

SCS Code of Ethics

Preamble

Simulationists are professionals involved in one or more of the following areas:

Modeling and simulation activities.

Providing modeling and simulation products.

Providing modeling and simulation services.

1. Personal Development and Profession

As a simulationist I will:

- 1.1 Acquire and maintain professional competence and attitude.
- 1.2 Treat fairly employees, clients, users, colleagues, and employers.
- 1.3 Encourage and support new entrants to the profession.
- 1.4 Support fellow practitioners and members of other professions who are engaged in modeling and simulation.
- 1.5 Assist colleagues to achieve reliable results.
- 1.6 Promote the reliable and credible use of modeling and simulation.
- 1.7 Promote the modeling and simulation profession; e.g., advance public knowledge and appreciation of modeling and simulation and clarify and counter false or misleading statements.

2. Professional Competence

As a simulationist I will:

- 2.1 Assure product and/or service quality by the use of proper methodologies and technologies.
- 2.2 Seek, utilize, and provide critical professional review.
- 2.3 Recommend and stipulate proper and achievable goals for any project.
- 2.4 Document simulation studies and/or systems comprehensibly and accurately to authorized parties.
- 2.5 Provide full disclosure of system design assumptions and known limitations and problems to authorized parties.
- 2.6 Be explicit and unequivocal about the conditions of applicability of specific models and associated simulation results.
- 2.7 Caution against acceptance of modeling and simulation results when there is insufficient evidence of thorough validation and verification.
- 2.8 Assure thorough and unbiased interpretations and evaluations of the results of modeling and simulation studies.

3. Trustworthiness

As a simulationist I will:

- 3.1 Be honest about any circumstances that might lead to conflict of interest.
- 3.2 Honor contracts, agreements, and assigned responsibilities and accountabilities.
- 3.3 Help develop an organizational environment that is supportive of ethical behavior.
- 3.4 Support studies which will not harm humans (current and future generations) as well as environment.

4. Property Rights and Due Credit

As a simulationist I will:

- 4.1 Give full acknowledgement to the contributions of others.
- 4.2 Give proper credit for intellectual property.
- 4.3 Honor property rights including copyrights and patents.
- 4.4 Honor privacy rights of individuals and organizations as well as confidentiality of the relevant data and knowledge.

5. Compliance with the Code

As a simulationist I will:

- 5.1 Adhere to this code and encourage other simulationists to adhere to it.
- 5.2 Treat violations of this code as inconsistent with being a simulationist.
- 5.3 Seek advice from professional colleagues when faced with an ethical dilemma in modeling and simulation activities.
- 5.4 Advise any professional society which supports this code of desirable updates.