AGENDA
TECHNOLOGY RISK SUPERVISION

JUNE 29 – JULY 1, 2020
THE PROGRAM

PROGRAM DESCRIPTION
A cross-sectorial program on supervisory oversight of information technology and related operational risks.

PROGRAM OBJECTIVES
This program is designed to impart a comprehensive perspective on the origin and drivers of various information technology (IT) risks as well as the identification and assessment of these risks. The training includes review of industry practices on IT Governance to manage and mitigate the IT risks and challenges. More importantly, the training provides a comprehensive understanding of prudential regulatory and supervisory practices that are aligned with international standards.

This is a highly interactive program and through the use of real-life case studies on information security, cybercrime and cyber security, IT outsourcing, business continuity management practices, risks underlying data integrity, emerging fintech risks and attendant risks, it aims to provide participants with a practical approach to enhancing supervisory capacity in the area of technology risk supervision.

WHO SHOULD ATTEND?
The program is designed for middle-to-senior level supervisors engaged in the supervisory oversight of information technology and related operational risks.
MONDAY, JUNE 29

08:30 – 09:00  Live stream: Welcome and Opening Remarks
Representative from the Bank of Zambia (BoZ)
Shelina Visram, Program Director, Toronto Centre (TC)

09:00 – 09:45  Session 1: Video: Overview of Technology Risks
Abhilash Bhachech, Program Leader, Toronto Centre
Background on the significance, origin and impact of technology risks in financial services industries; characteristics of supervisory approaches for assessment of technology risks and international supervisory practices.

09:45 – 10:30  Session 2: Video: IT Governance & Management Part One
Abhilash Bhachech
Overview of IT Governance; its relevance in context of Board and Senior Management roles in oversight of technology risks; and supervisory approaches in assessment of IT Governance practices.

10:30 – 11:00  Session 2: Video: IT Governance & Management Part Two
Abhilash Bhachech
Overview of IT Governance; its relevance in context of Board and Senior Management roles in oversight of technology risks; and supervisory approaches in assessment of IT Governance practices.

11:00 – 11:15  BREAK

11:15 – 12:00  Session 3: Video: Information Security Part One
Judy Mack, Program Leader, Toronto Centre
Broader concepts and coverage of “information” security risks - Availability, Integrity and Confidentiality; and cyber-security threats and vulnerabilities.

12:00 – 12:30  Session 3: Video: Information Security Part Two
Judy Mack, Program Leader, Toronto Centre
Broader concepts and coverage of “information” security risks - Availability, Integrity and Confidentiality; and cyber-security threats and vulnerabilities.

12:30 – 13:30  LUNCH

13:30 – 14:15  Online Group Photo followed by Session 4
Session 4: Live stream: Q&As on Sessions 1 to 3
Abhilash Bhachech and Judy Mack

14:15 – 15:30  Session 5: Live stream: Case Study: Failure of IT Governance (Insurance Co)
Abhilash Bhachech

15:30 – 15:45  BREAK
15:45 – 16:15  **Session 6: Video: Types of Cyber security attacks & steps to avoid them**  
**Part One**  
*Judy Mack*  
Discussion of common cyber attacks, attack vectors and how to counter these threats and vulnerabilities.

16:15 – 16:45  **Session 6: Video: Types of Cyber security attacks & steps to avoid them**  
**Part Two**  
*Judy Mack*  
Discussion of common cyber attacks, attack vectors and how to counter these threats and vulnerabilities.

16:45 – 17:15  **Session 7: Live stream: Group Activity**  
*Judy Mack and Abhilash Bhachech*

17:15 – 17:30  **EVALUATION / END OF DAY**
TUESDAY, JUNE 30

09:00 – 09:45  **Session 8: Video: Cyber Risks: An Assessment Approach Part One**  
*Abhilash Bhachech*  
Outline of a supervisory assessment approach to identify the cyber risks and risk management practices in regulated entities.

09:45 – 10:15  **Session 8: Video: Cyber Risks: An Assessment Approach Part Two**  
*Abhilash Bhachech*  
Outline of a supervisory assessment approach to identify the cyber risks and risk management practices in regulated entities.

10:15 – 10:45  **BREAK**

10:45 – 12:30  **Session 9: Video: Emerging Technology Trends & Risk Exposures**  
*Judy Mack and Abhilash Bhachech*  
Emergence of FinTech and associated technology risks in financial services; focus on selected emerging technology trends, risk exposures and supervisory approaches.

12:30 – 13:30  **LUNCH**

13:30 – 14:15  **Session 10: Live stream: Q&As on Sessions 6 to 9**  
*Abhilash Bhachech and Judy Mack*

*Abhilash Bhachech*

15:30 – 15:45  **BREAK**

15:45 – 17:00  **Session 12: Live stream: Case Study: IT Infrastructure Failure (Natwest/RBS)**  
*Abhilash Bhachech*

17:00 – 17:15  **EVALUATION / END OF DAY**
Wednesday, July 1

09:00–09:45  Session 13: Video: Business Continuity Management & Catastrophic Risks  
*Judy Mack*  
Business continuity management practices and catastrophic risks.

09:45–10:15  Session 14: Video: Overview of RegTech and SupTech Part One  
*Abhilash Bhachech and Judy Mack*  
Evolution of RegTech and SupTech following the spread of FinTech applications; current scope, emerging SupTech practices and challenges.

10:15–10:45  Break

10:45–11:30  Session 14: Video: Overview of RegTech and SupTech Part Two  
*Abhilash Bhachech and Judy Mack*  
Evolution of RegTech and SupTech following the spread of FinTech applications; current scope, emerging SupTech practices and challenges.

11:30–12:15  Session 15: Video: Enhancing Technology Supervision  
*Abhilash Bhachech*  
A wrap-up of lessons learnt in the Technology Risk Supervision program and deploying building blocks for supervision of technology risks.

12:30–13:30  Lunch

13:30–14:15  Session 16: Live stream: Q&As on Sessions 12 to 15  
*Abhilash Bhachech and Judy Mack*

*Judy Mack*  
Business continuity management practices and catastrophic risks.  
Mini Case Study: Megabank & Pandemic.

15:15–15:30  Break

15:30–17:00  Session 18: Live stream: Case Study: Bangladesh Central Bank Heist  
*Abhilash Bhachech/Judy Mack*

17:00–17:30  Evaluation and Closing Ceremony