



Press Release

The International Council on Systems Engineering launches its latest publication 'Systems Engineering Principles'

SAN DIEGO (19 August 2022) – *International Council on Systems Engineering (INCOSE) is pleased to announce the publication of the Systems Engineering Principles. INCOSE is excited to provide a further step in the advancement of the Systems Engineering discipline through the publishing of this first set of principles.*

Systems engineering principles have been percolating in the systems engineering community for 30+ years. Based on the work done these past three decades, INCOSE has produced this first formal set of systems engineering principles peer reviewed by our sister organizations: AIAA, IEEE, and NDIA. These principles are an initial set to help advance the discipline of systems engineering in application of the systems engineering processes, provide an indication of the basis of systems engineering, and spur further systems engineering research.

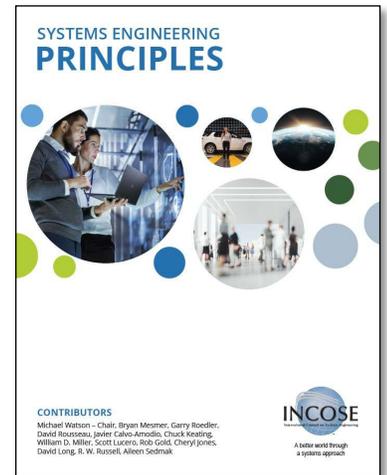
It is hoped and expected that additional principles will be discovered/realized and that changes in the understanding of systems engineering practice or progress in the definition of the basis will lead to further updates of this set of principles.

Michael Watson, Chair of the INCOSE SE Principles Action Team stated, “The documenting of this initial set of systems engineering principles would not have been possible without the dedication of the members of the INCOSE Systems Engineering Principles Action Team who were engaged, responsive, and constructively critical in the review of these principles collected from the previous works. Their insights and inputs were extremely valuable to the production of this publication. “

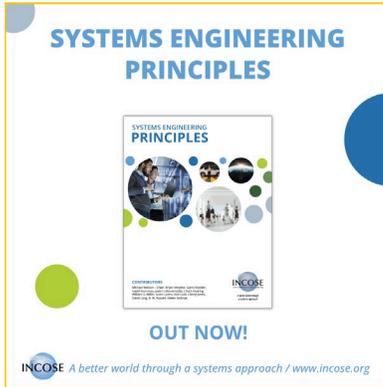
Special thanks also go to the peer review organizations from our sister societies, AIAA, IEEE, and NDIA. Their review and feedback made a tremendous improvement in the publications formatting, application examples, and clarity.

We would also like to thank the INCOSE Contributors, Michael Watson – Chair, Bryan Mesmer, Garry Roedler, David Rousseau, Javier Calvo-Amodio, Chuck Keating, William D. Miller, Scott Lucero, Rob Gold, Cheryl Jones, David Long, R. W. Russell, Aileen Sedmak

You can get your copy at the INCOSE Store (<https://bit.ly/3SSKZji>)



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INCOSE has produced this first formal set of systems engineering principles peer reviewed by INCOSE's sister organizations: AIAA, IEEE, and NDIA. Download your copy here: <https://bit.ly/3SSKZji>

Free for INCOSE Members.

#INCOSE #SystemsEngineering #EngineeringPrinciples

Notes to Editors:

About the International Council on Systems Engineering

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization that promotes international collaboration in systems engineering practice, education, and research. INCOSE's mission is to "address complex societal and technical challenges by enabling, promoting and advancing systems engineering and systems approaches." Founded in 1990, INCOSE has more than 65 chapters and over 20,000 members and associates worldwide. For additional information about INCOSE visit www.incose.org.