



Climate Change

Risk, Reality, Response

Are we being taken by surprise?

SPONSORS





GTIME III

- Introductions

- Peter Kennedy, Senior Vice President and National Director, Real Estate Practice, Aon Risk Solutions, Toronto
- Ron Swail, BA, RPA, FMA, LEED Green Assoc. Assistant Vice-President, Facilities and Services at the University of Toronto St. George campus
- Ted Kent, RPA, SMT, BES, Senior Property Manager at the University of Toronto, Assistant Vice-President, Facilities and Services at the University of Toronto St. George campus
- Rich Coleman, Brookfield Controls – Rich Coleman is the National Director QHSSE & BCP for Brookfield Johnson Controls Canada (BJCC)



GTIME III

- Introductions

- John Stephenson, Vice President, Property Management Services, FirstOnSite Restoration
- Dr. Samuel Kaharabata , Climate Risk Scientist with Tesera Systems
- Tyler Griffin, Manager Office of Emergency Management, City of Toronto
- Geoff Coulson, Meteorologist with Environment Canada
- Todd Bardes, BSc, CBCP, CBRM, FICB, Senior Associate, HZX Business Continuity Planning



GTIME III

- Introductions

- Mark W. Baker, MA, FCIP, CRM, MBCI, CBCP
Business Continuity Consultant,
BCPRiskManagement
- Ann Wyganowski, MBCP, MBCI, Vice President,
and Chief Practitioner, HZX Consulting

Thanks to our Sponsors We couldn't have done it without you

Gold



Silver



BCPRiskManagement





Fire up the Voting Machines!

- Thanks to IBM
 - Instructions on Voting Machines

A city skyline at night with a cracked stone path in the foreground. The city lights are visible in the background, and the path is made of large, irregular stones.

Fire up the Voting Machines!

- Question
- Note you have one machine per table
 - Will the Raptors Make the Playoffs
 - A – Yes
 - B – No
 - C- Maybe
 - D – Who are the Raptors? I'm a soccer fan



Exercise SUNKEN TREASURE 2014

- Exercise will be now until 1345 (1:45 Pm)
- Real Time vs Exercise Time
 - Real Time, time it is now
 - Exercise Time, time it is in the exercise
 - Will be jumping forward in time
- Relaxed Realism, where you are is where the effect is...No dodging
- ON TO THE EXERCISE!!



Exercise SUNKEN TREASURE 2014 – Inject #1

Situation

Geoff Coulson – Meteorologist with
Environment Canada – Overall Situation

Real Time: 9:10 AM Exercise Time: 1500 Hrs Tuesday July 14, 2015



Exercise SUNKEN TREASURE 2014 – Inject #1

Situation

- Severe storm warning from Environment Canada, potential for 150-200 mm of rain
- This warning has been passed on to the weather channel and the news media in general
- Potential effected area is the GTA



Exercise SUNKEN TREASURE 2014 – Inject #2

Situation

- Basements are flooding
- Power is out
- TTC is out
- Roads Have Sewer Geysers and are flooding

Real Time: 9:30 AM Exercise Time: 1530 Hrs Tuesday July 14, 2015



Exercise SUNKEN TREASURE 2014 – Inject #2

- Ron Swail, Assistant Vice-President, Facilities and Services at the University of Toronto St. George campus – This could happen to you
- Rich Coleman, National Director QHSSE & BCP for Brookfield Johnson Controls Canada (BJCC)– This could happen to you



Exercise SUNKEN TREASURE 2014 – Inject #3

Questions

1. Do you have any mitigation plans that would help in this situation
2. Have you operationalized them
3. Do you evacuate the building(s)?
4. If you evacuate where do you evacuate? Is the evacuation centre out of the rain?
5. How do people get home?
6. Does your organization have an emergency procedure for any of these events
7. How are you going to communicate with the tenants/clients/customers/employees/stakeholders?
 - a) Who are all your stakeholders?
 - b) Do you have crisis communications plans for this?
8. Are you going to use social media?
9. What IT Rooms (data centres) are in the building? Are they in the basement.



Exercise SUNKEN TREASURE 2014 – Inject #3 – IBM Question

Is the evacuation centre/Muster Point out of the rain?

Real Time: 10:00 AM Exercise Time: 1530 Hrs Tuesday July 14, 2015



Exercise SUNKEN TREASURE 2014 – Inject #4

Break and Networking

Real Time: 10:15 AM Exercise Time: 1530 Hrs Tuesday July 14, 2015



Exercise SUNKEN TREASURE 2014 – Inject #5

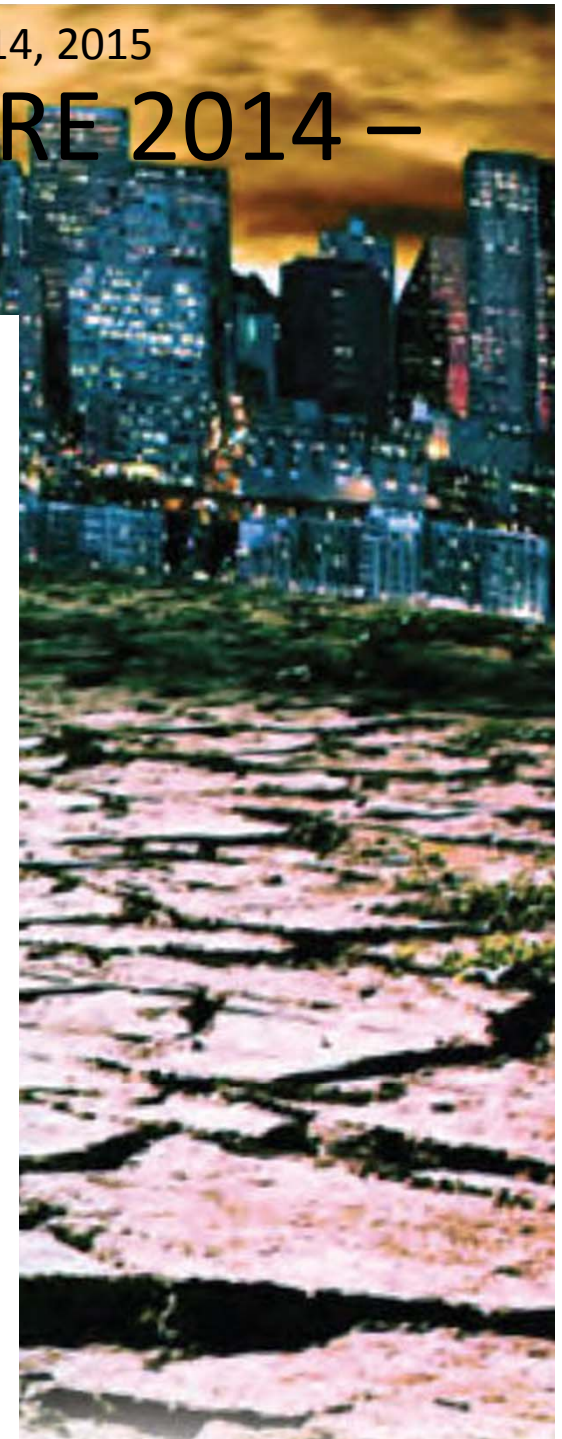
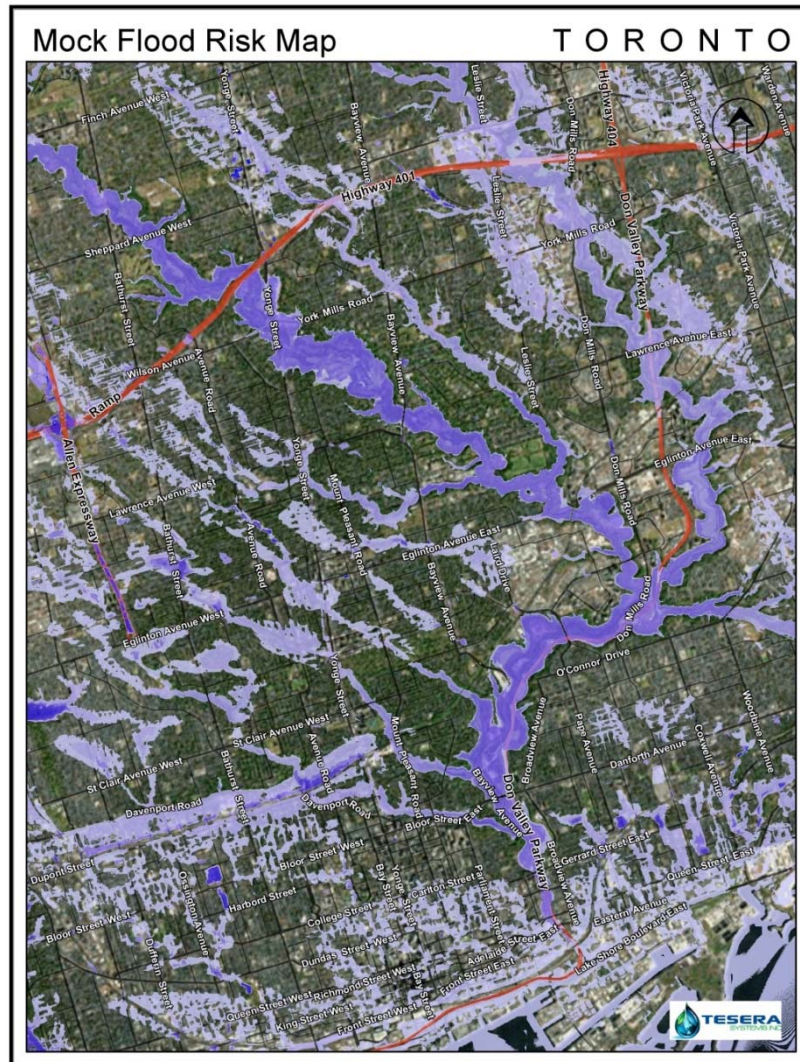
Situation

- Event is moving southward in the city through the sewers, streets and the drainage systems

Real Time: 10:30 – 11:15 AM Exercise Time: 1530 Hrs Tuesday July 14, 2015

Real Time: 10:30 – 11:15 AM Exercise Time: 1530 Hrs Tuesday July 14, 2015

Exercise **SUNKEN TREASURE 2014** – **Inject #5**





Exercise SUNKEN TREASURE 2014 – Inject #5

- Tyler Griffin - City of Toronto – How the city handles this
- Todd Bardes – HZX Consulting – Events in Multiple Locations
- Ted Kent University of Toronto/ John Stephenson: Vice President, Property Management Services, FirstOnSite Restoration

Real Time: 10:30 – 11:15 AM Exercise Time: 1530 Hrs Tuesday July 14, 2015



Exercise **SUNKEN TREASURE 2014** –
Inject #6

Day Change
Wednesday July 15,
2015

Real Time: 11:15 – 11:30 AM Exercise Time: 1400 Hrs Wednesday July 15, 2015



Exercise SUNKEN TREASURE 2014 – Inject #6

- The rain has Stopped, the clean-up begins and we have questions

Real Time: 11:15 – 11:30 AM Exercise Time: 1400 Hrs Wednesday July 15, 2015



Exercise SUNKEN TREASURE 2014 – Inject #6 - Questions

1. Do your plans include damage assessments?
2. Do you have cleanup crews on available?
3. Do you have a 3rd party contractor & specialists (high voltage, UPS, IT-DR) and are they available?
4. How are you going to communicate with the tenants/clients/customers/employees/stakeholders? What messages are you going to consider?
 - a) Are you going to use social media?
5. Are you continuing work at an alternate site? or will you keep everything shut down?
6. Do you think your plan would allow you to continue servicing your stakeholders/customers?

Real Time: 11:15 – 11:30 AM Exercise Time: 1400 Hrs Wednesday July 15, 2015



Exercise SUNKEN TREASURE 2014 – Inject #6 – IBM Question

1. Do you have contractor or people pre-identified for damage repair?

Real Time: 11:15 – 11:30 AM Exercise Time: 1400 Hrs Wednesday July 15, 2015



Exercise SUNKEN TREASURE 2014 – Inject #6 – IBM Question

1. Do you think they would be available under a wide scale event for this?



Exercise SUNKEN TREASURE 2014 –
Inject #7

Day Change

Friday July 17, 2015

Real Time: 11:30 – 12:30 AM Exercise Time: 0900 Hrs Friday July 17, 2015



Exercise SUNKEN TREASURE 2014 – Inject #7

- Power has been restored
- Systems are returning

Real Time: 11:30 – 12:30 AM Exercise Time: 0900 Hrs Friday July 17, 2015



Exercise SUNKEN TREASURE 2014 – Inject #7

- Peter Kennedy, Senior Vice President and National Director, Real Estate Practice, Aon Risk Solutions –The Insurance View
- Dr. Samuel Kaharabata, Climate Risk Scientist with Tesera Systems - Modelling
- Rich Coleman, National Director QHSSE & BCP for Brookfield Johnson Controls Canada (BJCC) – Mitigation
- Tyler Griffin, Manager Office of Emergency Management, City of Toronto – Long Term Effects on the City

Real Time: 11:30 – 12:30 AM Exercise Time: 0900 Hrs Friday July 17, 2015



Exercise SUNKEN TREASURE 2014 –
Inject #8

LUNCH and ROUND TABLE QUESTIONS

(Questions start at 12:45)

Real Time: 12:30 AM -1:15 PM Exercise Time: 0900 Hrs Friday July 17, 2015



Exercise SUNKEN TREASURE 2014 – Inject # 9

- The water has receded, the city is back, your repairs continue, but...

Real Time: 1:15 PM – 1:30 PM Exercise Time: 1300 Hrs Friday July 17, 2015



Exercise SUNKEN TREASURE 2014 – Inject # 9

1. How do you communicate with your employees/customers/stakeholders
2. Do you have a plan to return to your office and bring things BACK to normal?
3. Are your plans connected with your Risk Management/Insurance department?
4. After today are considering more mitigation?

Real Time: 1:15 PM – 1:30 PM Exercise Time: 1300 Hrs Friday July 17, 2015



Exercise SUNKEN TREASURE 2014 – Inject # 9 - IBM Question

Are your plans connected with your Risk
Management/Insurance department?

Real Time: 1:15 PM – 1:30 PM Exercise Time: 1300 Hrs Friday July 17, 2015



Exercise SUNKEN TREASURE 2014
HOT WASH

HOT WASH

Real Time: 1:30 PM – 1:45 PM



Exercise SUNKEN TREASURE 2014 Wine and Cheese

Wine and Cheese

Real Time: 1:45 PM – 3:00 PM