



**2020**

Annual **INCOSE**  
international workshop

**Torrance, CA, USA**

January 25 - 28, 2020

# Social Systems

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[www.incose.org/IW2020](http://www.incose.org/IW2020)

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## CHAIR

Erika Palmer (erika.palmer@ruralis.no)

## MEMBERS

68

## CO-CHAIR

Randy Anway (randy@new-tapestry.com)

## INCOSE CONNECT ADDRESS



<https://connect.incose.org/WorkingGroups/SocialSystems>

## INCOSE WEB PAGE



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# Charter Summary



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## WG PURPOSE/MISSION

Evaluate evolving changes to systems engineering processes and practices and develop measures to integrate social and socio-technical systems understanding at theoretical, applicative and technical levels, in collaboration through outreach initiatives with the social sciences and interested stakeholder groups.

## WG GOAL(S)

1. Regularly assess relationships between systems engineering and social sciences
2. Identify and support communities of practice at the intersections
3. Share common challenges, best practices and productive approaches
4. Enhance understanding of interactions between systems engineering and social systems, and respective drivers of change
5. Develop work products for and monitor changes in systems engineering processes and practices
6. Grow in participation

## WG SCOPE

SocWG seeks to:

- 1) Normalize the linkage of social science and systems engineering
- 2) Apply sociological principles in the integration of teams and communities that are engineering systems
- 3) Improve integration of systems engineering with the social scientific evaluation of social and socio-technical systems

# IW Outcomes



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## IW Outcomes

1. Explored topics/themes that the SocWG could cover
2. Recruited SocWG members
3. Networked individuals working with social systems
4. Engaged with other WGs for collaboration opportunities

# Planned Work past IW



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## PLANNED ACTIVITIES

- Developing material reflective of this emerging area
- Collaboration: Outreach and Inreach
- Developmental activities: Roundtables, panels, conference participation
- Enhance Visibility: Increased awareness in SE community
- Developing Shared Understandings through INCOSE Platforms

## PLANNED WORK PRODUCTS

- Socio-Technical Systems Student Competition
- Systems Engineering - Journal Paper
- Submission in for IS2020
- Papers for IS2021
- Presentation track submissions for IS2020
- SEBoK WIKI
- Website