

# Human Factors Issues and the Impact of Technology on Society

Part of the Advances in Human and Social Aspects of Technology Book Series

Heather Christina Lum (Embry-Riddle Aeronautical University, USA)

## Description:

Human factors are the scientific discipline concerned with the understanding of interactions among humans and other elements of a system, and the profession that applies theory, principles, data, and other methods to design to optimize human well-being and overall system performance. Human factor issues and the impact of technology on society is a topic that is only growing, and it is essential that it is considered as technology becomes more present in our daily lives. This not only impacts society now but is something to be considered for the future. It is also incredibly important for those in the human factors profession to consider the impact of technology for their work and for the users they are helping design for. Therefore, this topic has immense impact and is important to study from a research perspective to advance the understanding of how technology works, how we work, and how we as humans work within the context of the technology we use.

**Human Factors Issues and the Impact of Technology on Society** examines the role of technology on society with a specific focus on human factors issues and how they are associated with and related to technology use in society. A few highlighted topics within this book are digital health technologies, learning technologies, ethics in social technology, ICT use in businesses, and sustainability. These topics are only a few of examples of how this book analyzes technology in all different facets of society, making it ideal for a wide audience including human factors practitioners, technologists, sociologists, policy makers, teachers, technology developers and designers, business professionals, ethicists, researchers, academicians, students, and anyone else seeking more information on how technology is impacting society through the viewpoint of human factors.



**ISBN:** 9781799864530

**Pages:** 315

**Copyright:** 2021

**Release Date:** May, 2021

**Hardcover:** \$195.00

**Softcover:** \$150.00

**E-Book:** \$195.00

**Hardcover + E-Book:** \$235.00

## Topics Covered:

Augmented Reality  
Decision Making  
Digital Health Technology  
Digital Transformation  
Educational Technologies

Ethics  
Human Factors Issues  
ICT  
Information Processing  
Social Technology

Technological Impacts  
Technology in the Workplace  
Virtual Reality

**Subject:** Social Sciences and Humanities

**Classification:** Edited Reference

**Readership Level:** Advanced-Academic Level  
(Research Recommended)

**Research Suitable for:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

### Order Information

Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

Online Bookstore: [www.igi-global.com](http://www.igi-global.com)

Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA