2024 IEEE R10 AGM Meeting
March 1,2 2024

2024 R10 Ethics & Enterprise Risk Management Committee Plan

Dr Sudeendra Koushik
Ethics & Enterprise Risk Management Committee Chair 2024

Committee Structure

Chair: Sudeendra Koushik
Members: Supported by Prof Lance Fung, members to be recruited

Objectives

1. Build awareness of Risk Management amongst leaders
2. Support R10 Volunteer leaders to identify key risks in their OUs/Sections

Projects / Tasks

Project 1: Enterprise Risk Management training
Project 2: ERM workshop for Section Volunteer Leaders

Budget (Total)

Total Budget (requested) in USD = 3 K USD

Project / Task Measurable

Project 1: Training Module preparation
Project 2: Regional Workshops 4x on ERM

Major Milestones & Timeline

Project 1: Session during AGM (tbc)
Project 2: April to December

IEEE
Advancing Technology for Humanity

Project 1: "Enterprise Risk Management" training

▶ Identify training material to start with

▶ Adapt the training material for R10 focused

▶ Conduct a training for section officers and senior leaders

◈IEEE

Project 2: "ERM workshop for Section Volunteer Leaders"

▶ Multiple regional workshops may be co-hosted around AGM, TENSYMP, TENCON, HTC, etc

▶ How to identify Risks at Section/OU level

▶ Establish and democratize ERM within their ExCom teams

IEEE

Do we have Risks ?

What is a Risk

IEEE definition of 'Risk' includes

- The combination of the probability of an event and its consequences

- The opportunities, uncertainties, threats, and barriers to which IEEE must respond to achieve its objectives
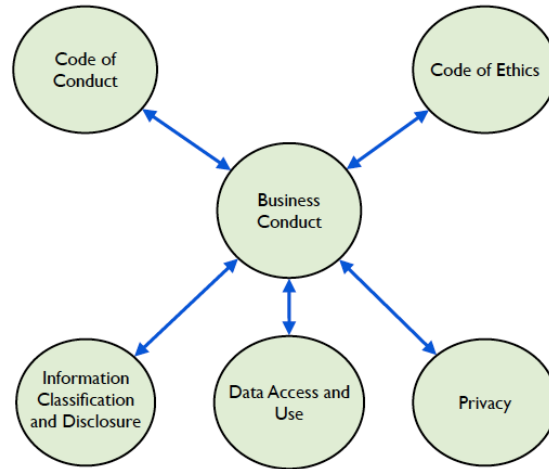
Enterprise Risk Management

Enterprise risk management (ERM) is a framework for 'managing' organizational risk, which means

- Risk and Risk management has a set of principles, processes and procedures

- Helps IEEE achieve its objectives successfully

- Proactively manage anticipated risks, to minimise 'harm' to the value of the IEEE

- ERM depends on the organisation

Enterprise Risk Management connections

Connecting Ethics to Risk

Code of Conduct

Code of Ethics

Business Conduct

Information Classification and Disclosure

Data Access and Use

Privacy

Audit Committee
Awards Board
Election Oversight Committee
Ethics and Member Conduct Committee
Fellow Committee
Finance Committee
Governance Committee
New Initiatives Committee
Nominations and Appointments Committee

IEEE Code of Conduct
IEEE Code of Ethics
IEEE Principles of Business Conduct
IEEE Guide to Information Classification and Disclosure
IEEE Data Access and Use Policy
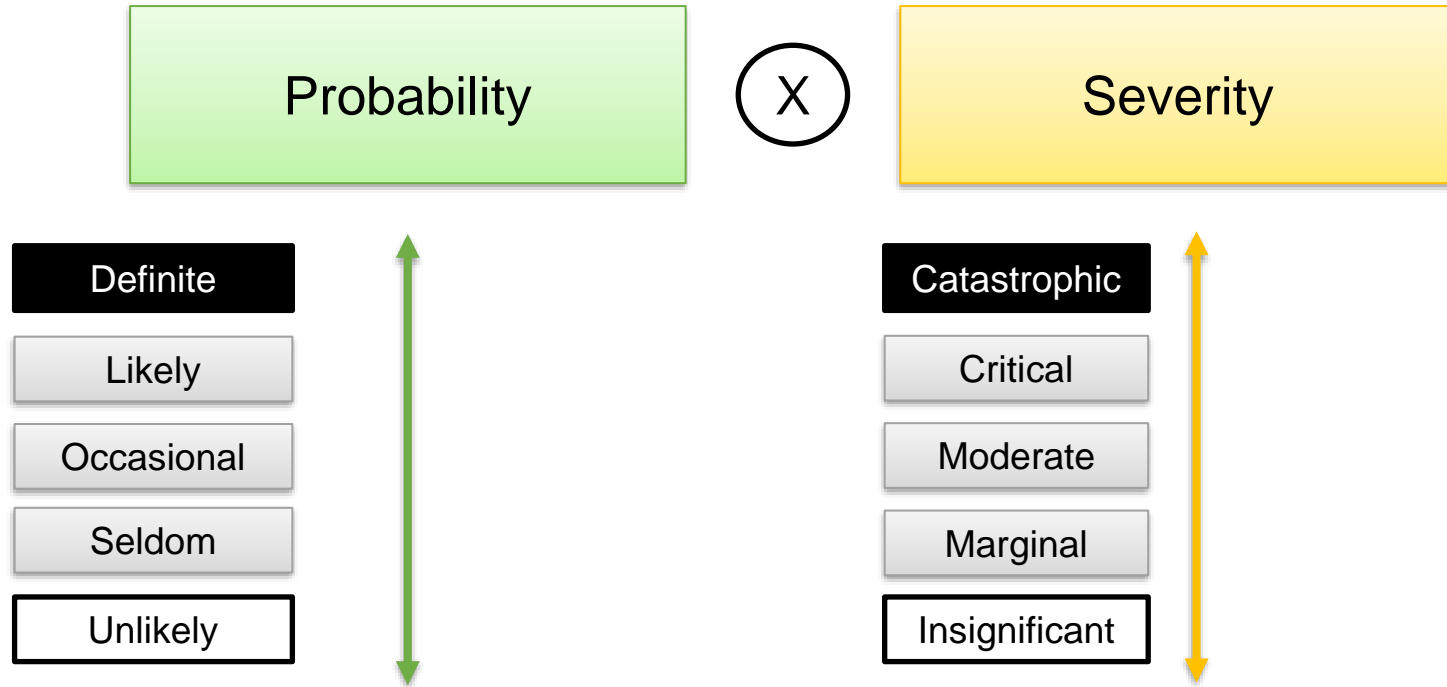**IEEE** Privacy Policy
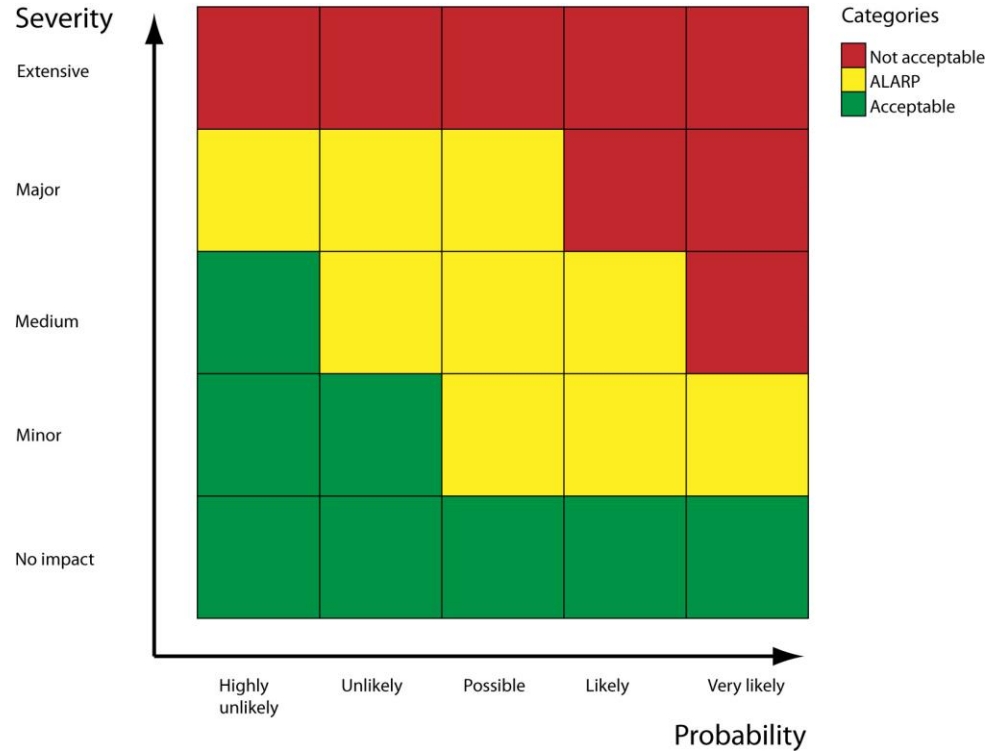
IEEE Risk portfolio

IEEE risk portfolio is captured in 'Risk statements' in four categories;

- Strategic

- Operations

- Financial & Reporting

- Legal & Compliance

Risk attributes

Probability $\times$ Severity

Probability	Severity
Definite	Catastrophic
Likely	Critical
Occasional	Moderate
Seldom	Marginal
Unlikely	Insignificant

Risk Matrix visual representation

Risk Matrix step by step

HEAT MAP	
Mission critical, high-risk impact	████
Significant impact, requires attention	████
Moderate impact, needs attention	████
Least impact, lower priority than top 3	████

How to manage Risks

- **ACCEPT:** Take no action

- **AVOID:** Avoid that activity which creates this risk

- **MITIGATE:** Reduce the risk by taking certain actions

- **TRANSFER:** Take action to share or transfer risk eg. Insurance

John Waltz, Frank M G

Risk & Reward

Acknowledgements

- IEEE Audi Committee Chair, Prof Lance Fung

- IEEE Audit Committee members

- Frank M. Giannattasio, MBA, ARM
  Senior Manager Enterprise Risk & Business Continuity Management Office of Risk & Insurance Management Services

Thank you on behalf of ERM team

2023 R10 Enterprise Risk Management Committee Plan

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