

## Conference:

# Current Resilience Risks & Issues

**Tuesday 2 April 2019 (08.30 / 09.15 – 13.00)**  
**City Chambers**

This Conference is a key event of Edinburgh Community Resilience Week. It will examine the current resilience issues both from a UK and Scotland-wide basis and will bring together a wide variety of specialists from a range of sectors.

The event is targeted towards the resilience, emergency planning, business continuity and civil contingencies sectors. High-calibre speakers have been selected from diverse backgrounds to provide an informative and innovative programme.

Coffee, refreshments and lunch will be provided and there is no charge to attend.

## Programme

- 08.30            Coffee, Registration and Exhibition
- 09.15            **Introduction and Formal Opening of Edinburgh Resilience Week 2019**  
Gavin King, Democracy, Governance & Resilience Senior Manager, City of Edinburgh Council
- 09.30            **Cyber Security**  
Professor Bill Buchanan OBE, Professor of Computing, Napier University
- 10.10            **The Copenhagen Climate Resilient Neighbourhood**  
René Sommer Lindsay, Project Director, City of Copenhagen Climate Adapted Neighbourhood
- 10.50            **Coffee and Exhibition**
- 11.20            **Infrastructure Resilience – Complex Systems and Interdependencies**  
Professor Gordon Masterton, Chair of Future Infrastructure, The University of Edinburgh
- 12.00            **Case Study: Westminster Terror Attack, 22 March 2017, Lasting Impacts**  
Fay Tennet, Depute Director of Security Operations, Houses of Parliament
- 12.50            **Close**  
Jim Galloway, Service Manager, Economic Development: Enterprise, Business & Innovation, City of Edinburgh Council
- 13.00            **Networking Lunch and Exhibition**

## **Resilience Roundtable:**

### **Resilient Projects**

**Tuesday 2 April 2019 (13.45 / 14.00 – 16.45)**  
**City Chambers: Council Chamber**

An important aspect of resilience is the ability to absorb uncertainty and respond to disruption. The ability to maintain operations in the face of uncertainty is clearly crucial. Uncertainty can be due to many causes - weather issues, accidents, technology failures, human error and so on.

But resilience is also important well before operations begin, for example when activities are still at the conceptual stage or during project delivery. Things can go wrong when new investment in infrastructure is being conceived and planned, during the design phase or during construction and commissioning phases. Here the challenges are: at the planning stage to make the right decisions informed by an understanding of the resilience of the wider system; and, during project delivery, to absorb unexpected events and problems whilst staying on schedule and to budget. In this respect, infrastructure projects face same challenges to other projects – but on a much larger scale.

In this roundtable, we will look at least one (and possibility two) case studies that address these issues.

The confirmed case study is on the construction of the Queensferry Crossing that opened in 2017. We will look at the story of the bridge, touching on both its construction and how resilience was designed and built in from an early stage. The cable-stayed bridge form itself lends itself to maintenance where components, notably the cables themselves, can be replaced without bridge closure. Other features include structural real-time monitoring and wind barriers that allow the bridge to remain open in all but the most extreme winds.

There will be opportunities for discussion of the broader lessons for other settings.

#### **Programme**

13.45	Registration
14.00	Introduction: Resilience and uncertainty - Nick Oliver, University of Edinburgh Business School
14.15	Confirmed Case Study: The Queensferry Crossing - John Redpath, Jacobs Engineering Group. Including coffee break.
16.00	Open forum and discussion – broader lessons
16.35	Concluding remarks and close - Gordon Masterton, University of Edinburgh, School of Engineering
16.45	Drinks Reception & networking

## **Training:**

### **Prevent Seminar**

**Wednesday 3 April 2019 (13.00 / 13.15 – 16.00)**  
**City Chambers**

This seminar will present a Case Study on the Manchester Arena attack in 2017 with emphasis on its impact on local communities and the Prevent strategy.

The Scottish Government's Safeguarding and Vulnerabilities Team will provide an overview of Prevent in Scotland, discussing their role and how to access funding for Prevent related work. We will also take a look at the specific challenges for Prevent within the Higher and Further Education Sector.

The seminar will end with a Q&A session with input from Police Scotland.

#### **Programme**

13.00	Registration
13.15	Case Study Manchester Arena Attack
14.15	Break
14.30	Scottish Government Safeguarding and Vulnerability Team Role
15.00	Prevent in Higher and Further Education Sector
15.30	Q&A
16.00	Close

## **Training:**

### **Protect Seminar: CT Awareness / Project Argus**

**Thursday 4 April 2019 (09.15/ 09.30 – 12.15)  
City Chambers**

Keeping our staff, buildings and companies safe from people with malicious intent is key for all organisations. In recognition of this ever-changing threat, Police Scotland will be delivering this workshop to tackle some of the biggest risks.

Project ARGUS is a National Counter Terrorism Security Office (NaCTSO) initiative, exploring ways to aid you in preventing, handling and recovering from a terrorist attack.

It achieves this by taking businesses and organisations through a realistic terrorist attack using a multi-media simulation. A series of questions and challenges are put to delegates, both individually and as a group.

Delegates will work in small syndicate groups with multi-agency representatives and develop responses to the attack.

This event is being delivered by Police Scotland.

#### **Programme**

09.15	Registration
09.30	CT Awareness / Project Argus
11.30	Break
11.45	City of Edinburgh Major Incident Evacuation Plan
12.15	Close