

# Development of SEBoK v. 2.4

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This version of the SEBoK was released 19 May 2021. This is a minor release, including including reorganizations of Part 6 and 8 to handle new knowledge areas and topics. In addition, several new articles were added, including, Systems Engineering Heuristics, Diversity, Equity, and Inclusion, Systems Engineering and Geospatial/Geodetic Engineering Knowledge Area, System Hardware Assurance, Socio-technical Systems, Verification and Validation of Systems in Which AI is a Key Element, and an introductory article on Artificial Intelligence. The content on Systems of Systems (SoS) was also updated.

## **BKCASE Governing Board**

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The three SEBoK steward organizations - the International Council on Systems Engineering (INCOSE), the Institute of Electrical and Electronics Engineers Systems Council (IEEE-SYSC), and the Systems Engineering Research Center (SERC) provide the funding and resources needed to sustain and evolve the SEBoK and make it available as a free and open resource to all. The stewards appoint the BKCASE Governing Board to be their primary agents to oversee and guide the SEBoK and its companion BKCASE product, GRCSE.

The BKCASE Governing Board includes:

- **The International Council on Systems Engineering (INCOSE)**
  - Art Pyster (Governing Board Chair), Paul Frenz
- **Systems Engineering Research Center (SERC)**
  - Jon Wade, Cihan Dagli
- **IEEE Systems Council (IEEE-SYSC)**
  - Stephanie White, Bob Rassa

Past INCOSE governors Bill Miller, Kevin Forsberg, David Newbern, David Walden, Courtney Wright, Dave Olwell, Ken Nidiffer, Richard Fairley, Massood Towhidnejad, John Keppler. The governors would also like to acknowledge Andy Chen and Rich Hilliard, IEEE Computer Society, who were instrumental in helping the Governors to work within the IEEE CS structure and who supported the SEBoK transition to the IEEE Systems Council.

The stewards appoint the SEBoK Editor in Chief to manage the SEBoK and oversee the Editorial Board.

## **SEBoK Editorial Board**

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The SEBoK Editorial Board is chaired by the Editor in Chief, who provide the strategic vision for the SEBoK. The EIC is supported by a group of Editors, each of whom are responsible for a specific aspect of the SEBoK. The Editorial Board is supported by the Managing Editor, who handles all day-to-day operations. The EIC, Managing Editor, and Editorial Board are supported by a student, Madeline Haas, whose hard work and dedication are greatly appreciated.

### **SEBoK Editor in Chief**



#### **Robert J. Cloutier**

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Responsible for the appointment of SEBoK Editors and for the strategic direction and overall quality and coherence of the SEBoK.

### **SEBoK Managing Editor**



#### **Nicole Hutchison**

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Responsible for the the day-to-day operations of the SEBoK and supports the Editor in Chief.

Each Editor has his/her area(s) of responsibility, or shared responsibility, highlighted in the table below.

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## **Student Editor**

Madeline Haas, a student at George Mason University, is currently supporting the SEBoK and we gratefully acknowledge her exemplary efforts. Ms. Haas has also taken responsibility for managing the Emerging Research knowledge area of the SEBoK. The EIC and Managing Editor are very proud of the work Madeline has done and look forward to continuing to work with her.

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