fisheries adaptation plans; respond to beach erosion; fund the comprehensive Everglades restoration plan)	Protect natural areas and wetlands and monitor health of natural resources, including strategic ecosystems, listed species habitat and significant habitat, significant geologic features, floodplains, strong wetland avoidance and buffer standards, protect productive native soils, promote pollinator health and habitat, protect urban tree canopy, Alachua County Forever conservation lands program and Greenways Master Plan	COSE Policy 2.1.2, 3.1.1, 3.1.3, Obj. 3.4, Policy 3.6.8, 4.7.7 Obj. 4.9, 4.10, 6.1, 6.2, 6.3, 6.5, 6.6 Policy 6.2.1, 6.2.3, 6.2.5, 6.3.2, 6.6.1, 6.6.5, 6.6.6, 6.6.7, 6.6.10, 6.6.11, Obj. 7.1 and associated policies , Energy Element 3.2.2, 9.1.3
Public Health	Communicate public health risks; update Department of Health plans; Tailor health resources to communities; reduce extreme heat exposure; support data collection; increase health data monitoring; assess climate impacts on chronic conditions	Support programs to reduce poverty and its effects, increase equitable access to affordable dental and health services, and reduce the prevalence and incidence of substance abuse and strive for a drug-free community	Housing Element Policy 3.1.3,3.1.4, 3.1.5, 3.1.7 , COSE Policy 5.7.8; Community Health Element Obj. 1.2, Policy 1.3.3 , Obj. 1.5, Policy 1.5.1.1, Obj. 1.6, 1.7, 1.8, 1.9 and associated policies
Public Outreach and Engagement	Develop communications per community needs; promote public awareness; inspire community action; create open data tools; co-create community-responsive strategies	Develop outreach programs, work with children's advocacy and promote schools for food distribution	Energy Element Policy 3.2.2.1, 9.1.3 PWSSE Policy 8.11, 8.1.5, Community Health Policy 1.4.4 ; Economic Element Obj. 1.4
Regional Economic Resilience	Establish business-oriented communications strategy; advance infrastructure standards; seek federal and state engagement; develop regional water models; integrate resilience and economic development; establish equitable investment strategies; engage in the NFIP process; model regional resilience; strive for equity	diverse and sustainable economic base, clustered development strategies	Economic Element Ob. 1.1, Policy 1.1.6; COSE Policy 4.6.14 , Obj. 4.6 - 4.10, Future Land Use Element 6.2.9- 6.2.13, Public Schools Facilities Element Policy 3.7.2

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Social Equity	Engage with high-vulnerability populations; integrate social vulnerability data; support equitable public infrastructure; engage leaders in high-vulnerability populations; connect with communities through local leaders; partner with intermediary organizations; train government staff on equity	Sustainable building techniques with affordable housing with programs to reduce poverty and its effects, address economic and racial disparities	FLUE Obj. 8.5 and associated policies, Housing Element Policy 1.2.6, 1.2.7, 1.2.8, 1.2.9, 1.3.7,1.3.8, 2.1.6 , Obj. 2.2, Policy 2.2.5, 2.2.7 , Obj. 2.4, 2.4.6, 3.1.8, 3.1.9 ,Obj. 3.2, 3.3, Economic Element Goal 1, Obj. 1.1, Policy 1.1.5, 1.2.1 , 1.2.3, 1.2.5 - 1.2.14, 1.2.18, Obj. 1.4, Policy 1.4.2, 1.4.3, Obj. 1.5 and associated policies, Community Health Element Policy 1.3.1.3, Obj. 1.9 and Policies 1.9.1 - 1.9.4 with new definition on Health Equity and Health Impact Assessment
Sustainable communities and transportation	Incorporate projections into plans and maps; identify investments through vulnerability analysis; designate adaptation action area; ensure equitable outcomes for policy; develop localized adaptation strategies; incorporate risk-reduction strategies into planning; adopt green building standards; preserve historic and archaeological resources; shape development through transportation planning; modify local land use plans; design sustainable and equitable transportation systems; utilize unused or underutilized properties; adopt social equity policies; phase out septic systems; increase resilience through investments; increase use of transit; promote bicycle and pedestrian facilities; expand transportation demand management; promote low-carbon transportation for freight; promote transportation-system management and operations; use evidence-based planning	sustainable development strategies, open space, natural resource protection, transportation planning, use built environment to promote the health and wellbeing of our citizens and reduce chronic disease, protect historic and archaeological resources, development strategies to reduce greenhouse gas emissions and create live, work, play, and shop communities.	FLUE General Strategy 1, Obj. 1.7, Policy 1.7.5, 6.2.5 Transportation Mobility Element Principle 1, Policy 1.1.2, 1.1.3, Obj. 1.3, 1.4, 1.7 Policy 1.7.2, Economic Element Obj. 1.5, COSE Obj. 3.4 and 5.2, Policy 5.2.1, 5.2.2, 5.2.3, 7.1.7; Energy Element Policy 2.1.1; PWSSE Policy 8.1.8 ; Stormwater Policy 5.1.12, Community Health Element Obj. 1.2, Policy 1.3.3, 1.3.3.1 - 1.3.3.3

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Water and Stormwater	Foster innovative water management; ensure consistency in water resource scenario planning; plan for future water supply; inventory water and wastewater infrastructure; develop a water infrastructure database; modernize standards; create resilient flood control systems; update the regional stormwater rule; integrate surface and groundwater impacts in planning; encourage green infrastructure; integrate hydrologic and hydraulic models; proactive integrated water management; improve stormwater management practices; foster water management research; expand partnerships and resources for innovation; advance capital projects; coordinate innovation and funding; recognize adaptable infrastructure; expand surface water storage; (support the comprehensive Everglades Restoration Plan; coordinate saltwater intrusion mapping)	Green infrastructure and LID, higher water quality standards, water conservation, springs and aquifer protection, hazard material management, watershed planning	FLUE Policy 1.6.6.6, 1.6.7.4, 2.1.6; COSE Obj. 4.5, Policy 4.5.1 4.5.4, 4.5.5,4.5.6 (Springs) 4.5.21 4.5.22, 4.6.12, 4.6.16, Obj. 5.7, Policy 5.7.1; Energy Element Policy 2.2.2, 2.2.3, 2.2.4, 3.2.2, 6.4.2, 6.4.3; Potable Water & Sanitary Sewer Element Obj. 6.1 , 8.1, Policy 8.1.7, 8.1.8 ; Stormwater Element Policy 3.1.1, 5.1.6, 5.1.11
[Compact] Coordination	Implement a communications strategy, promote broader project review, support resilience in jurisdictions, track regional indicators, and create equity advisory group (and update sea level rise projections)	Track resources and coordinate with advisory groups, stakeholders, federal, regional, state, and local agencies and governments, coordinate with local jurisdictions	Intergovernmental Coordination Element Obj. 5.1, Policy 5.1.8, Obj. 8.1 and associated policies, COSE Policy 2.1.2

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Public Policy advocacy	Support climate-conscious government action; form coalitions; coordinate policies across jurisdictions, encourage public participation; advocate jointly on issues; prioritize climate change in water management plans; advance social and economic equity; consider direct and indirect impacts	Promote coordination among local health systems and entities. Partner with community groups, local educational institutions, IFAS, health care providers	Community Health Element Goal, Obj. 1.1, Energy Element 9.1.3
*Bolded polices are proposed to be added with the 2019 Comp Plan Amendments			
Additional ideas:			
Public awareness	Consider a Climate Compact for this region of the State.		

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What more can we do?
Seek critical agricultural resource designation, research climate-related needs for Ag (IFAS?), more focus on protecting our soils
Increase public access to energy efficient products; increase access to distributed renewables, identify projects through CIP program
Integrate climate scenarios into planning; promote climate adaptation plans across sectors; review the Florida Building Code; Communicate risk to all residents

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What more can we do?
Examine and propose revisions to environmental regulations to account for the effects of climate change. Define environmental resiliency. Have future referendums to fund acquisition and management of conservation lands
Promote strategies to reduce extreme heat exposure; support data collection; increase health data monitoring; assess climate impacts on chronic conditions and changing diseases
Foster public awareness of the impacts of climate change on the region's natural systems and ecosystem services.
model regional resilience

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What more can we do?
Support equitable public infrastructure; engage leaders in high-vulnerability populations; train government staff on equity
Update CIP projects and consider new funding sources like a surtax, further evaluate resiliency strategies

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What more can we do?
Expand partnerships and resources for innovation; advance capital projects; coordinate innovation and funding; recognize adaptable infrastructure
Support resilient strategies in jurisdictions, track regional indicators, and create equity advisory group; join other climate initiatives and partnerships; Plan for potential impact on Social, Medical, and Public Safety Services related to influx of population from Florida coastal retreat and other climate refugees

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What more can we do?
Support climate-conscious government action; form coalitions; coordinate policies across jurisdictions, encourage public participation; advocate jointly on issues; prioritize climate change in water management plans; consider direct and indirect on both short-term and long-term impacts