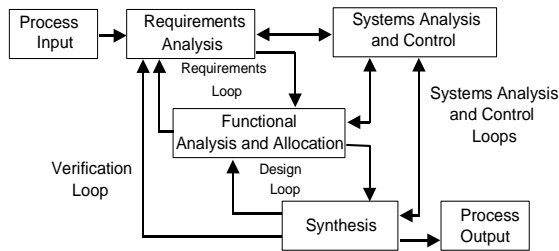


International Council on Systems Engineering (INCOSE)

The Systems Engineering process establishes a proper balance among technical, cost, schedule, and risk by applying top-down iterative, recursive, and concurrent sub-processes of requirements analysis, functional analysis and allocation, synthesis, system analysis and control, and verification. Systems engineering is increasingly important to developing competitive products in today's markets. The basic systems engineering process is shown here:



INCOSE is an international organization formed to develop, nurture, and enhance this systems engineering approach to multi-disciplinary system product development. INCOSE can help you and your company to become a leader by applying the systems approach to solving problems.

Do any of these affect you, your job, or your company?

- Crisis management instead of managing risks (Risk Management)
- Inability to manage a baseline (Configuration Management)
- Failure to meet Customer requirements (Requirements Management)
- Inability to measure process improvements (Capability Maturity Models)
- Difficulty managing key technical parameters (Technical Performance Measurement)

Come to a chapter meeting, learn more about INCOSE, *get involved*, and discover how you can enjoy accelerating your career.

2011 HRA INCOSE Chapter Officers

President:	Kelly Moses kelly.d.moses@nasa.gov
Vice President:	Mike Podolsky podolsky_michael@bah.com
Treasurer:	Mandie Corriveau corriveau_mandie@bah.com
Secretary:	Michele King michele.t.king@nasa.gov
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Technical Committee:	John Clark john.clark@ngc.com

How Do I Join INCOSE?

You can join INCOSE online (www.incose.org), or by contacting a local chapter officer. To join the HRA Chapter, designate HRA as your affiliated Chapter when you join INCOSE.

Turning Complexity into Competitive Advantage through Systems Engineering

Hampton Roads Area

- Educational and professional growth on systems engineering topics
- Fellowship and sharing of systems engineering knowledge
- Systems engineering workshops to supplement government and industry training programs
- Collaboration in systems engineering education and research
- Establishment of professional standards for integrity in the practice of systems engineering
- Supports INCOSE technical committees

WWW.INCOSE.ORG/HRA



2001-2009
Gold and Silver
Chapter Award Winner



About the HRA Chapter

The Hampton Roads Area Chapter of INCOSE seeks to ensure a professional focus for, and to promote, systems engineering in the Hampton Roads by:

- Providing educational and professional growth through regular programs on systems engineering topics.
- Providing a focal point for fellowship and dissemination of systems engineering knowledge.
- Providing focused systems engineering workshops to supplement government and industry training programs.
- Promoting collaboration in systems engineering education and research.
- Supporting establishment of professional standards for integrity in the practice of systems engineering.
- Supporting INCOSE technical committees.
- Supporting Chapter members in their efforts to understand, apply, and represent systems engineering in their specific industry, academic, and/or government positions.

Systems engineering – the engineering of complex systems – is becoming increasingly important as a strategic competitive technical advantage in our global marketplace. HRA INCOSE complements other professional societies by providing information and processes to a wide range of engineers, scientists, and managers that help them more effectively integrate and understand customers' needs, and translate those needs into appropriate valued products.

HRA Chapter Meetings

The Chapter holds regular monthly meetings in a variety of formats, including dinner meetings, seminars, and tutorials. Location will vary depending upon the type of meeting and the number of attendees expected. Generally, dinner meetings include a nominal fee to cover dinner, while the seminars are sponsored and are typically free to attend. Members discuss problems of importance in their work, and learn

what is being done in systems engineering in organizations around the area. Networking opportunities abound.

Benefits to HRA Members

As a Member of INCOSE

Network with approximately 4,000 Systems Engineering Professionals Worldwide

Insight, Quarterly Newsletter

Systems Engineering, the Journal of INCOSE

Contribute through INCOSE Technical Committees

Discounted Fees for Seminars, Tutorials and Certification

Free Downloads of INCOSE Products

Discounted purchases of INCOSE products such as the SE Handbook Tutorial for SE Certification
And more!

Forum for SE Topics & Networking

At the local level, HRA holds regular dinner meetings on topics of interest to our membership. Presentations from local and international speakers, panels, and paper presentations encourage wide and diverse participation from our members. Collaboration with other professional societies on topics of mutual interest has also enriched our professional learning environment.

Focused Tutorials and Seminars

HRA hosts tutorials and seminars each year. These programs allow us to provide affordable systems engineering training for our members. Our seminars are sponsored by companies who, through their sponsorship, allow us to host these events at little or no cost.

Communications to Local, Regional, and International Members

HRA maintains communications with its members in several formats: flyers are distributed, e-mail is sent, and a website is provided. Consequently, interested people obtain information, using the forum of their choice, and contribute in ways most convenient for them for additional focus and discussions with other INCOSE members.

Corporate and Professional Support

Corporate

The following organizations have been particularly supportive of the INCOSE HRA Chapter:

Northrop Grumman, Booz Allen Hamilton, NASA Langley Research Center, Naval Sea Systems Command (NAVSEA) Combat Direction Systems Activity Dam Neck, Futron, Reed Integration, Strategic Thought, George Washington University and Old Dominion University.

Societies

HRA INCOSE, in order to better serve our members and community at large, regularly works in conjunction with our sister societies in various ways every year: Mid Atlantic Regional Chapters of INCOSE, Peninsula Engineering Council, National Society of Black Engineers, American Society for Quality, Society of Naval Architects and Marine Engineers, Institute of Electrical and Electronic Engineers and Project Management Institute, to name a few.

INCOSE On-line

INCOSE maintains a website (www.incose.org), list servers for systems engineering announcements and discussions, working groups, chapter websites, and other information of interest to systems engineers. From the HRA Chapter website, (<http://www.incose.org/hra/>), you can also find information about upcoming meetings, review previous seminars, view archived issues of INCOSE INSIGHT, and other SE information.

