

# Development of SEBoK v. 1.5

From SEBoK

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This version of the SEBoK was released 7 December 2015, with an additional micro release on 18 December 2015. This is a minor release of the SEBoK which includes a restructure and extension of the Software Engineering Knowledge Area, two new case studies, as well as a number of corrections of typographical errors and updates of outdated references throughout the SEBoK. The micro release adds specific updates to the Risk Management article.

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## Content and Feature Updates for v. 1.5.1

Version 1.5.1 contains a number updates to the Risk Management article with additions and clarifications of the text in *Risk Identification* and *Opportunity and Opportunity Management* sections, as well as updates to a number of additional references and to the primary reference Risk, Issue, and Opportunity Management Guide for Defense Acquisition Program.

## Content and Feature Updates for v. 1.5

This section provides a summary of changes for SEBoK v1.5. See letter from the editor for a wider discussion of the changes and future plans.

The most significant change to the SEBoK v.1.5 is the restructure and extension of the Software Engineering Knowledge Area in Part 6. This update has been implemented to improve the alignment between the SEBoK and the SWEBoK. The changes includes the addition of two new articles: Software Engineering in the Systems Engineering Life Cycle and Software Engineering Features - Models, Methods, Tools, Standards, and Metrics. The article "Key Points a Systems Engineer Needs to Know about Managing a Software Team" has been merged with the Key Points a Systems Engineer Needs to Know about Software Engineering topic. The articles Systems Engineering and Project Management, The Nature of Software and An Overview of the SWEBoK Guide has also been updated to reflect the changes in the Software Engineering Knowledge Area.

Part 7 has seen the addition of two new case studies. One case study focused on an Adaptive Project Management System, while the other is about a Real-Time Complex Adaptive Scheduler for a London Taxi Service.

A number of detailed changes have been made to fix typographical errors, replace outdated references and expand the content in a number of articles. The editorial board would like to thank

the Systems Engineering community for their helpful comments received through sebokwiki.org.

The citation mechanism "Cite this page" on the SEBoK has now been corrected such that the variables "Date of last revision: " and "Date retrieved" display the correct date.

## SEBoK v. 1.5 Authors

Editors (in bold) and Authors who contributed materials specifically to the v. 1.5 products are listed in Table 1, below.

**Table 1. SEBoK v. 1.5 Authors.** (SEBoK Original)

<b>SEBoK Part</b>	<b>Editors and Authors</b>
Part 6	<b>Alice Squires</b> , <i>Washington State University (USA)</i> , Tom Hilburn, <i>Embry-Riddle (USA)</i> , Paul Phister (USA), Rick Adcock, <i>Cranfield University (UK)</i>
Part 7	<b>Brian Sauser</b> , <i>University of North Texas(USA)</i> , <b>Brian White</b> , <i>CAU&gt;SE(USA)</i>

## SEBoK v. 1.5 Editors

The Editorial Board for v. 1.5 is listed in Tables 2, 3, and 4 below.

### Editorial Board

The SEBoK Editorial Board is chaired by an Editor in Chief, supported by a group of Associate Editors.

**Table 2. SEBoK v. 1.5 Leadership.** (SEBoK Original)

#### **BKCASE Editor in Chief**



**Richard D. Adcock**

*Cranfield University (UK)*

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Responsible for the appointment of SEBoK Editors and for the overall content and coherence of the SEBoK.

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

**Table 3. SEBoK v. 1.5 Associate Editors.** (SEBoK Original)

#### **SEBoK Part 1 SEBoK Introduction**

**Ariela Sofer**

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The Assistant Editors provide general editorial support across all topics. They assist both with content improvement and production issues.

**Table 4. SEBoK v. 1.5 Assistant Editors. (SEBoK Original)****BKCASE Assistant Editors****Claus Ballegaard Nielsen,**

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- This page was last edited on 15 January 2016, at 15:29.

