

Modeling and Simulation Body of Knowledge (MSBOK)

M&S Dictionaries

and Cybernetics and Systems Dictionaries

updated by Dr. Tuncer [Ören](#): 2018-02-03

Analog and Hybrid Computers

[SCS-1975](#) The Society for Computer Simulation – Definitions of Terms for Analog and Hybrid Computers (1 November 1975). *Simulation*, 26:3 (March 1976), 80-86.

Biology

[SB](#) Dictionary: Systems Biology - A Dictionary of Terms used in Modeling and Simulation in Systems Biology -

Control

[CACSD MSS Glossary](#) (Computer Aided Control System Design) Multidisciplinary System Simulation Glossary

Education

[UCF](#) Modeling and Simulation Terminology (Modeling and Simulation for Instructional Design)

Environmental Engineering

[EnEng](#) General Glossary of Terms relating to Modelling and Simulation for Environmental Engineering

Gaming

[GameDeveloper](#) The Game Developer's Dictionary

[Gibbs](#) Dictionary of Gaming, Modelling & Simulation. 1978.

[Pulsipher](#) Glossary for Game Designers

[Sloper](#) FAQ 28: A Glossary of Game Biz terms

General

[ACM SIGSIM Glossary](#) ACM SIGSIM Modeling & Simulation Glossary

[Li, Bo Hu et al.](#) Bo Hu Li, T.I. Ören, Qingping Zhao, Tianyuan Xiao, Zongji Chen, and Guanghong Gong et al. (2012). Modeling and Simulation Dictionary: Chinese-English, English-Chinese (over 9000 terms), Chinese Science Press, Beijing, P.R. of China. (With the contribution of 30 Chinese colleagues – [contributors](#)) ([front cover](#))

Li, Bo Hu et al. 2.nd edition of the Modeling and Simulation Dictionary: Chinese-English, English-Chinese will have about 12 500 English terms. It is aimed to be printed in 2018.

[IEEE](#) IEEE Standard Glossary of Modeling and Simulation Terminology (IEEE 610.3-1989) withdrawn

[MSSG](#) Multidisciplinary System Simulation Glossary

[Ören et al.](#) Ören, T.I. and The French Team: (2006). *Modeling and Simulation Dictionary: English-French-Turkish*. Marseille, France. With the support of Centre Nationale de La Recherche Scientifique, I3, Université Paul Cézanne - Aix-Marseille III, and LSIS (286 pp). ISBN: 2-9524747-0-2.

The French Team: (a group of scientists from LSIS and Versim) Lucile Torres (coordinator), Frédéric Amblard, Jean-Pierre Belaud, Jean Caussanel, Olivier Dalle, Raphaël Duboz, Alain Ferrarini, Claudia Frydman, El-Amine Maâmar Hamri, David Hill, Aziz Naamane, Pierre Siron, Erwan Tranvouez, Gregory Zacharewicz

Currently, there are about 12 500 English terms in the master file. The work continues to finalize English-French, English-Italian, English-Spanish, and English-Turkish dictionaries.

Healthcare

[Healthcare](#) Healthcare Simulation Dictionary. 2016

[SSH](#) Glossary of Terms Abridged from SSH Accreditation Manual

Human Factors

[Lilienthal and Moroney](#) Human Factors in Simulation and training – Appendix B: Glossary of Simulation Terms

Lighting

[LDG](#) Lighting Design and Simulation Terminology

Military

[DoD M&S Glossary](#) DoD M&S Glossary - DoD 5000.59-M

[SEDRIS](#) SEDRIS (Synthetic Environment Data Representation and Interchange Specification) Glossary (2007)

[SISO-fidelity](#) Glossary of Terms Applied to Fidelity

[UK-SEMS](#) UK Ministry of Defence Synthetic Environment & Modelling & Simulation (SEMS) Glossary

[Wikis](#) Glossary of military modeling and simulation: Wikis

Signal Processing

[RASSP VHDL](#) RASSP VHDL Modeling Terminology and Taxonomy (1995)

Training - Flight

[FSTD](#) Definitions and Abbreviations for Flight Simulation Training Devices

Verification and Validation

[Los Alamos](#) Concepts of Model Verification and Validation

[NASA](#) Glossary of Verification and Validation Terms

[NPARC V&V](#) Glossary of Verification and Validation Terms

Cybernetics and Systems

[F. Heylighen](#) Web Dictionary of Cybernetics and Systems
(Principa Cybernetica Web)

[ST](#) Glossary of Systems Theory (Wikipedia)