Resilient Connecticut

Project Overview
May 22, 2019
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Project Specialist

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Observations

Grant McCordell
Modeling

Todd Fake
Modeling

Molly James
Observations

Amin Illia
Modeling
Resilient Connecticut

- Establish resilient communities through smart planning.
- Incorporate economic development framed around resilient transit-oriented development.
- Incorporate conservation strategies, and critical infrastructure improvements.
Regional Scale Analysis

CSOs:
- Active Outfall
- Abandoned Outfall

Sewer Separation Status:
- Combined
- Partially Separated
- Separated
- Ongoing Partial Separation

Systems

Spatial Scales

Temporal Scales
Resilient Connecticut - Project Phases

Oct 2018 – May 2022

Phase 1: Develop Resilience Planning Framework
- Coordinate with State Agencies (SAFR) and stakeholders
- Review existing local, state, and relevant national and international resilience and adaptation planning efforts
- Draft Resilience Framework

Phase 2: Conduct Resilience Planning in New Haven and Fairfield Counties
- Regional resilience planning incorporating the Resilience Framework
- Municipal resilience planning activities incorporating the Resilience Framework
- Regional engagement; coordination across plans and initial synthesis

Phase 3: Synthesize, prioritize and develop implementation plans
- Site plan development
- Synthesis report and Resilience Roadmap
- Funding site plan projects
Phase 1: Develop Resilience Planning Framework

- Bring together the stakeholders;
  - State Agency Workgroup and Resilient Connecticut Framework Advisory Committee
- Assess the current planning efforts in the state; and
- Build a resilience framework for planning efforts going forward
CDBG-DR Projects

Grantee: West Haven
Lat: 41.27
Long: -72.93
Project Name: Community Coastal Resilience Plan & Wastewater Treatment Facility Outfall Feasibility Study
Funding Amount: $277,999.70
Tranche: Tranche Two
Project Type: Resilience or adaptation planning
Report Link: More info

Zoom to
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<th>New Haven County</th>
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<th>Plan of Conservation and Development</th>
<th>Municipal Natural Hazard Mitigation Plan</th>
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Overview
Phase 2: Conduct Resilience Planning in New Haven and Fairfield counties

- Regional
- Municipal
- Regional engagement, coordination across plans and initial synthesis
Phase 3: Synthesize, prioritize and develop implementation plans

- Site plan development
- Funding site plan projects
- Resilience Roadmap Recommendations
Resilient Connecticut Planning Framework

- Inform scope and deliverables of Phase II Regional Plans
- Inform process for identifying site scale projects in Phase III
- Inform focus areas for CIRCA research and capacity building
- Guide RFP process for Phases II and III
SAFR – State Agency Workgroup

- Meets monthly to advise CIRCA project team
- State Agencies Fostering Resilience

Review of existing resilience planning efforts

- Review of existing planning efforts and projects
- Flood Risk Assessment

Resilient Connecticut Framework Advisory Process

- Technical Advisory Interviews
- Spring 2019 Workshop
- Working Groups
- Public Engagement
RESILIENT CONNECTICUT—Project Timeline

PLANNING
- **Phase 1: Draft Framework Plan**
  - Website
  - Draft Framework Plan
- **Phase 2: Resilience Planning**
  - Annual Summit
  - RFP Bid Process
  - Regional/Municipal Project
- **Phase 3: Synthesize, Summarize and Develop Implementation Plans**
  - Annual Summit
  - Site Scale Projects
  - Summary
  - Synthesis
  - Roadmap

HUD NDR
- Webinars
- Training sessions
- Advisory meetings
- Workshops

SCIENCE
- **Phase 1: Flood Risk Assessment**
  - Start Date 10-2018
  - Flood Risk Assessment
  - GIS Mapping Tool/viewer
  - Field Research
- **Phase 2: Data Portal**
  - Data Portal/Map Service
  - Field Research
- **Phase 3: Synthesize, Summarize and Develop Implementation Plans**
  - Field Research

2018 2019 2020 2021 2022
resilientconnecticut.uconn.edu
Engagement & Outreach

Advisory Groups
Groups will include a State Agency Workgroup, a Resilience Framework Advisory Committee, and Technical Advisors as needed throughout the project.

Events
Events will be hosted regularly throughout the project and include workshops, annual summits, Innovative Design Trainings, Engineering for Coastal Resilience Trainings, and a monthly webinars between events.

Website
This new Resilient CT website will have content targeted primarily to technical audiences (engineers, COGs, town and state agency staff) and will contain background on the project, engagement opportunities, references/resources, and planning tools.

Social Media
CIRCA will use their existing Resilience Roundup Newsletter, CIRCA Announcements, and Twitter accounts.