

21st Century Fire Prevention

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**HOW CAN FIRE PREVENTION SERVICES BE
SUSTAINABLE?**



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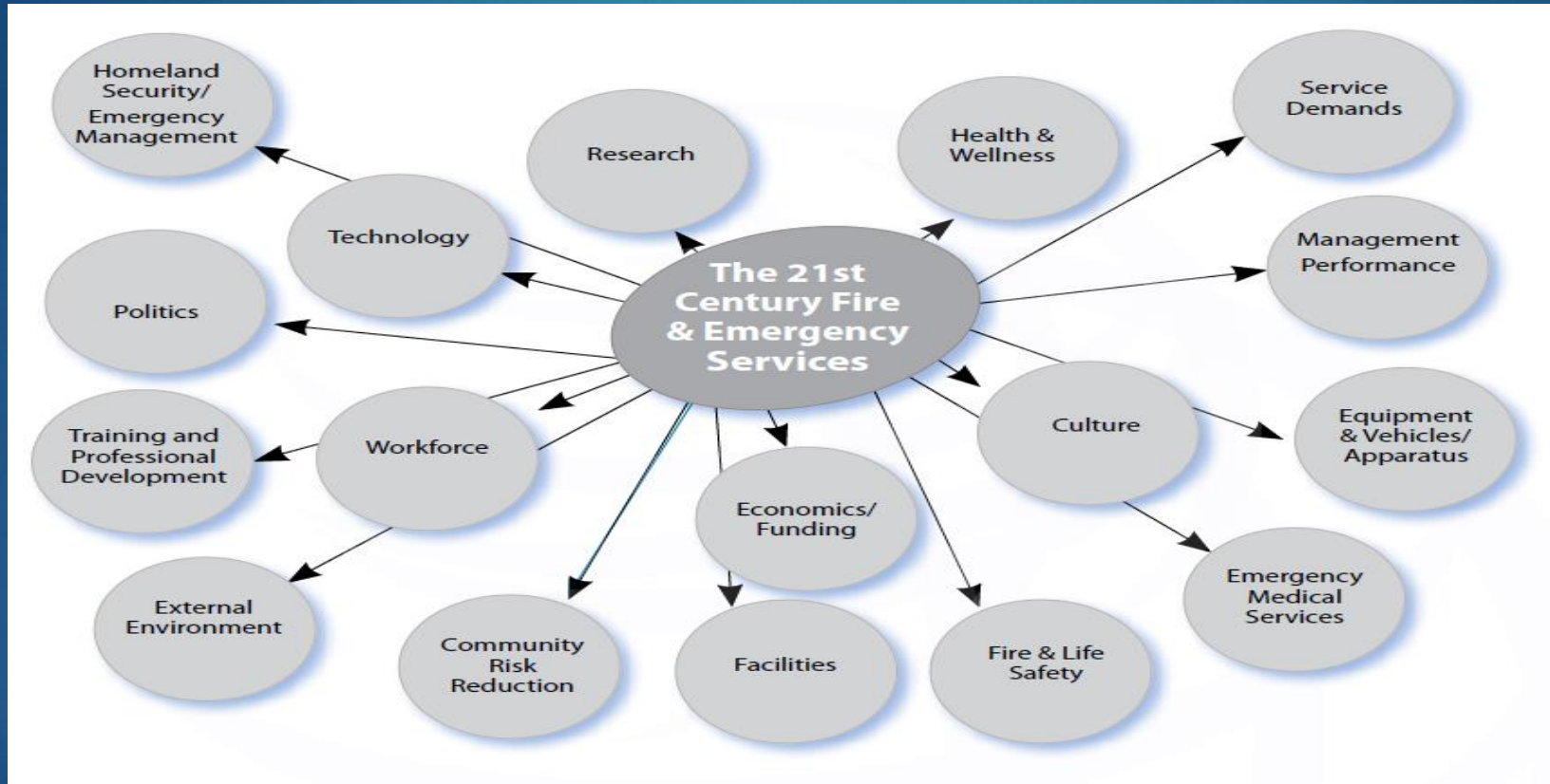
HOW CAN FIRE PREVENTION SERVICES BE SUSTAINABLE?

- *“IN THE 21ST CENTURY FIRE AND EMERGENCY SERVICES ARE DESTINED TO EXPERIENCE MUCH MORE CHANGE THAN THE LAST SEVERAL GENERATIONS. ALONG WITH THIS RAPID CHANGE, THERE ARE SEVERAL CRITICAL GLOBAL ISSUES THAT WILL HAVE LONG-TERM IMPACT NOT ONLY ON THE FIRE AND EMERGENCY SERVICES BUT ON LOCAL GOVERNMENT AS WELL.”*
- *“IF ORGANIZATIONS HOPE TO MAINTAIN THEIR EFFECTIVENESS AND REMAIN SUSTAINABLE IN THE FUTURE, THEY MUST ACT TODAY TO ADDRESS THESE ISSUES AND DEVELOP THE ORGANIZATIONAL BANDWIDTH NEEDED TO RESOLVE THEM.”*



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WHAT DOES THE FUTURE HOLD FOR FIRE PREVENTION SERVICES?



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HOW CAN WE BE SUSTAINABLE?

THREE MOST IMPORTANT WAYS TO FACILITATE A CULTURE OF INNOVATION IN THE FIRE AND EMERGENCY SERVICES

Encouraging greater use of data to assess and use of analytics to solve complex community problems

Ensuring that the services are up to date on the latest professional education, training, and credentialing

Creating a spirit of partnership between the fire and emergency services and local government management



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HOW CAN WE BE SUSTAINABLE?

	IAFF	CPSE	ICMA
1	Increasing awareness and resources dedicated to personnel health and wellness	Identifying and implementing community risk reduction efforts	Researching and implementing alternative service delivery options
2	Increasing professional development opportunities for personnel	Increasing usage of data and data analytics	Identifying new partnership opportunities with neighboring jurisdictions and private and/or nonprofit organizations
3	Researching and implementing time and life-saving technologies	Fostering a culture of innovation in the department and among personnel	Fostering a culture of innovation in the department and among personnel



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What is Community Risk Reduction (CRR)?

CRR is an approach that helps you:

- Identify fire and life safety **risks**
- Prioritize those risks
- Determine how to **prevent or mitigate risks**
- **Focus** your efforts
- Become more of a community player



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Why do we need CRR?

- City and fire budgets declining
- New and emerging hazards present
- Changing community demographics
- High risk residents remain underserved
- Improve Firefighter safety & occupational health



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Characteristics of CRR

- **Proactive**
- **Integrated** – balances emergency response & prevention
- **Community-based** - ideally fire station-based
- **Data driven** – fire/EMS, demographics, housing
- **Involves community partners**
- **Effective** – reduces risk
- **Efficient** - responsive to resource constraints



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RE-IDENTIFICATION

THE SERVICES WE PROVIDED HAVE EVOLVED AND WILL CONTINUE TO EXPERIENCE SIGNIFICANT CHANGES OVER THE NEXT 30 YEARS.

THE GOOD NEWS-FIRE PREVENTION AND EMERGENCY SERVICES ARE WELL POSITIONED TO BE THE HUB OF SERVICE DELIVERY OUTSIDE THE TYPICAL EMERGENCY RESPONSE SYSTEM.



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RE-IDENTIFICATION

WE DO THIS BY IDENTIFYING WHAT THE COMMUNITY WILL NEED AND THEN EMBED THE VALUE OF FIRE PREVENTION WITHIN THE FIRE SERVICE SO THAT IT IS ACCEPTED AND SUPPORTED AS A PRIMARY SERVICE FOR PUBLIC SAFETY.

THIS MAYBE A CULTURE CHANGE!

ESTABLISH A MECHANISM WITHIN THE AGENCY TO MONITOR AND PROMOTE CULTURAL AWARENESS AND SENSITIVITY REFLECTIVE OF THE CULTURE OF THE COMMUNITY SERVED.



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RE-IDENTIFICATION

THE FLATS



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DATA DRIVEN ANALITICS

UTILIZE QUALITY DATA FOR EVIDENCE-BASED DECISION MAKING TO ASSESS AND PRODUCE THE BEST OUTCOMES.



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DATA DRIVEN ANALITICS

IMPLEMENT ADVANCED DATA ANALYTICS TO MAKE INFORMED DECISIONS.

- CULTIVATE A DATA-DRIVEN CULTURE THAT UTILIZES DATA INSIGHTS TO MODIFY STRATEGIES, DEPLOYMENT MODELS, AND PROGRAMS.



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DATA DRIVEN ANALITICS

DEVELOP COMPREHENSIVE RECORDS MANAGEMENT SYSTEMS (RMS) TO COLLECT AND ANALYZE DATA EFFECTIVELY.

- DESIGN SYSTEMS THAT BRING TOGETHER ALL DATA NEEDS IN THE AGENCY INTO AN INTEGRATED PLATFORM, THAT CAN PROVIDE ANALYTICAL EVALUATION FOR THE DATA COLLECTED TOWARD THE OUTCOMES TRYING TO BE ACHIEVED BY THE AGENCY.



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PARNERSHIPS

ACKNOWLEDGE THE NEED TO WORK WITH A WIDE RANGE OF PARTNERS TO SERVE THE COMMUNITY AND DEVELOP LOCAL STRATEGIES TO CREATE NEW APPROACHES TO PROVIDING SERVICES MORE EFFECTIVELY.



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Involve Community Partners in all Steps

Potential Community Partners

PUBLIC HEALTH

SENIOR SERVICES

POLICE

NEIGHBORHOOD ASSOCIATIONS

COMMUNITY ADVOCATES

CERT ORGANIZERS

SOCIAL SERVICES

FAITH-BASED ORGANIZATIONS

LOCAL BUSINESSES

UTILITY COMPANIES



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SUSTAINABILITY

ADOPT AND IMPLEMENT A COMMUNITY RISK REDUCTION STRATEGY

- EMBRACE A COMPREHENSIVE STRATEGY TO MINIMIZE INCIDENTS AND, IF AN INCIDENT DOES OCCUR, TO MINIMIZE THE IMPACT ON THE PEOPLE, THE COMMUNITY, AND THE EMERGENCY RESPONDER.

WHAT ARE SOME COMMON RISKS IN YOUR AREA?



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NEXT STEPS

<https://www.youtube.com/watch?v=nApOVdlaZRE>



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WHAT IS THE NEXT STEP:

YOU!



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“Any person who is at all conversant with fire safety knows that at least 85% of [fires] could be prevented. It is the duty of the Fire Chief to assume leadership... he must be *up and doing* and prevent fires from starting, if he is to be successful in reducing the loss.”

*Chief W. D. Brosnan of Albany, Georgia,
First Annual Meeting, Southeastern Association of Fire Chiefs*

1928



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THANK YOU

