



# 2019

Annual **INCOSE**  
international workshop

**Torrance, CA, USA**

January 26 - 29, 2019

# Infrastructure

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

# Infrastructure



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## CHAIR

Alain kouassi (alain.kouassi@parsons)

## MEMBERS

83

## CO-CHAIRS

Laura Uden (laura@nsieng.com)

Marcel van de Ven (mtfmvandeven@gmail.com)

## INCOSE CONNECT ADDRESS



<https://connect.incose.org/workinggroups/infrastructure/pages/home.aspx>

## INCOSE WEB PAGE



<https://www.incose.org/incose-member-resources/working-groups/Application/infrastructure>

# Charter Summary



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## WG PURPOSE/MISSION

The Infrastructure Working Group's Charter is to provide a forum for designers, builders, and operators of economic and physical infrastructure systems to advance the application of systems engineering

## WG GOAL(S)

- International Outreach to public and private organizations involved in infrastructure delivery and operations
- SE product development to support the domain

## WG SCOPE

Public and commercial facilities and networks necessary for the economic and physical well being of society (e.g., power generation and distribution, waterways and ports, industrial facilities, telecommunication networks, and transportation)

# IW Outcomes



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## IW Outcomes

- Collaborated with TWG and AWG
- Reviewed and Updated Strategic Plan, including:
  - Vision
  - Plans
  - Collaboration
  - Product development
- Discussed Opportunities for collaboration and merger with other Working Groups
- Discussed strategies to progress the products under development

# Planned Work past IW



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## PLANNED ACTIVITIES

- Communications/Outreach
- Overall Outreach Effort (within INCOSE, government agencies, supplier organizations, and professional organizations)
- Work with Ambassador, Chapter Leaders to increase outreach
- Papers in Insights and ENR
- Collaboration with AWG and TWG
- Webinars
- Joint Papers
- Papers in Insights
- Collaboration with INCOSE for the development of MOU with buildingSMART / BIM / MBSE
- Architectural Engineering Construction (AEC) Spin off

## PLANNED WORK PRODUCTS

- Systems Engineering Leaflets
- Control of Change
- Configuration Management
- MBSE in Infrastructure
- Translation of the 5 completed Leaflets into Dutch, French, German, and Spanish
- MBSE Drawbridge Model (Final Product and Webinar)
- Version 2.0 of the Guide for the Application of Systems Engineering in Large Infrastructure Projects