

Establishing an INCOSE Working Group Dedicated to the Science and Engineering of Governmental Laws

Working Session

facilitated by

John Wood, PhD & David Schrunk, MD

Copyright © 2018 by John Wood and David Schrunk. Permission granted to Science of Laws Institute to publish and use.

Why create a new INCOSE WG?

Expand our geographic reach in order to...

- Advance the science
 - Gain volunteers
 - Create products
- Promote the science
 - Gain ambassadors
- *Other?*

Downsides to creating a new INCOSE WG?

- Facilitation overhead
- May limit focus to primarily systems engineering-related activities and exclude investigative/observational aspects of the Science of Laws
- *Other?*

Working Group Goals

- Continue the expansion of the body of knowledge through technical conferences and peer-reviewed journal
- Develop a quality assurance program for individual laws of government
- Study and author a report on the relationship between Systems of Systems Engineering and engineering a body of laws (e.g., the collection of laws that govern a major city)
- Create a graduate curriculum concentrated on the engineering and design of laws, to include a law design handbook
- Create a graduate curriculum concentrated on the engineering and development of tools and procedures for measuring the effect of laws
- *Other?*

Measures of Success?

- Conference -
- Journal -
- QA -
- SoSE Report -
- Handbook -
- Curricula -

Who can support?

- Working group facilitation
- Work products
 - Conference -
 - Journal -
 - QA -
 - SoSE Report -
 - Handbook -
 - Curricula -

Working Group Application Form

- Purpose
- Goal
- Scope
- Skills and expertise required
- Members, Roles and Responsibilities
- Outcomes (Products/Services)
- Approach
- Measures of Success
- Resource Requirements
- Duration
- Signatures