Risk Management

www.incose.org/IW2022

Risk Management

MEMBERS
110+

CO-CHAIRS
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INCOSE CONNECT ADDRESS

https://connect.incose.org/WorkingGroups/RiskManagement/Pages/Home.aspx

INCOSE WEB PAGE

https://www.incose.org/incose-member-resources/working-groups/process/risk-management

Charter Summary

WG PURPOSE/MISSION

The purpose of the INCOSE Risk Management Working Group (RMWG) is to advance knowledge, common understanding, and quality of practice of risk and opportunity management in the systems engineering community worldwide. Our mission is to develop value-added technical products and participative activities which help INCOSE members effectively and efficiently implement risk and opportunity management.

WG GOAL(S)

The goals and initiatives of the RMWG are to:
  A. Provide a forum for INCOSE risk management practitioners to present research and analysis results, discuss problems, and put forth improvement ideas.
  B. Establish and maintain a process for collecting and consolidating input to be used for updating the INCOSE Handbook risk and opportunity management sections
  C. Generate specific work products for consideration as input to the INCOSE Handbook, SEBoK, International Standards, and others.
  D. Develop and maintain a presentation explaining the benefits of risk and opportunity management, which can be used by members for promoting the application of risk and opportunity management practices.

Charter Summary

WG SCOPE

The RMWG scope includes Risk and Opportunity Management process, methods and tools as they relate to Risk Management within the context of Systems Engineering (SE) throughout the life-cycle.

This framing definition excludes Opportunity Management that would apply to business enterprise or service activities pursued outside the context of Risk Management, and Risk and Opportunity Management outside the context of Systems Engineering (SE).

OUTCOMES (PRODUCTS/SERVICES)

Updates to INCOSE SE Handbook risk management content.
Updates to standards, including ISO/IEC/IEEE 16085, and risk management sections of 15288.
Other publications (Risk Management "Primer" proposed).
Presentations on topics related to risk management.

IW Outcomes

2022
Annual **INCOSE**
international workshop
HYBRID EVENT
Torrance, CA, USA
Jan 29 - Feb 1, 2022

IW Outcomes

Promote awareness of the recently published 15288 elaboration standard ISO/IEC/IEEE 16085:2021, *Systems and software engineering - Life cycle processes - Risk management.*
Attend and support INCOSE Systems Engineering Handbook, 5th Edition, meetings.
Connect with other WGs and initiatives to support collaborative efforts (e.g., SE heuristics development and review.
Support the Working Group Showcase and follow up on those showing interest in the Risk Management WG.

PLANNED ACTIVITIES AFTER IW

Update INCOSE SE Handbook, 5th Edition, risk management related content (section 2.3.4.4) addressing feedback from the recently completed global INCOSE review (13 specific comments received).
Lead effort to develop and review SE heuristics related to risk (and opportunity) management.
Identify, and explore interest in, a number of options for writing and publishing a risk management primer or other similar product.
Recruit additional volunteers to help with the Risk Management WG activities.
Schedule and run Risk Management WG meetings with presentations on risk management.

PLANNED WORK PRODUCTS AFTER IW

Updated draft of section 2.3.4.4 (Risk Management Process) of INCOSE SE Handbook, 5th Edition.
A series of presentations on risk management, including one or more presentations on recently released standard ISO/IEC/IEEE 16085:2021, *Systems and software engineering - Life cycle processes - Risk management*.
Set of risk management related heuristics for use in the overall set of published SE Heuristics.