



# 2019

Annual **INCOSE**  
international workshop

**Torrance, CA, USA**

January 26 - 29, 2019

## Risk Mgmt

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[www.incose.org/iw2019](http://www.incose.org/iw2019)

# Risk Mgmt



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**MEMBERS**  
188

## CO-CHAIRS

Jack Stein (jack.stein@me.com)

Bob Parro (bparro@rivernorthsolutions.com)

## 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



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## 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.

## WG SCOPE

Risk (and Opportunity) Management for Systems Engineering.

# IW Outcomes



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## IW Outcomes

The Risk Mgmt WG held a 2 hour open session 1-3pm, Sunday, Jan. 27. This meeting was attended by 10 people. An overview of the WG was provided, and attendees participated in a round-table discussion about wants and needs with respect to risk management in their industry, organization and their work personally. Issues discussed included (a) bias in the application of risk management, and how to reduce it, (b) variation in the practice of risk management depending on the scope and context, e.g., between financial, technical domains, very small (vs large) entities, and how to handle, and (c) differences in how risk management is viewed and performed in different engineering field, e.g., medical devices, cybersecurity, etc. The primary outcome/decision was to schedule and hold webinars throughout the year so that INCOSE members could benefit exchange of knowledge and practices.

# Planned Work past IW



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## PLANNED ACTIVITIES

Webinars.  
Standards support.

## PLANNED WORK PRODUCTS

Webinars.  
ISO/IEC/IEEE 16085 3rd Ed.