



2021
Annual **INCOSE**
international workshop
Virtual Event
January 29 - 31, 2021

System Safety

www.incose.org/IW2021

CHAIRS

Duncan Kemp (UK MOD)
Meaghan O'Neil (Cambridge Consultants)

CO-CHAIR

Russell Kubycheck (Progress Rail)

INCOSE WEB PAGE



<https://connect.incose.org/WorkingGroups/SystemSafety/SitePages/Home.aspx>

INCOSE CONNECT ADDRESS



<https://www.incose.org/incose-member-resources/working-groups/analytic/system-safety>

Charter Summary



2021
Annual **INCOSE**
international workshop
Virtual Event
January 29 - 31, 2021

WG PURPOSE/MISSION

The purpose of the INCOSE System Safety Working Group (SSWG) is to accelerate the maturity of the practice of system safety engineering as part of the wider systems engineering practice.

WG GOAL(S)

To Understand:

- The state of the art and state of the practice in system safety management in different sectors and geographies
- The implications of the changing nature of systems from a safety perspective
- The overall relationship and coupling between different players in the supply chain, including regulators, asset owner operators and product/service suppliers

To identify ways to make the practice more effective, efficient and timely

To build a network

Charter Summary



2021
Annual **INCOSE**
international workshop
Virtual Event
January 29 - 31, 2021

WG SCOPE

This WG will address activities relating to best practices for systems safety engineering throughout the systems lifecycle. Including:

- A whole range of system types ? including products, services, capabilities and systems of systems
- Practice across multiple sectors
- Perspectives from a range of different players in the supply chain

OUTCOMES (PRODUCTS/SERVICES)

To improve the state of the practice of system safety engineering



IW OUTCOMES

Working group leadership meeting held

- Assessed status of current work products
- Evaluated plan for the coming year
- Attended Loss Driven SE Initiate Meeting
- In-reach discussion with other INCOSE participants regarding system safety

PLANNED ACTIVITIES AFTER IW

- Continue to progress the perspectives on system safety work; goal to publish paper with outcomes for IS
- Progress system safety primer with goal to publish in coming year
- Work on series of presentations to engage wider group
- Continue to support updates to INCOSE handbook
- Continue collaboration with Loss Driven SE Initiative
- Continue engagement with UK Royal Academy of Engineering on System Safety for Complex Systems
- Continue engagement with Safety Critical Systems Club and STAMP initiatives

IW Outcomes



2021
Annual **INCOSE**
international workshop
Virtual Event
January 29 - 31, 2021

PLANNED WORK PRODUCTS AFTER IW

- Perspective on System Safety Paper
- System Safety Primer
- Updated System Safety INCOSE Handbook section