

IS YOUR COMMUNITY READY FOR A DISASTER?

LEANN HACKMAN-CARTY &
NATALIE GIBSON

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OVERVIEW

KEY POINTS

- About Disasters
- Alberta Floods & Fires
- Common Challenges & Solutions
- Resources
- Q & A

ABOUT LEANN



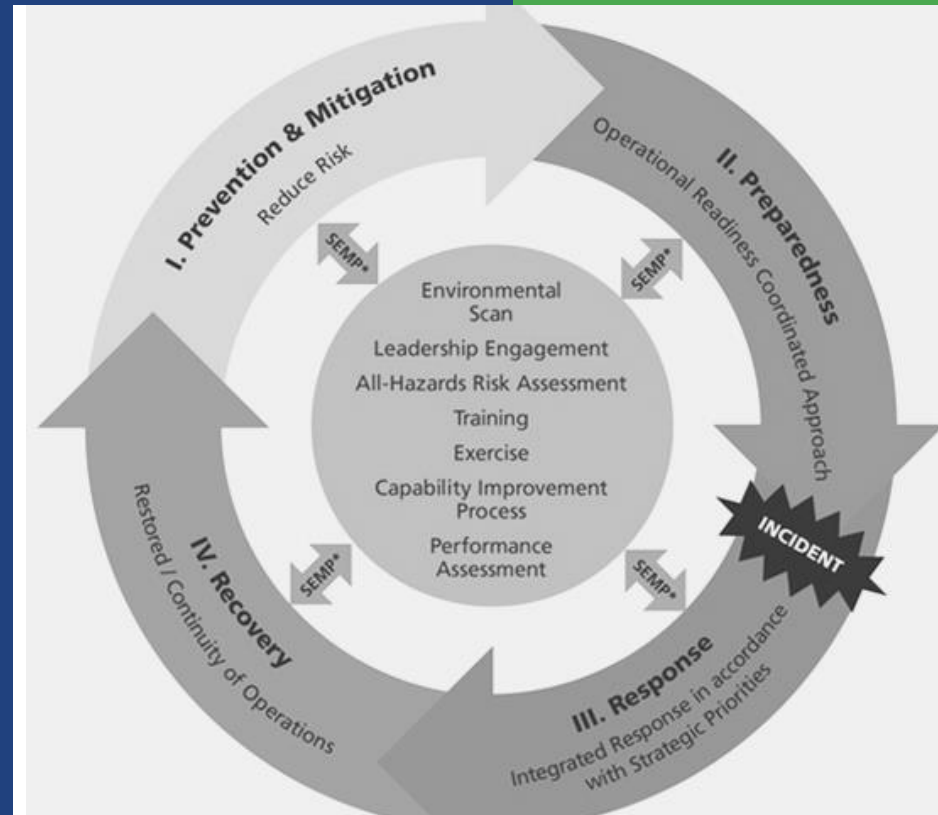
ABOUT NATALIE

INNOVISIONS
— & ASSOCIATES —



DISASTER MANAGEMENT CYCLE

THE PROCESS



TYPES OF CANADIAN DISASTERS

WHAT TO PREPARE FOR

Location	Type	Year	Insurable Loss
Fort McMurray	Wildfires	2016	\$4,000,000,000
Eastern Canada	Ice Storms	1998	\$2,300,000,000
Southern Alberta	Floods	2013	\$1,800,000,000
Alberta	Hailstorm	2020	\$1,200,000,000
Toronto	Floods	2013	\$1,000,000,000
Ontario-Quebec	Derecho/Windstorm	2022	\$875,000,000
Toronto	Floods	2005	\$780,000,000
Ontario	Windstorm	2018	\$695,000,000
British Columbia	Floods	2021	\$675,000,000
Atlantic Canada	Hurricane Fiona	2022	\$660,000,000

Source: Insurance Bureau of Canada

**as measured by insurance payouts, adjusted for inflation in 2021*

CASE STUDY: SOUTHERN ALBERTA FLOODS





THE INCIDENT

S U M M A R Y

- Heavy rainfall, triggers catastrophic flooding
- Worst in Alberta's history
- 32 states of local emergency declared
- 28 Emergency Operations Centres activated
- Calgary's downtown flooded
- Over 100,000 people displaced
- 2200 Canadian Forces troops deployed (plus RCMP and Alberta Sheriffs)
- Estimated total damage \$1.7B

THE RESPONSE

ECONOMIC DEVELOPERS ALBERTA



ECONOMIC DISASTER RECOVERY PROJECT
FLOODS . 2013

- Crowsnest Pass
- Waterton Lakes
- High River
- Vulcan County
- Bragg Creek
- Cochrane
- Canmore
- Sundre
- Black Diamond
- Turner Valley
- First Nation/
Community Futures

THE RESPONSE

ECONOMIC DEVELOPERS ALBERTA



ECONOMIC DISASTER RECOVERY PROJECT
FLOODS . 2013

- Technical Teams
- Site Visits
- 11 Community Reports
- Summary Report
- Community Toolkit
- Disaster Resilience Course

CASE STUDY: FORT MCMURRAY

BUSINESS RESPONSE & RECOVERY





THE INCIDENT

S U M M A R Y

- Wildfire displaces almost 90,000 residents
- Destroys 1595 structures
- Estimated total damage \$9.9B
- Most costly natural disaster in Canadian history
- Businesses devastated
- What do they need?

THE RESPONSE

ECONOMIC DEVELOPERS ALBERTA



ECONOMIC DISASTER RECOVERY PROJECT
WILDFIRES . 2016

- Business and Economic Recovery Plan
- Wood Buffalo Business Recovery Hotline
- Emergency Grants
- Business Resource Centre
- Technical Team



COMMON CHALLENGES & SOLUTIONS





**RISKS & VULNERABILITIES
YOU DIDN'T KNOW YOU HAD**

ASSESS AND MITIGATE RISK

IDENTIFY RISK TYPE

- Natural
- Manmade
- Technological

RANK YOUR RISKS

- Probability/
Likelihood
- Impact/
Consequences
- Critical Business
Functions

MITIGATE YOUR RISKS

- Risk Action /
Mitigation Plan
- Proper Insurance
coverage

SUPPORTING BUSINESS BEFORE THEY FAIL

Disaster RECOVERY

Businesses on Long Beach Island, NY, closed in advance of Hurricane Sandy's arrival. Many businesses that closed due to the storm will be finding their business interruption insurance won't pay them for lost business



Hurricane Sandy left major devastation in her wake this past October. With loss estimates due to damage and business disruption coming in around \$65.6 billion.



BUSINESS CONTINUITY PLANNING



COMMUNICATION



KEY MESSAGES

MENTAL HEALTH

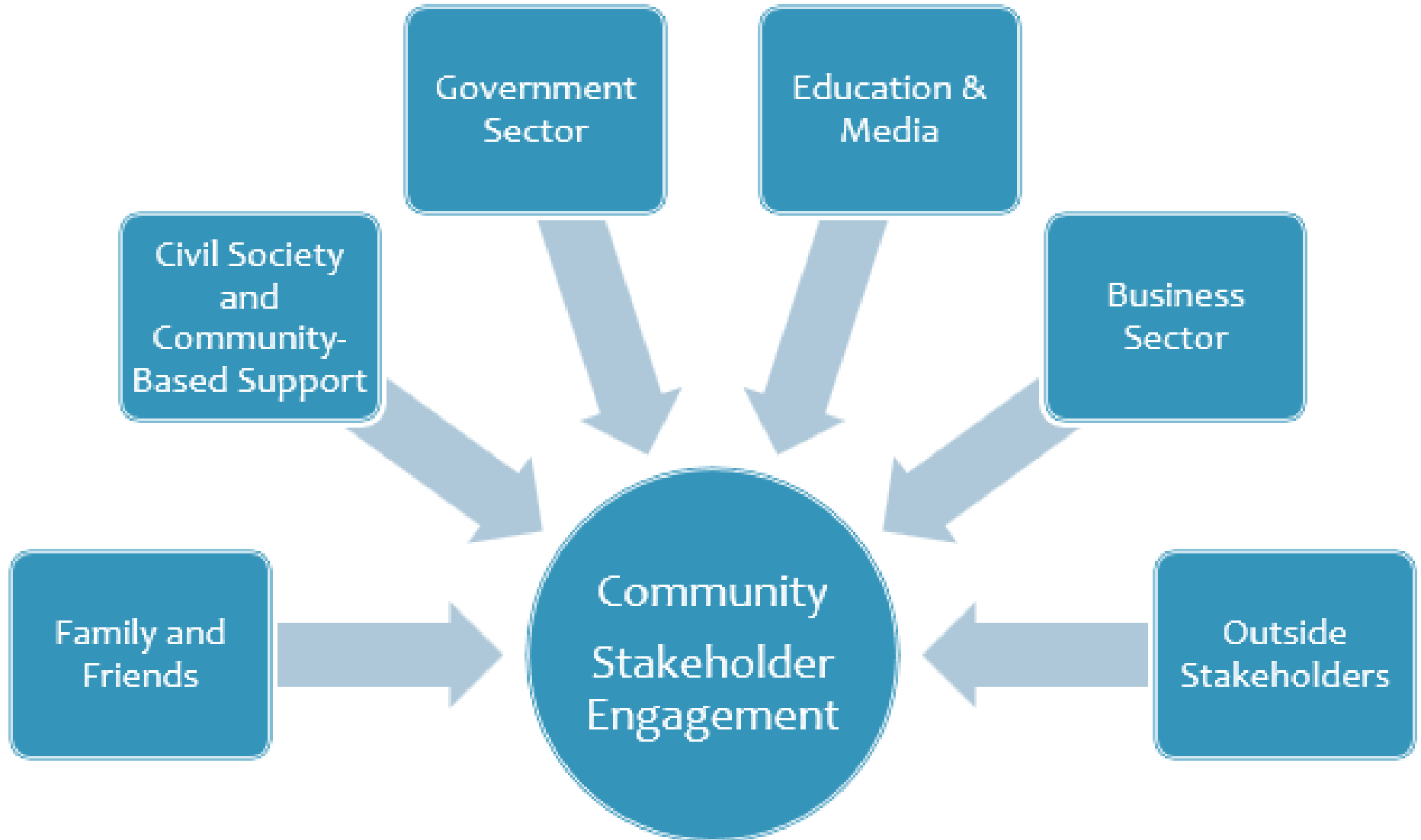


Source: *Disaster Mental Health A Critical Response*, University of Rochester



WHO'S ON FIRST?

WHO IS IN YOUR COMMUNITY?



RESOURCES



COMMUNITY ECONOMIC
RESILIENCE WORKSHOP



COMMUNITY TOOLKIT
(CANADIAN VERSION, 2019)



RESTORE YOUR ECONOMY.ORG
WEB PORTAL

REMEMBER...

IT'S NOT IF A DISASTER WILL HAPPEN,
IT'S WHEN.

MAKE SURE YOU ARE PREPARED.

LIVES AND LIVELIHOODS DEPEND ON IT.



CONTACT

E-MAIL:

leann@edaalberta.ca

natalie@edaalberta.ca

PHONE:

(1(866) 671-8182

WEB:

WWW.EDAALBERTA.CA