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# Human Computer Interaction Handbook: Fundamentals, Evolving Technologies, And Emerging Applications, Third Edition (Human Factors And Ergonomics)



## Synopsis

Winner of a 2013 CHOICE Outstanding Academic Title Award • The third edition of a groundbreaking reference, *The Human-Computer Interaction Handbook: Fundamentals, Evolving Technologies, and Emerging Applications* raises the bar for handbooks in this field. It is the largest, most complete compilation of HCI theories, principles, advances, case studies, and more that exist within a single volume. The book captures the current and emerging sub-disciplines within HCI related to research, development, and practice that continue to advance at an astonishing rate. It features cutting-edge advances to the scientific knowledge base as well as visionary perspectives and developments that fundamentally transform the way in which researchers and practitioners view the discipline. **New and Expanded Topics in the Third Edition:** HCI and global sustainability HCI in health care Social networks and social media Enterprise social computing Role of HCI in e-Government Role of creativity and cognition in HCI Naturalistic approach to evaluation, persuasion, and globalization The chapter authors include experts from academia, industry, and government agencies from across the globe • all among the very best and most respected in their fields. The more than 80 tables, 400 figures, nearly 7,000 references, and four-page color insert combine to provide the single most comprehensive depiction of this field. Broad in scope, the book pays equal attention to the human side, the computer side, and the interaction of the two. This balanced, application-focused design coverage makes the book not only an excellent research guide but also an authoritative handbook for the practice of HCI and for education and training in HCI.

## Book Information

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## Customer Reviews

This is an exceptionally thorough reference on Human Computer Interaction. The quantity of content is mind boggling, and the quality is high. If you are building a user interface and experience, this could function as the single resource for everything you need from a theoretical perspective.

This book not only tells about software, but also about the technology involved with HCI. Very comprehensive.

Fundamental issues of technology, design and user interface. Include information about usability, mental models, gestures, cognition and case studies. Besides, it contains an important section for thinking about the needs of diverse users.

Great reading unfortunately in class we only used this book for a couple of chapters, what a waste of money, but what I read was quite informative.

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