

FORERUNNER

Regional Floodplain and CRS Management: Facilitating Impactful Collaboration

May 8, 2024

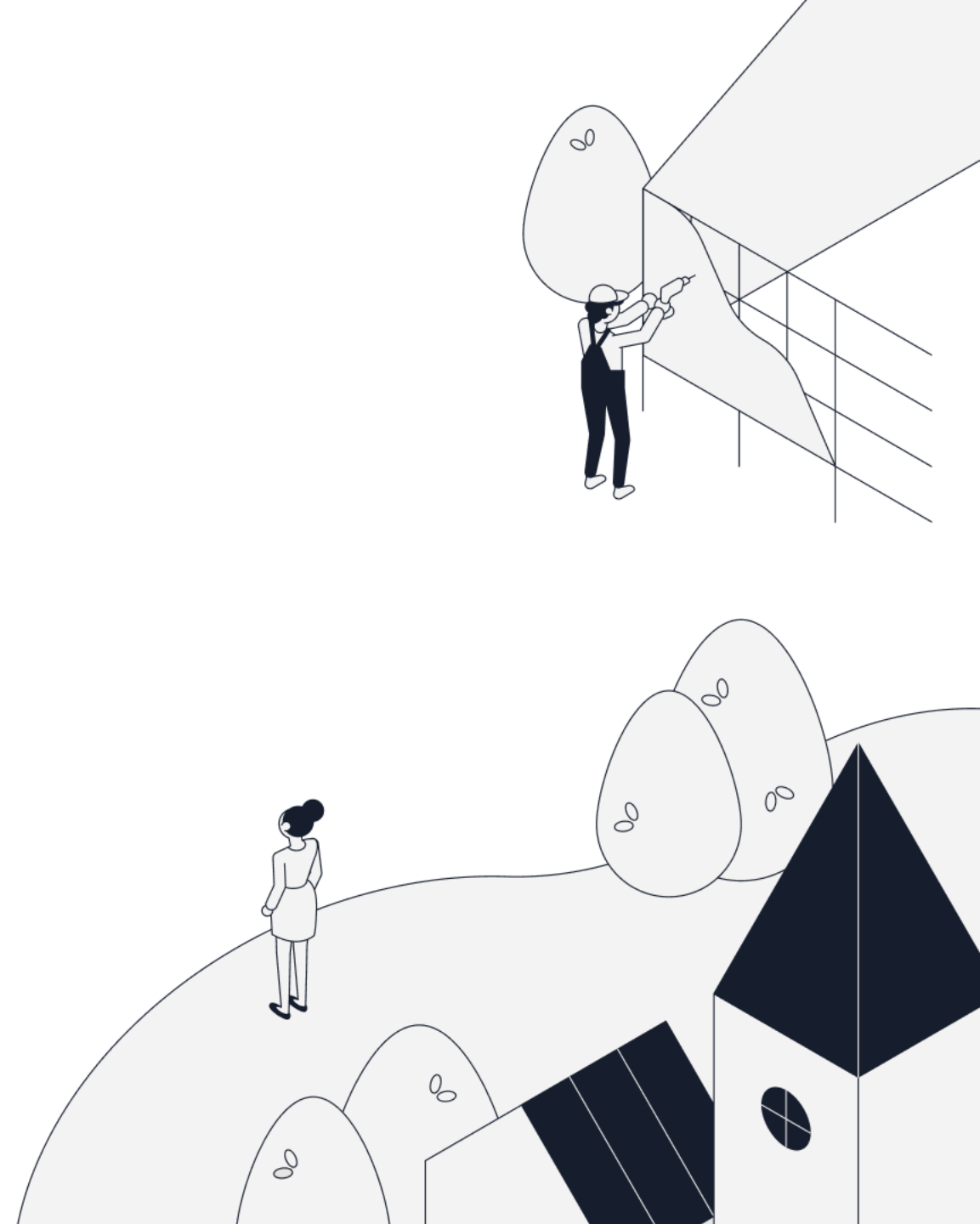
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WELCOME

Housekeeping

- The presentation and recording will be shared via email and posted on our blog
- Use the Q+A or the Chat to ask questions
- CFMs: Complete the post-attendance survey to receive your CEC. The CEC Certificate will be sent via email to you (and the list will be sent to ASFPM) next week
- This presentation is not an endorsement of Forerunner



Agenda

- 1 **Introduction**
- 2 Regional Floodplain and CRS
Management: Facilitating Impactful
Collaboration
- 3 Q+A

GOV. PARTNERS

We work with over
90 of the most at-risk
communities throughout
the U.S.



FDEM
Florida



Coral Gables
Florida



Pasco County
Florida



Clearwater
Florida



Jefferson Parish
Louisiana



Aventura
Florida



Miramar
Florida



Pompano Beach
Florida



Middletown
New Jersey



Manasquan
New Jersey



Belmar
New Jersey



Long Branch
New Jersey



Bay Head
New Jersey



Longport
New Jersey




Parkland
Florida





Harris County
Texas


PRODUCT


Our geospatial dashboard drives per-property insight.

















Parcel ID: 0351050100090

141 Solano Prado, Coral Gables, FL 33156

Share public profile

SI/SD Tracking

Overview

Activity

SI/SD

Documents

Logs

Warnings

Edit

Lowest Floor does not conform to local regulatory standards

Machinery does not conform to NFIP requirements

Machinery does not conform to local regulatory standards

Flood insurance requirement

Flood Zone changes

Flood info

Effective FIRM

Flood zone

In Floodway

In CBRS

BFE

Design Flood Elevation

Datum

AE

No

No

12.0'

13.0'

NGVD29

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Shannon Hulst

Deputy Director and
Floodplain Specialist
Cape Cod Cooperative
Extension and Woods Hole
Oceanographic Institution
Sea Grant

Overview

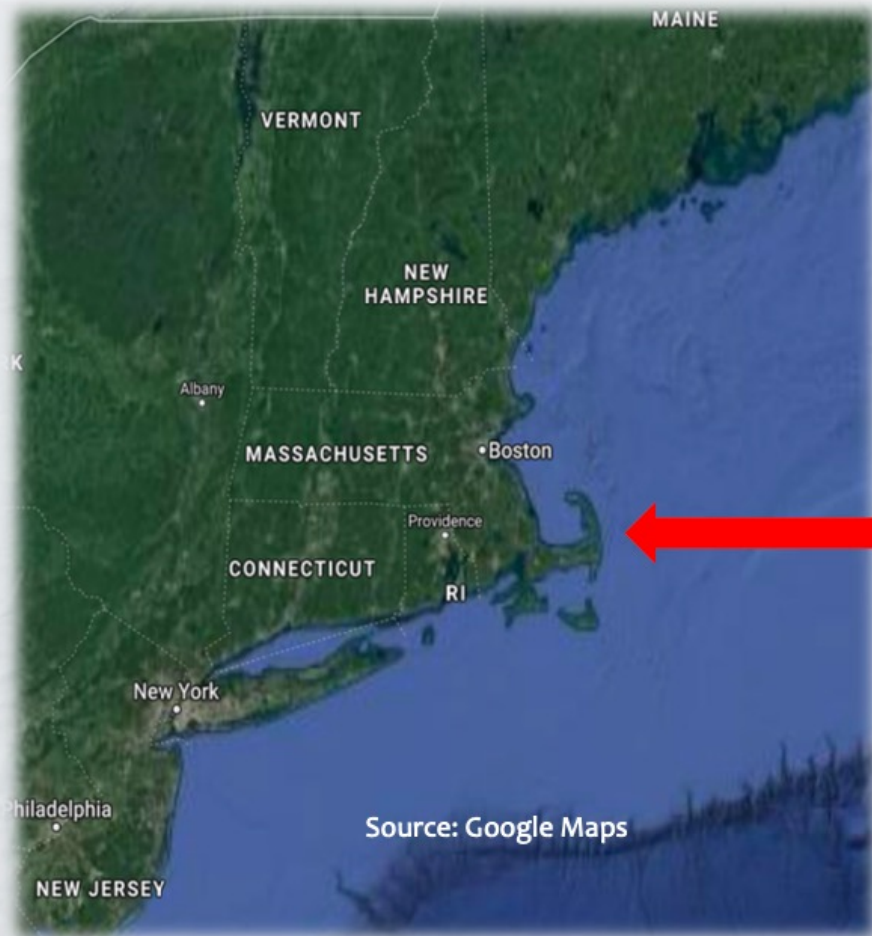
- Explanation of position
- CRS regional management
- Regional floodplain assistance
- Collaboration with state and federal authorities



CRS & Floodplain Coordinator



Cape Cod, MA



Program: CRS & Floodplain Coordinator

- Joint position with Woods Hole Oceanographic Institution Sea Grant and Barnstable County's Cape Cod Cooperative Extension
- Mission
 - Get all interested towns into CRS; improve ratings as much as possible
 - Assist with floodplain management & NFIP regs
 - Improve flood resiliency overall
- Items of note:
 - 2019 CRS Award for Excellence
 - 2017 James Lee Witt Local Award for Excellence in Floodplain Management from ASFPM
 - NFIP reauthorization bill
 - Coastal Resilience Specialist

Regional CRS Management



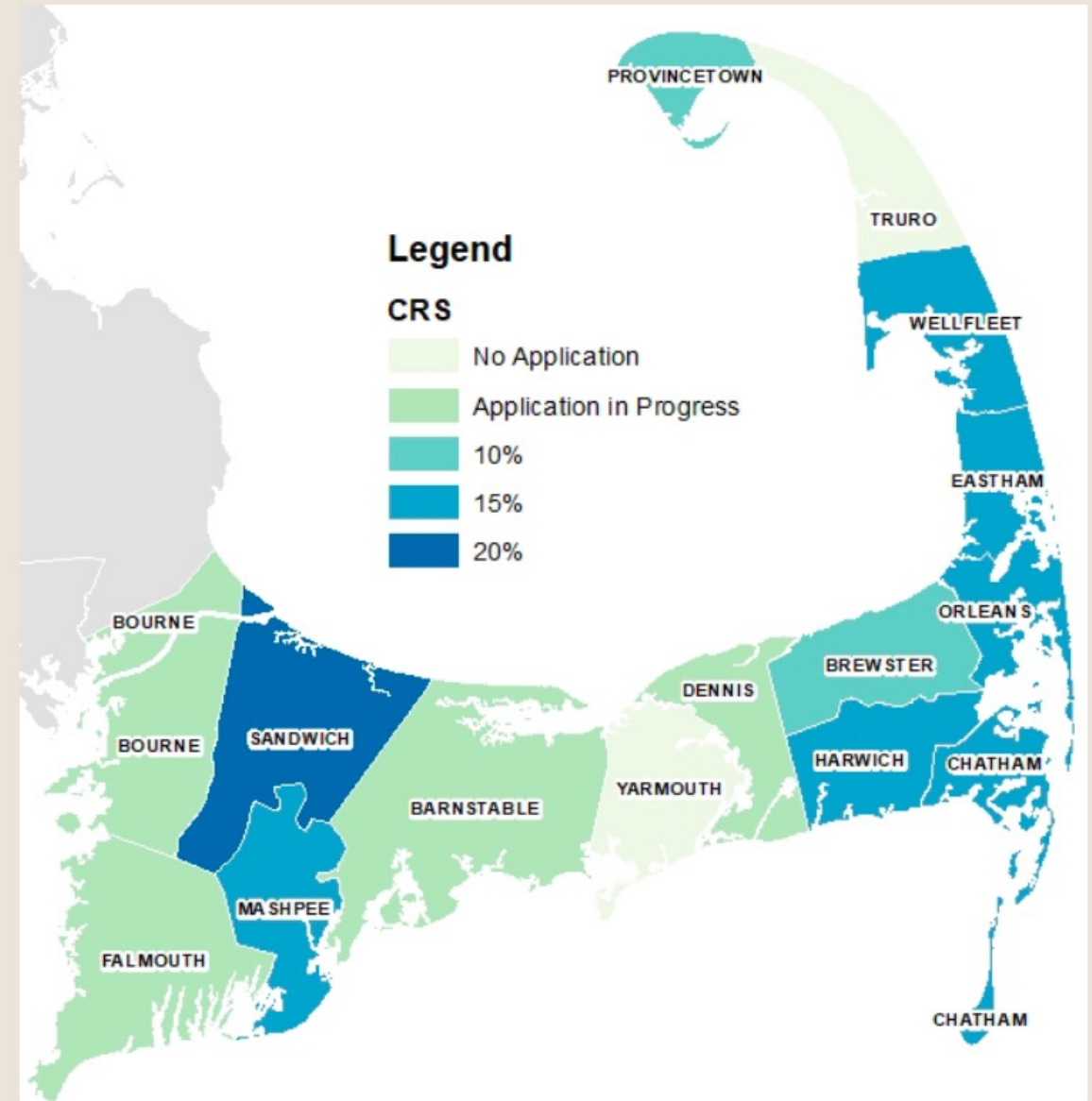


The Community Rating System (CRS)

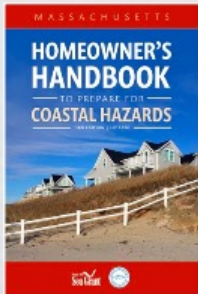
- National Flood Insurance Program discount opportunity
- Flood insurance discounts in exchange for actions that reduce flood risk
- Improves flood resilience
 - Incentive for resilience
 - Improves building code enforcement & awareness
 - Open space preservation
 - Public education
 - Ideas for advanced floodplain management

Status

- 9 CRS towns
 - 5 new
 - Class 8: 2
 - Class 7: 5
 - Class 6: 1
- 4 applications in progress
- Nearly \$500,000 annual savings (note: RR2.0 has made this a guessing game)
- Nearly 4,000 policyholders



Basic CRS Technical Assistance



- Ongoing project management
 - Support for community CRS Coordinator
 - Reduce workload on community
 - Assist with staff transitions
 - Maximize credit with each Cycle Visit
- Annual recertification
- Application / 5-Year Cycle
- Regional contact for FEMA/ISO
- CRS User Group/trainings

Streamlining Resource Use

- GIS
- Templates
- Outreach projects
- Elevation Certificate reviews
- Repetitive Loss data access
- Documentation from regional entities
- State documentation



Regional CRS Keys to Success



- **Elevation Certificate reviews**
- Centralizing the workload
- Consistent reporting and documentation across communities
- Maximize credit through documentation of existing capabilities
- Use of regional resources
- Basic floodplain management assistance

Regional Floodplain Assistance



Regional FPM



- Review ECs before Certificate of Occupancy
- Technical assistance to Building, Conservation, Planning, community boards
- Technical assistance to local contractors, surveyors, engineers
- Trainings, CFM credits/guidance
- Flood insurance/mitigation questions
- Public outreach
- Partner with Homebuilders and Remodelers Association, Cape Cod and Islands Association of Realtors, local lenders

Regional Flood Resilience Projects

- New type of flood mapping
- Climate change and legal liabilities
- Hazard mitigation and climate planning
- More stringent bylaws
- Flood Area Design Guidelines



Summary: By the Numbers

Barnstable County Floodplain Management Program since 2015

- Technical assistance and outreach events: **1,200**
- People reached: **10,000**
- Certified Floodplain Managers®: **tripled**
- Grant \$ brought into County: **\$750,000**
- \$ saved for residents and businesses on flood insurance: **\$3.2 million**



Regional Floodplain Management

Keys to Success



- Reduce work of town staff
- Local resource for floodplain questions
- Building relationships, respect, and trust with town staff, community leaders
- Engaging with state and federal resources

Coordination with State and Federal Authorities



Collaboration with FEMA and State

- Shared technical assistance
- Identify correct staff to bring to the table
- Understand local circumstances
- Connect local communities to state and federal resources
- Identification of need for trainings



From the State NFIP Coordinator, Joy Duperault

[Cape Cod's regional floodplain management program] has been an incredible partner!

We've worked together on numerous projects,
including:

- 2020 State Model Floodplain Bylaw
- CRS User Group training opportunities & outreach
- Substantial improvement exemption for historic structures
- Substantial damage determination training
- Legal liabilities for local communities
- Various floodplain management trainings
- Partner in proctoring ASFPM CFM exams



Katie Rand, FEMA Region I – Floodplain Management & Insurance Branch

Regional Contact for Massachusetts, Deputy CRS Coordinator for Region I
(2021)

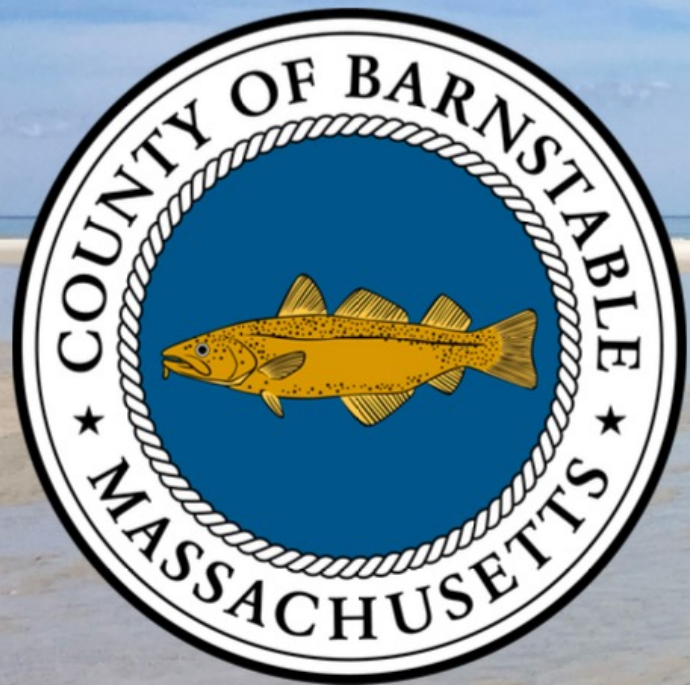
“This program has been a force multiplier for FEMA Region I and the CRS program, increasing acceptance and knowledge of floodplain management, improving compliance, and creating and maintaining exemplary community floodplain management programs. Shannon enables us and our state partners to work with 15 communities through one point of contact.

Shannon knows the communities, the people, and the local bylaws, helping us bridge the gap between local and Federal officials. Our connection with Shannon has **enhanced our relationships with the individual communities on Cape Cod, leading to improved cooperation and compliance.**

Shannon **identifies the knowledge gaps and training needs** of the Cape Cod communities, **providing a personalized level of service that FEMA cannot provide. Setting up the logistics, getting the right people in the room, and collaborating with us on training is incredibly helpful.** We recently collaborated with Shannon and the state on a much-needed session regarding LOMR-Fs and another on substantial damage plans and procedures.”

Stakeholder Feedback

- “Thank you for an excellent workshop yesterday! You’re a clear expert in this field and **it has been great to have you on board as a resource** for Cape communities.” *Town Planner*
- “We would like to thank the County for this assistance because **without it we would have lost our CRS accreditation.**” *Building Commissioner*
- “[This resource] has been a wealth of knowledge and has been **incredibly helpful for our members.**” *Cape Cod and Islands Association of Realtors*



Sea 
Grant

WOODS HOLE
OCEANOGRAPHIC
INSTITUTION

Thank You!

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(508) 375-6952

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Thank you!

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