Why INCOSE?

- We are the first choice of Systems Engineers for professional development.
- With over 30 years of experience and 18,000 active members, we are shaping the future and advancing systems engineering.
- We interact with Systems Engineers across the globe to solve complex problems and set best practices.

History and Context

The International Council on Systems Engineering (INCOSE) was established in 1990 as the National Council on Systems Engineering with a handful of members across the United States. INCOSE now has over 18,000 committed members, 120 corporate members, 55 working groups, 74 chapters worldwide in 68 countries.

As a complement to domain (electrical, mechanical, software, etc.) or technology expertise, systems engineering provides a body of knowledge, processes and tools that can be used by individuals and organizations to perform and manage their activities more efficiently and cost effective.

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Seattle Metropolitan Chapter (SMC)

The Seattle Metropolitan Chapter (SMC) of the International Council on Systems Engineering (INCOSE) has the mission to advance the state of the art and practice of Systems Engineering in industry, academia, and government by promoting interdisciplinary, scaleable approaches to produce technologically appropriate solutions that meet the needs of the Greater Seattle Area by:

- Providing a regular forum for Systems Engineering (SE) topics and professional networking.
- Fostering the mission and goals of INCOSE, through active support of local science, technology, engineering and mathematics (STEM) events.
- Providing an established, integrated SE training program (including tutorials).
- Facilitating the dissemination and interactive discussion of international, regional, and local information.

Systems Engineering has become increasingly important as a strategic competitive technical advantage in the global marketplace. INCOSE complements other professional societies by providing SE information and processes to engineers, scientists, and managers which facilitates a more effective integration and understanding of their customers needs that translates into innovative, reliable, and valued products.

Benefits to SMC Members

Forum for SE Topics & Networking

SMC holds regular meetings on topics of interest to our members and their guests. Presentations from local, national, and international speakers and panels encourage wide and diverse participation. Collaboration with other professional societies on topics of mutual interest enriches our professional learning environment.

Integrated Training Program, Including Tutorials

SMC has established a tutorial program intended to provide high-level introductions and focus to topics of special interest to the SE community. SMC communicates course work opportunities with additional depth as they become available or through "distance learning" online sources.

Communications to Local, Regional & International Members

SMC maintains communications with its members in several formats: newsletters, email, and a dedicated website. Consequently, members can obtain information via the forum of their choice and contribute in ways most convenient to obtain additional content and pursue discussions with other participants.

INCOSE Western States Regional Conferences

SMC either holds, or collaborates as participant in the regional conference for western states every year.

Systems Engineering Professional Certification

What is Certification?

INCOSE Certification is a formal process whereby a community of knowledgeable, experienced, and skilled representatives of an organization, such as INCOSE, provides confirmation of an individual's competency (demonstrated knowledge, education, and experience) in a specified profession. Certification differs from licensing in that licenses are permissions granted by a government entity for a person to practice within its regulatory boundaries. Certification also from a "certificate" that documents the successful completion of a training or education program.

INCOSE has established a multi-level Professional SEP Certification Program to provide a formal method for recognizing the knowledge and experience of systems engineers, regardless of where they may be in their career.

Benefits to SMC Members

Did you know that as a member of the Seattle Metropolitan Chapter you are eligible for Certified Systems Engineering Professional (CSEP) sponsorship?

Starting Jan 2021, all SMC members are eligible for reimbursement of INCOSE CSEP renewal fees, another good reason to be part of this amazing organization.