

Regional Action Plan Partner Meeting – Table of Contents

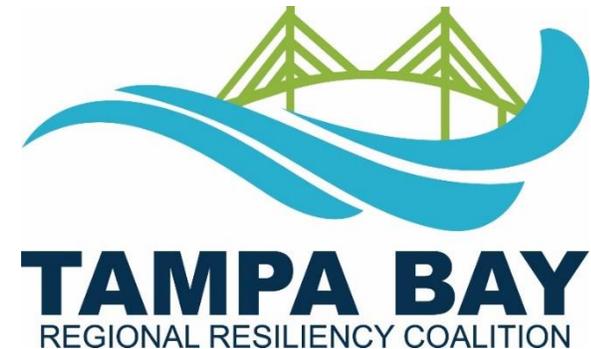
Oct. 1st and 2nd, 2020
1:00-3:00
ZOOM meeting

- **CJ Reynolds**

Director of Resilience & Engagement

- **Cara W. Serra**

Comprehensive Resiliency Planner



AGENDA

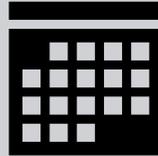


1:00-1:05	Welcome –
1:05-1:10	Summary of September Meeting
1:10-1:20	Overview of Document Layout
1:20-2:00	Chapter 1 & 2: Review of Layout and Draft Goals
2:00-2:10	Break
2:10-2:50	Chapter 3, 4 & 5: Review of Layout and Draft Goals
2:50-3:00	Next Steps

Goals for Today



Review Chapter Structure



Discuss Climate Stressors



Review Draft Goals for each Chapter



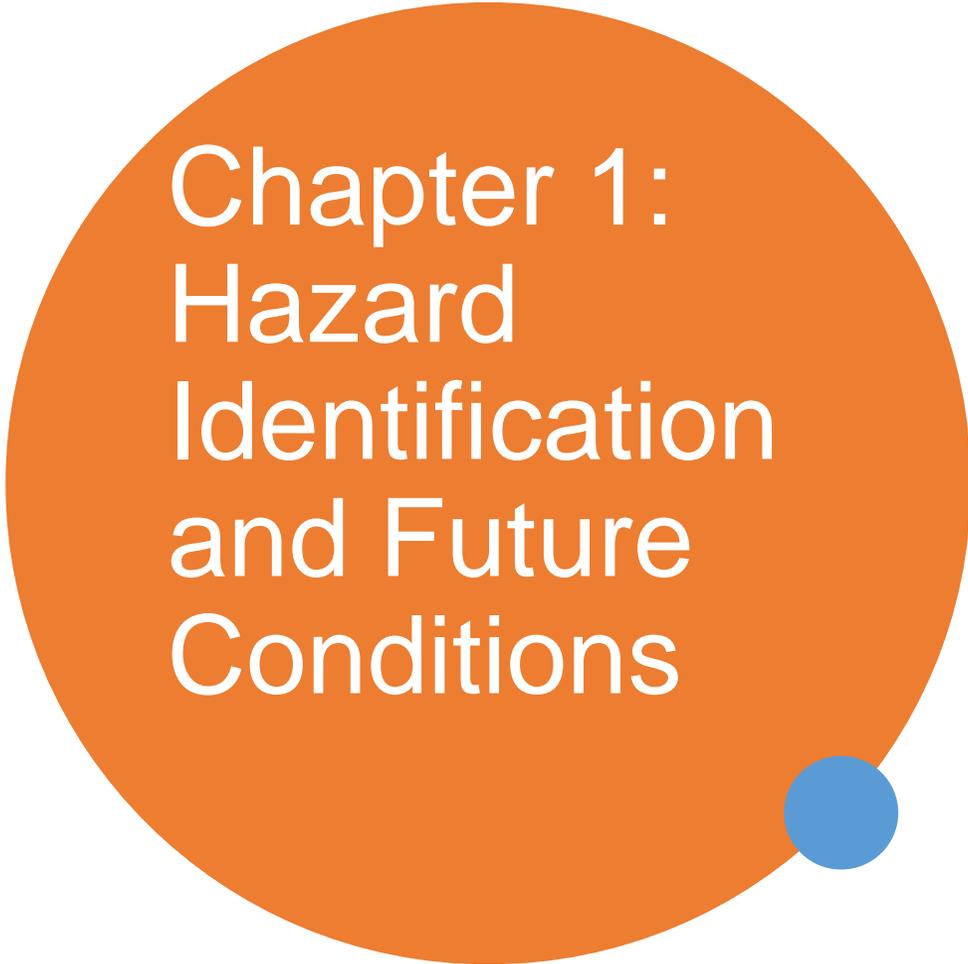
Identify next steps for first two Chapters

Overall Structure

In Each Chapter

- **Introduction**
 - Overview
 - Vision Statements (3 – 5)
- **Impacts of Climate Change Stressors**
 - Exacerbation of Natural Hazards and Socioeconomic Vulnerabilities (1 & 2)
 - Impact on Public Health, Habitat, Ecosystems, Infrastructure, Affordable Housing, Economy (3 - 5)
- **Objectives and Goals**
- **Scorecard**
 - May be moved to goals for future development

- 
- I. Introduction**
 - II. Section 1: Identification of Hazards**
 - III. Section 2: Impacts of Climate Change Stressors Identified in NCA**
 - IV. Section 3: Planning – Objectives and Goals**
 - V. Section 4: Scorecard**



Chapter 1: Hazard Identification and Future Conditions

Chapter 1, Section 1: Identification of Hazards

- National Climate Assessment
- CSAP Recommendations
- TBEP Climate Change Vulnerability Assessment
- Additional Literature as needed

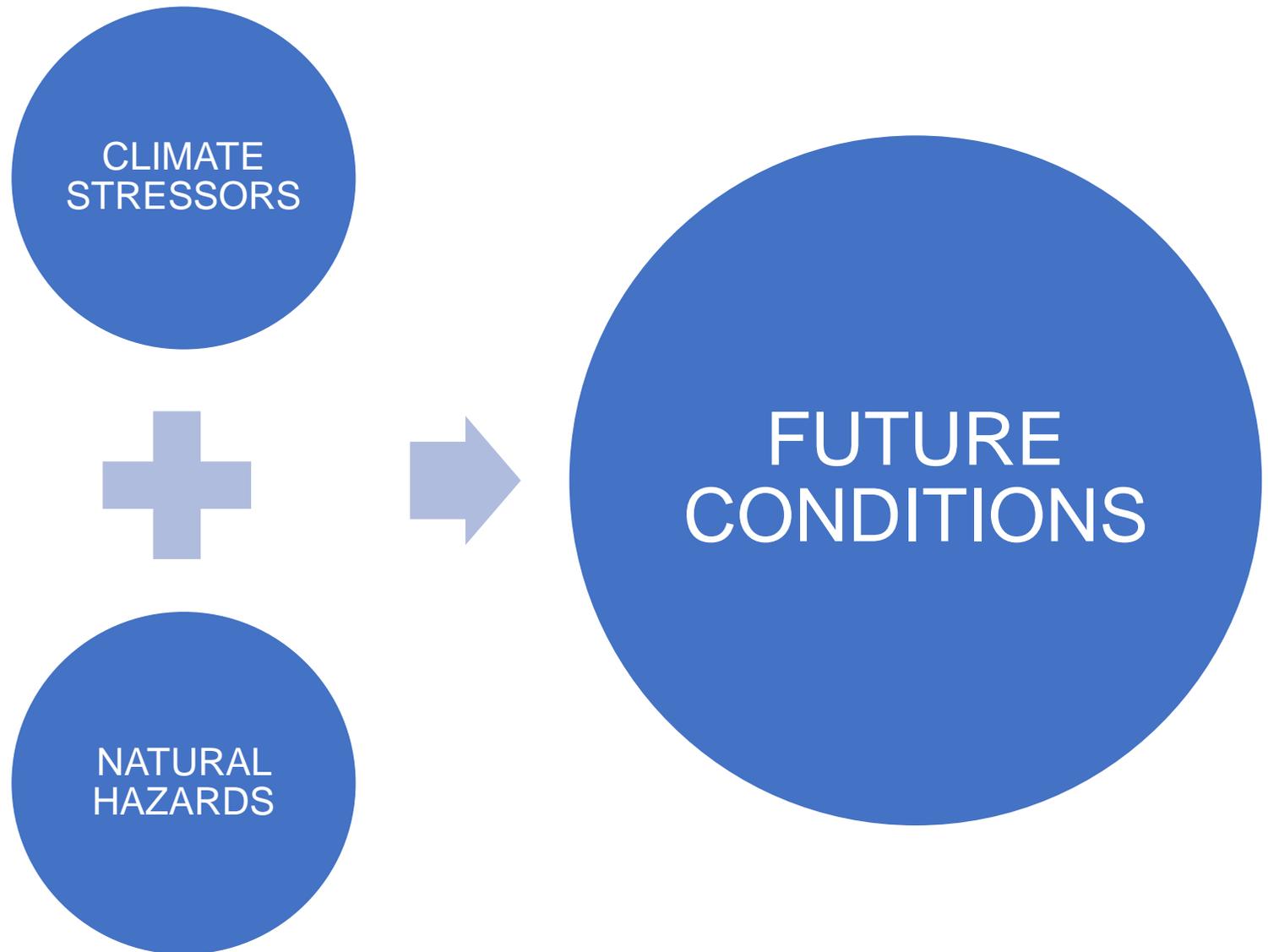


- Sea-level rise
- Increased Air Temperatures
- Increased Water temperatures
- Extended frost-free season
- Storminess (extreme rainfall, hurricanes)
- Drought
- Ocean acidification

Chapter 1, Section 1: Climate Stressors and SHMP Categories

Natural Hazards SHMP	
Flood	Sea Level Rise Increased Air and Water Temperatures Storminess
Tropical Cyclones	Sea Level Rise Increased Air and Water Temperatures Storminess
Severe Storms	Sea Level Rise Increased Air and Water Temperatures Storminess
Wildfire	Extended frost-free season Storminess (extreme rainfall, hurricanes) Drought
Erosion	Sea Level Rise Storminess
Drought	Drought
Extreme Heat	Increased Air and Water Temperatures

Chapter 1, Section 2: Impacts



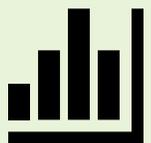
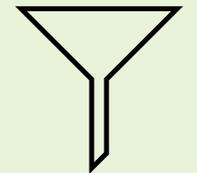
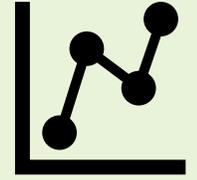
*Impacts to health, environment, infrastructure, and economy will be in chapters 3 – 5.

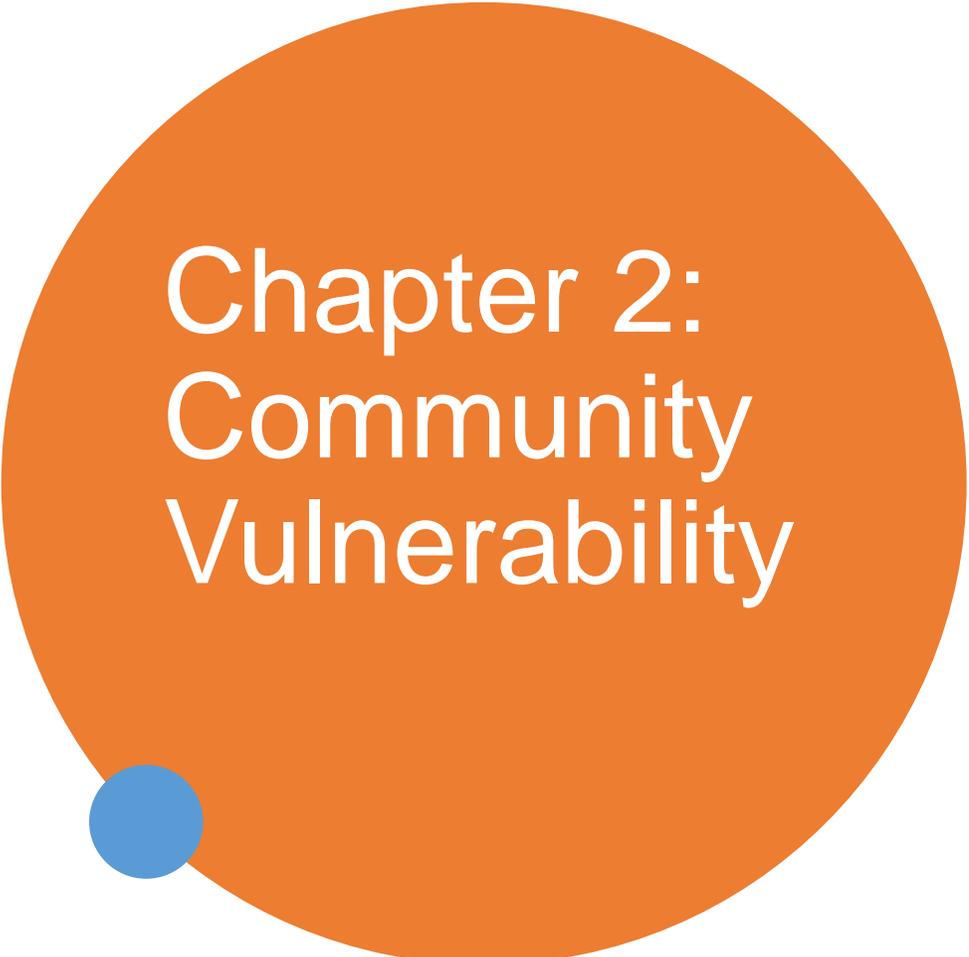
Chapter 1: Proposed Goals

Section 3: Planning – Objectives and Goals

- Goal 1: Define additional data/research needed by local governments.
- Goal 2: Develop regional consistency in how climate change is analyzed in mitigation plans.

Section 4: Scorecard





Chapter 2: Community Vulnerability

- 
- I. Introduction**
 - II. Section 1: Demographics, Geographic and Housing Summary**
 - III. Section 2: Summary of Impacts of Compound Risks and Confluences**
 - IV. Section 3: Planning -- Objectives and Goals Section (This section focuses on data needs, planning integration, policy. Mitigation goals are in the Place chapter.)**
 - V. Section 4: Scorecard**

Chapter 2, Section 1: Demographics, Geographic and Housing Summary

Section 1: Demographics, Geographic and Housing Summary

Who We Are

- Regional summary, By county – American Community Survey and ALICE
- Highlight different populations and vulnerability factors

Where We Live

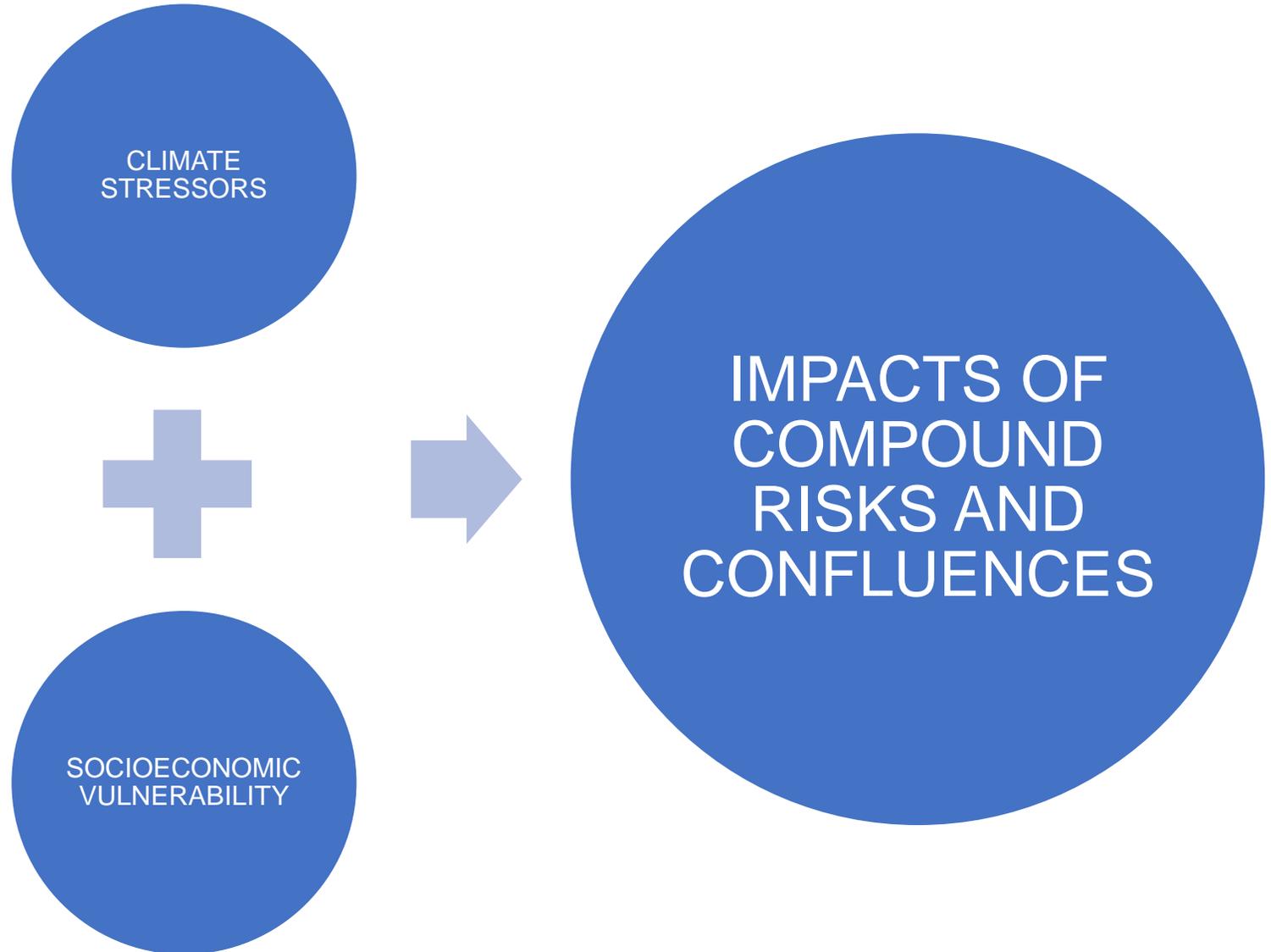
- Highlight different geographic vulnerabilities (rural, coastal, urban)
- Examples of cities/neighborhoods at risk for different hazards

What we live in (homes categories)

- Percent of homes in “risk” zones
- Factor of age (UF affordable assisted housing risks – REACH)

Chapter 2, Section 1: Impacts

- Exacerbated risks due to poverty and systemic inequity – development, recovery, transit, evacuation issues, homelessness
- State funding impacts to local (Sadowski Act)
- Opportunity to increase integration between plans (FHC REACH report)
- Disaster recovery

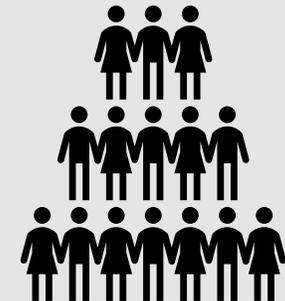


Chapter 2: Proposed Goals

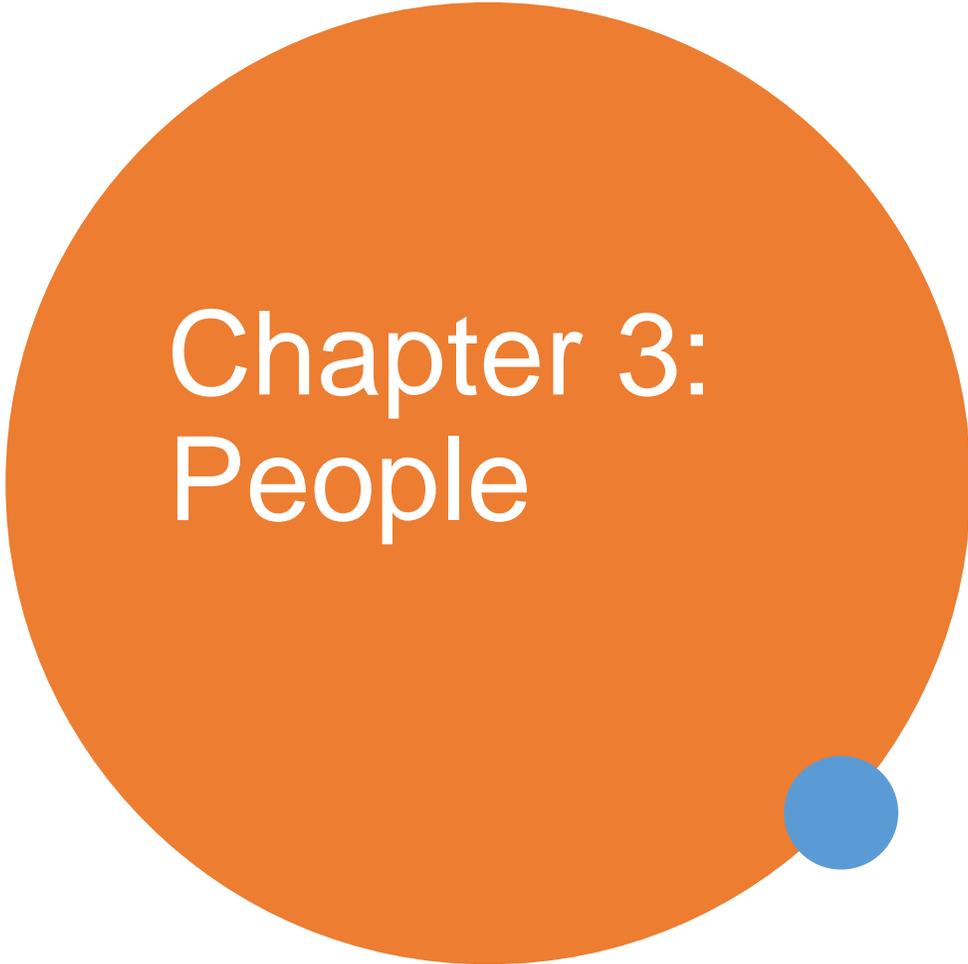
Section 3 Goals

- Goal 1: Increase housing resilience by integrating housing risks into all critical resilience documents and plans.
- Goal 2: Define additional data/research needed to inform housing strategies based on forecasted Income/wages compared to rent and housing needs.)
- Goal 3: Develop a regional framework, process and metrics to evaluate the intersections of community vulnerability and affordable housing risks
- Goal 4: Create standardized, science-based methods for quantifying and mapping housing inundation and produce new maps to support local planning and identify areas to encourage/incentivize the development of affordable housing with access to transit, jobs, and resources.
- Goal 5: Support collaboration/integration between LMS, CRS programs and housing plans. (Regional/Local Action: Convene LMS and CRS workgroups to develop housing recommendations for future plan updates.)
- Goal 6: Develop housing policy group to advocate for full funding of Sadowski Trust fund to increase investment in local affordable housing.

Section 4: Scorecard



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- I. Introduction**
 - II. Section 1: Defining “People”**
 - III. Section 2: Impacts of NCA Climate Stressors on Community Assets**
 - IV. Section 3: Planning – Objectives and Goals**
 - V. Section 4: Scorecard**



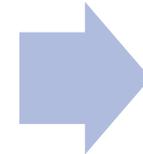
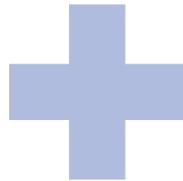
Chapter 3: People

Chapter 3, Section 1: Intro and Vision

Resilient leadership through effective knowledge sharing, capacity building and collaboration with community, business and government.



Chapter 3, Section 2: Impacts



Chapter 3: People

Section 3: Planning – Objectives and Goals

Goal 1: Develop a culture which supports sustainability and resilience innovation and action to increase community well-being and preparedness. (focus on increasing community capacity goals that integrate well-being goals with resilience/sustainability & equity

- Work with Neighborhood Councils to develop resilience and preparedness plans by 2025. Engage neighborhoods and vulnerable populations to increase awareness of hazards, flood risk reduction strategies, and identify needs and barriers to improve response.
- Increase engagement with business leaders and organizations to address risk and recovery planning to ensure continuity of Community Lifelines.
- Support integration of sustainable BMPs (LEED, STAR, other) and metrics in government-owned facilities and departments goals.
- Develop programs to educate and empower non-profit organizations and businesses to improve the energy efficiency and energy security of homes, apartment buildings and commercial buildings.

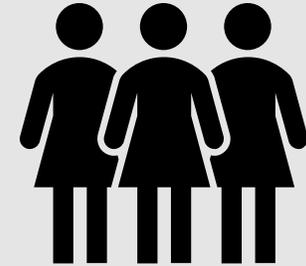
Goal 2: Implement proactive resilience accounting and governance strategies into the Office of Management & Budget and Capital Improvement Planning processes

- Conduct financial risk and vulnerability assessment to future conditions, and to understand potential changes to revenue/tax base in 2030-2050
- By 2024, apply resilience criteria to projects that prioritize investments in capital planning, critical infrastructure and redevelopment areas.

Goal 3: Increase resilience consistency by integrating goals and policies across local departments, plans, policies and objectives.

- Require resilience as a guiding principle for land use decisions in the comp plan and zoning code updates
- Integrate resilience into community plan updates by including a risk and vulnerability analysis with policies and implementation measures that addresses zones or neighborhoods level.

Section 4: Scorecard





Chapter 4: Place

- **Introduction**
 - **Section 1: Defining “Place”**
 - **Section 2: Impacts of Climate Change on “Place”**
 - **Section 3: Planning – Objectives and Goals**
 - **Section 4: Scorecard**
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Chapter 4, Section 1: Intro and Vision

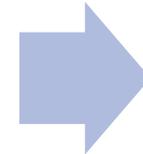
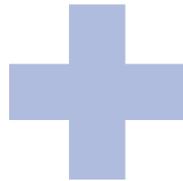
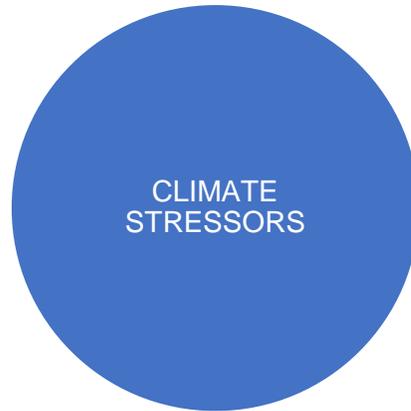
Vision: Resilient critical infrastructure, protection of habitats and Ecosystems from a changing climate and the consideration of climate change as an obstacle to the necessary expansion of available affordable housing.

Two Scales:

- **Neighborhood**
- **Community (City/County)**



Chapter 4, Section 2: Impacts



Chapter 4: Place

Section 3: Planning – Objectives and Goals

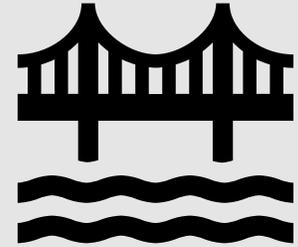
Neighborhood Scale Goals

- Goal 1: increase housing options/quantity in low risk areas to meet the need of the growing workforce and young families
- Goal 2: integrate housing and redevelopment plans into hazard and resiliency plans to ensure investment and community safety, quantitative, community, neighborhood-based, short- and long-term post-disaster housing plans)
- Goal 3: Improve community resilience indicators which correlate to housing mitigation strategies.
- Goal 4: Develop financial and regulatory incentives to prioritize housing mitigation, development and other strategies that support LMI areas.
- Goal 5: Develop partnerships with non-profits and developers to increase housing in resilient areas.

Community Scale Goals

- Goal 6: Expand resilient infrastructure by prioritizing green infrastructure and hardening or relocating critical infrastructure
- Goal 7: Preserve and adapt the built environment to keep people safe from and mitigate current and future natural hazards
- Goal 8: Encourage the expansion of clean energy policies to promote improved air quality.
- Goal 9: Improve or maintain water quality in the context climate change and extreme rain events to maintain tourism, recreation and fishing.
- Goal 10: Preserve the diversity and abundance of Tampa Bay's fish and wildlife.
- Goal 11: Improve the ability of bay habitats to adapt to a changing climate.

Section 4: Scorecard





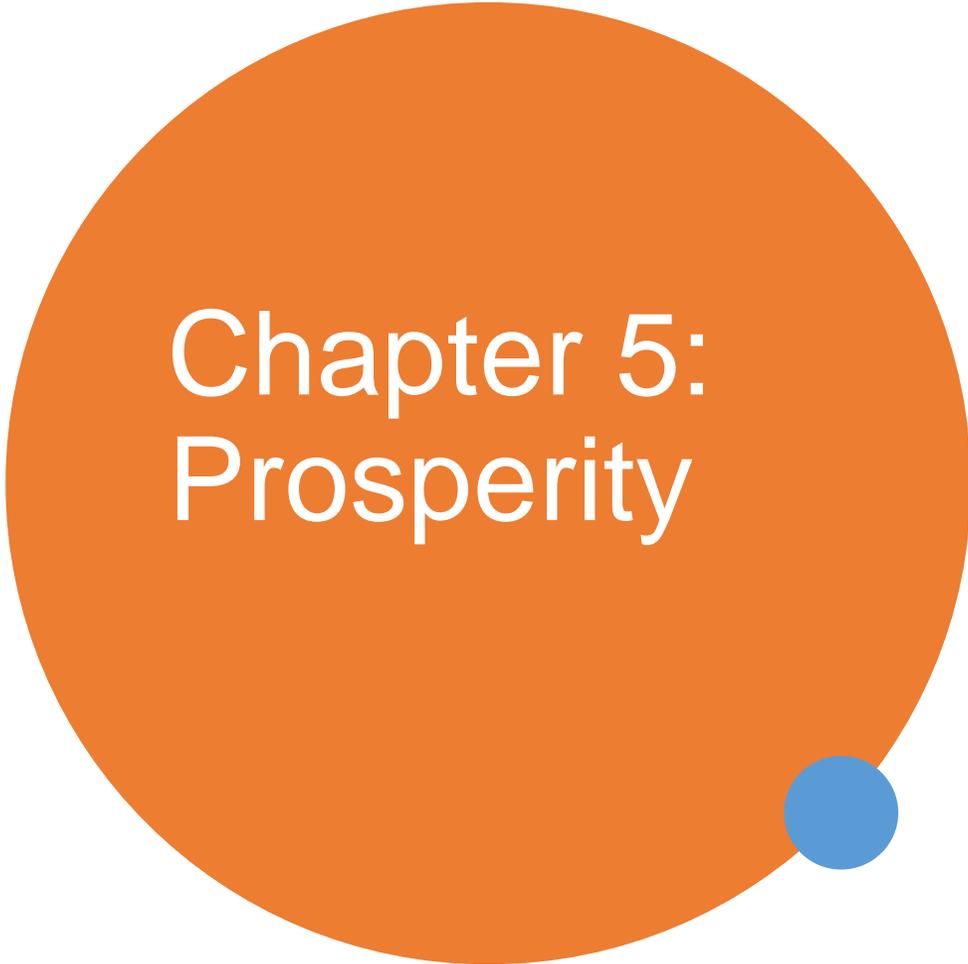
I. Introduction

**II. Section 1: Defining
“Prosperity”**

**III. Section 2: Impacts of
Climate Change on
“Prosperity”**

IV. Section 3: Planning

V. Section 4: Scorecard



Chapter 5: Prosperity

Chapter 5, Section 1: Prosperity

Introduction

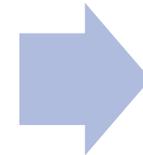
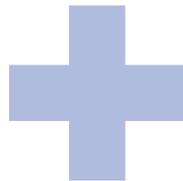
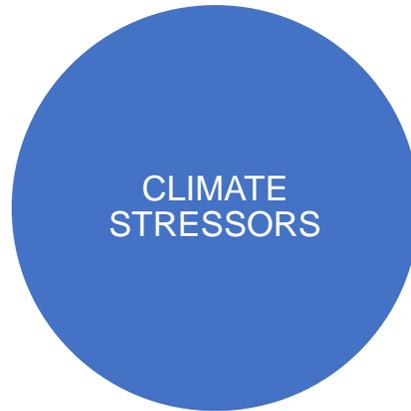
Enhance the resilience of the regional economy to natural disasters and climate stressors through increased awareness of risks, costs and benefits of preparation among businesses.

Vision: Resilient Economy

- *Potential risks to current leading sectors such as tourism, cultural and historic preservation*
- *Opportunities for services and technologies to support resilient adaptation, Clean Energy and Resilient Redevelopment*



Chapter 5, Section 2: Prosperity



Chapter 5: Prosperity

Section 3: Planning

Goal 1: Improve the business post-disaster recovery capacity, with specific focus on local small businesses, disadvantaged businesses, and businesses within distressed and redeveloping communities.

- Action: Prepare vulnerability assessments for flood scenarios, storm events and define potential impacts to property owners. Engage Chambers and business leaders to review and develop recommendations and strategies for specific areas and sectors.
- Action: Educate businesses on risks, continuity and recovery plans and to support plan implementation in the event of natural or man-made disasters.

Goal 2: Promote the sustainable use of natural resources (especially water resources, habitats), green infrastructure and green building design, and ensure that economic development activities are consistent with environmental management goals.

- Action: Conduct climate vulnerability and economic impact studies to assess how projected changes to habitats may impact local tourism destinations, hospitality businesses, recreation businesses, and local economies and workforce.
- Action: Develop partnerships and programs to encourage businesses to implement best practices regarding green infrastructure and natural environment restoration to support resilience (see Place goal #?)

Goal3: Support integration of resilience planning for cultural and historic assets.

- Action: Conduct VA to define potential risks, vulnerability to cultural and historic assets and develop plans to mitigate economic impacts to local businesses.
- Action Maintain informational programs, update data and prepare studies to update future information

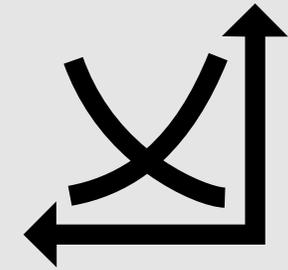
Goal 4: Create strategic recruitment and incubator plans to support key business sectors which will growth due to demand for resilience mitigation and sustainability improvements.

- Action: Collaborate with X to develop a report of emerging opportunities.

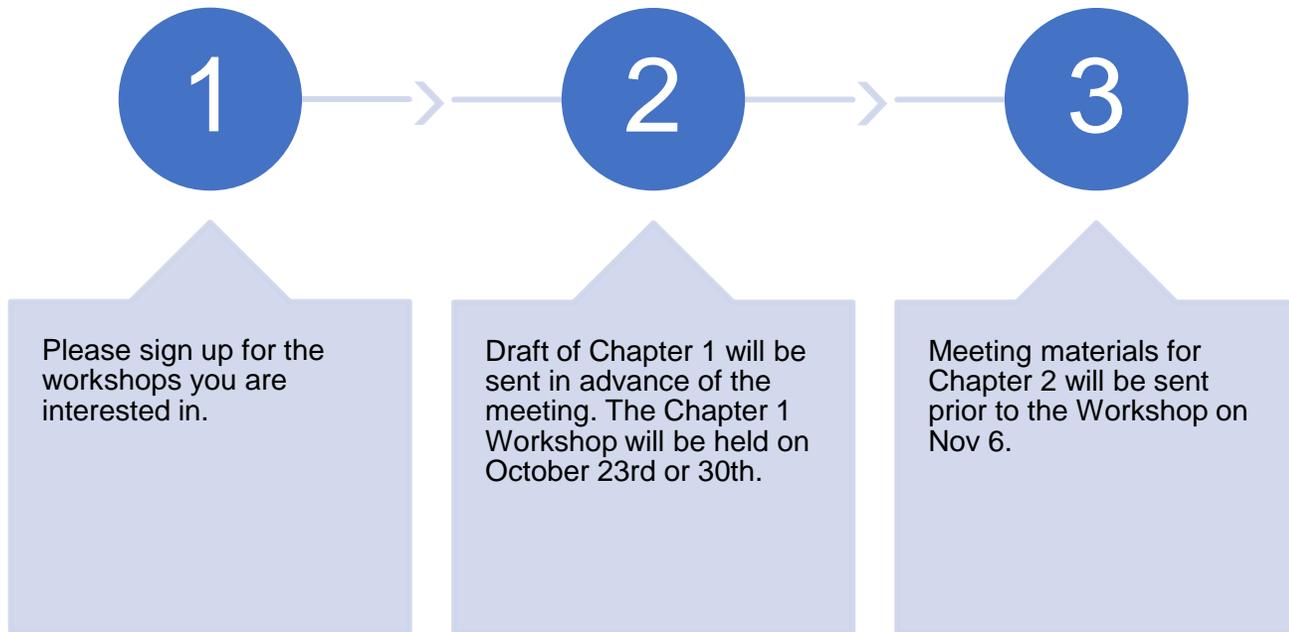
Goal 5: Integrate resilience and economic development planning to consider vulnerabilities and new strategies for Community Redevelopment Areas

Goal 6: Promote a regional perspective on multi-modal transportation system for people, goods, and services that includes transit, highway, seaport, airport, rail, broadband, and multi-use trail planning and development.

Section 4: Scorecard



Next Steps



- We will send a follow up email for partners to register for Chapter workshops.
- Meeting Materials will be sent prior to the workshop date.
- Please forward to interested colleagues.