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# Encyclopedia Of Science Technology And Society

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The Oxford Children's Encyclopedia of Science & Technology

Encyclopedia of Science and Technology Communication

Encyclopedia of Computer Science and Technology

Science, Technology, and Society

Technical Innovation in American History: An Encyclopedia of Science and Technology [3 volumes]

Science and Technology Encyclopedia

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Biographical Encyclopedia of Scientists, Second Edition - 2 Volume Set

Science, Technology, and Society

An Encyclopaedia of the History of Technology

Social Issues in Science and Technology

Concise Encyclopedia of Science and Technology of Wine

The Primary Science and Technology Encyclopedia

Van Nostrand's Scientific Encyclopedia, 2 Volume Set

Encyclopedia of the Scientific Revolution

The Encyclopedia of Science and Technology

Science Encyclopedia

The Lives and Achievements of 1195 Great Scientists from Ancient Times to the Present, Chronologically Arranged

*Encyclopedia Of Science Technology  
And Society*

OMB No. 4971653546310 edited by

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## DASHAWN UNDERWOOD

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*Encyclopedia of Water* CRC Press

Now in paperback, The Oxford Children's Encyclopedia of Science and Technology is a major reference book for children of 8 and over, giving a fascinating insight into the secrets of modern

science. Some 135 major entries carefully explain the issues. Each article features colour photos and other illustrations specially selected to expand on the information given in the text. The articles are arranged alphabetically from Acids to X-rays, to allow quick access to information, and the text is completely up to date and has been checked by experts.

The Oxford Children's Encyclopedia of Science & Technology IGI Global

With unprecedented current coverage of the profound changes in the nature and practice of science in sixteenth- and seventeenth-century Europe, this comprehensive reference work addresses the individuals, ideas, and institutions that defined culture in the age when the modern perception of nature, of the universe, and of our place in it is said to have emerged. Covering the historiography of the period, discussions of the Scientific Revolution's impact on its contemporaneous disciplines, and in-depth analyses of the

importance of historical context to major developments in the sciences, The Encyclopedia of the Scientific Revolution is an indispensable resource for students and researchers in the history and philosophy of science.

**Encyclopedia of Science and Technology Communication**  
Wiley

From the invention of eyeglasses to the Internet, this three-volume set examines the pivotal effects that inventions have had on society, providing a fascinating history of technology and innovations in the United States from the earliest colonization by Europeans to the present. • Encourages readers to consider the tremendous potential impact of advances in science and technology and the ramifications of important inventions on the global market, human society, and even the planet as a whole • Supports eras addressed in the National Standards for American history as well as curricular units on inventions, discoveries, and technological advances • Includes primary documents, a chronology, and section openers that help readers contextualize the content

**Encyclopedia of Computer Science and Technology** CRC Press

Up-to-date, concise, and easy to use, the Science and Technology Encyclopedia is a reliable resource for a wide general readership—from high school students to undergraduates to all those with an interest in the comprehensive array of scientific fields it covers. It includes: \*More than 6,500 authoritative A-Z entries covering earth and life sciences (including natural history, physics, chemistry, medicine, information technology, and other disciplines) \*Biographical entries for more than 850 famous scientists, detailing their careers and achievements \*Over 20,000 cross-references \*More than 250 detailed illustrations, including schematic diagrams, representational natural history artwork, and technical cutaway diagrams

**Science, Technology, and Society** ABC-CLIO

Learn about great inventions, space travel, the human body, steam engines, and much, much more.

**Technical Innovation in American History: An Encyclopedia of Science and Technology [3 volumes]** Oxford University Press on Demand

Extensively updated and revised, this outstanding reference remains the definitive scientific resource for both academic and

professional environments Van Nostrand's Scientific Encyclopedia has long enjoyed a reputation as one of the most important comprehensive general scientific references available.

Substantially revised to cover the many developments since the Eight Edition in 1994, this Ninth Edition ranges across all scientific disciplines as well as many areas of engineering and technology.

Topics covered include animal science, anatomy, astronomy, atmospheric science, chemistry, chemical engineering, civil engineering, computer science, earth science, energy sources, information science, life science, materials, mathematics, mechanical engineering, medicine, mining, physics, physiology, planetary science, plant science, power technology, space science, structural engineering, and a host of other subjects.

Existing material has been extensively revised for this new edition, and numerous new articles bring the Encyclopedia up-to-date on the latest developments and state-of-the-art knowledge in every discipline. An expanded subject index makes information easier to find. An extensive revision program makes this series an important addition to personal as well as institutional libraries in both academic and industrial settings.

Science and Technology Encyclopedia Wiley-Interscience

Covers various aspects of science and technology, including natural history, earth science, physics, chemistry, astronomy, mathematics, and information technology

Encyclopedia of Information Science and Technology SAGE Publications

"This comprehensive reference work provides immediate, fingertip access to state-of-the-art technology in nearly 700 self-contained articles written by over 900 international authorities. Each article in the Encyclopedia features current developments and trends in computers, software, vendors, and applications...extensive bibliographies of leading figures in the field, such as Samuel Alexander, John von Neumann, and Norbert Wiener...and in-depth analysis of future directions."

**ENCYCLOPEDIA OF COMPUTER SCIENCE AND TECHNOLOGY**

CRC Press

This Encyclopedia begins with an introduction summarizing its scope and content. Glassmaking; Structure of Glass, Glass Physics, Transport Properties, Chemistry of Glass, Glass and Light, Inorganic Glass Families, Organic Glasses, Glass and

the Environment, Historical and Economical Aspect of Glassmaking, History of Glass, Glass and Art, and outline possible new developments and uses as presented by the best known people in the field (C.A. Angell, for example). Sections and chapters are arranged in a logical order to ensure overall consistency and avoid useless repetitions. All sections are introduced by a brief introduction and attractive illustration. Newly investigated topics will be addressed, with the goal of ensuring that this Encyclopedia remains a reference work for years to come.

**ATOM SMASHING, FOOD CHEMISTRY, ANIMALS, SPACE, AND MORE!**

The Encyclopedia of Science and Technology

This encyclopedia is the first to offer in-depth coverage of imaging science and technology from a diverse range of applications, techniques and fields of study. Today imaging is used by astronomers to map distant galaxies, oceanographers to map the sea floor, chemists to map the distribution of atoms on a surface, physicians to map the functionality of the brain and electrical engineers to map electromagnetic fields around power lines. With this encyclopedia, scientists, engineers and physicians can understand more about the science and technology behind the imaging techniques they are currently using and learn the latest technologies. Diverse coverage offers the ability to learn from applications in archeology, aviation, astronomy, chemistry, forensics, geography, mathematics, medicine, meteorology, microscopy, oceanography, surveillance and more ... and how to apply those imaging solutions to many different problems. Also available in a user-friendly, online edition The new electronic version of the Encyclopedia, accessible through Wiley InterScience, offers enhanced browsing, searching and cross-referencing capabilities. Visit [www.interscience.wiley.com/eist](http://www.interscience.wiley.com/eist)

**Biographical Encyclopedia of Scientists, Second Edition - 2 Volume Set** Oxford University Press, USA  
Each entry gives short to lengthy biographical information. Subject and name index.

**Science, Technology, and Society** Routledge  
Encyclopedia of Sustainable Technologies provides an authoritative assessment of the sustainable technologies that are currently available or in development. Sustainable technology

includes the scientific understanding, development and application of a wide range of technologies and processes and their environmental implications. Systems and lifecycle analyses of energy systems, environmental management, agriculture, manufacturing and digital technologies provide a comprehensive method for understanding the full sustainability of processes. In addition, the development of clean processes through green chemistry and engineering techniques are also described. The book is the first multi-volume reference work to employ both Life Cycle Analysis (LCA) and Triple Bottom Line (TBL) approaches to assessing the wide range of technologies available and their impact upon the world. Both approaches are long established and widely recognized, playing a key role in the organizing principles of this valuable work. Provides readers with a one-stop guide to the most current research in the field Presents a grounding of the fundamentals of the field of sustainable technologies Written by international leaders in the field, offering comprehensive coverage of the field and a consistent, high-quality scientific standard Includes the Life Cycle Analysis and Triple Bottom Line approaches to help users understand and assess sustainable technologies

**An Encyclopaedia of the History of Technology** Routledge Offers an illustrated encyclopedia of general science, with informative and fun facts on a broad array of scientific topics.

**Social Issues in Science and Technology** Infobase Publishing The Encyclopedia of Sustainability Science and Technology (ESST) addresses the grand challenge for science and engineering today. It provides unprecedented, peer-reviewed coverage in more than 550 separate entries comprising 38 topical sections. ESST establishes a foundation for the many sustainability and policy evaluations being performed in institutions worldwide. An indispensable resource for scientists and engineers in developing new technologies and for applying existing technologies to sustainability, the Encyclopedia of Sustainability Science and Technology is presented at the university and professional level needed for scientists, engineers, and their students to support real progress in sustainability science and technology. Although the emphasis is on science and technology rather than policy, the Encyclopedia of Sustainability Science and Technology is also a comprehensive and authoritative resource for policy makers who want to understand the scope of research and development and

how these bottom-up innovations map on to the sustainability challenge.

**Concise Encyclopedia of Science and Technology of Wine** Oxford University Press

The A-to-Z reference resource for nuclear energy information A significant milestone in the history of nuclear technology, Nuclear Energy Encyclopedia: Science, Technology, and Applications is a comprehensive and authoritative reference guide written by a committee of the world's leading energy experts. The encyclopedia is packed with cutting-edge information about where nuclear energy science and technology came from, where they are today, and what the future may hold for this vital technology. Filled with figures, graphs, diagrams, formulas, and photographs, which accompany the short, easily digestible entries, the book is an accessible reference work for anyone with an interest in nuclear energy, and includes coverage of safety and environmental issues that are particularly topical in light of the Fukushima Daiichi incident. A definitive work on all aspects of the world's energy supply, the Nuclear Energy Encyclopedia brings together decades of knowledge about energy sources and technologies ranging from coal and oil, to biofuels and wind, and ultimately nuclear power.

*The Primary Science and Technology Encyclopedia* Abc-Clio Incorporated

The Biographical Encyclopedia of Scientists: Second Edition, 2 Volume Set examines the lives and careers of noteworthy scientists and thinkers through the ages, illuminating the progress of science and its impact on society in general. From Aristotle and the beginnings of objective observations, to twentieth century giants, Freud and Hawking, this extensive in-depth reference explores the men and women who have shaped our ideas and the world in which we live today. Extensively revised and updated, this second edition comprises two substantial illustrated volumes that contain over 2,000 biographical entries and over half a million words. It looks and reads like a "Who's Who" of the world of scientific thought, providing an in-depth listing of prominent historical as well as modern figures of science and medicine. The main biographical entries are arranged alphabetically and summarize the individual's life and contribution to science. The volumes also include a chronology of the history of science from 590 BC to the present, a subject index, and a bibliography of key

publications in the history of scientific thought. For anyone researching the world of scientific personalities and ideas, this unique reference work will be indispensable.

Van Nostrand's Scientific Encyclopedia, 2 Volume Set Routledge Medieval Science, Technology, and Medicine details the whole scope of scientific knowledge in the medieval period in more than 300 A to Z entries. This resource discusses the research, application of knowledge, cultural and technology exchanges, experimentation, and achievements in the many disciplines related to science and technology. Coverage includes inventions, discoveries, concepts, places and fields of study, regions, and significant contributors to various fields of science. There are also entries on South-Central and East Asian science. This reference work provides an examination of medieval scientific tradition as well as an appreciation for the relationship between medieval science and the traditions it supplanted and those that replaced it. For a full list of entries, contributors, and more, visit the Routledge Encyclopedias of the Middle Ages website.

### ENCYCLOPEDIA OF THE SCIENTIFIC REVOLUTION

CRC Press

This encyclopedia considers both the professional ethics of science and technology, and the social, ethical, and political issues raised by science and technology.

The Encyclopedia of Science and Technology IGI Global Snippet For a free 30-day online trial to this title, visit [www.sagepub.com/freetrial](http://www.sagepub.com/freetrial) In the academic world, the term "science communication" refers both to a set of professions (such as science journalism and public information work) and to an interdisciplinary scholarly research specialization. Much of this research is aimed at improving our understanding of the best ways to communicate complex information, especially to people who are not scientists. Science communication specialists are concerned with giving people useful information about health, environment, and technology – as well as science itself. In order to do this, we also need to improve our understanding of how people think, form opinions, and process information. Additionally, professional practitioners in science communication are engaged in strategic and ethical decisions every day, such as: How should reporters cover the issue of climate change? Should the views of scientists who do not believe that climate change has been

caused by human activity be included alongside the views of those who do, in order to give a "balanced" story, or does this mislead the public into thinking that both of these positions are equally accepted within the scientific community? The Encyclopedia of Science and Technology Communication provides information on the entire range of interrelated issues in this interdisciplinary field in one place, along with clear suggestions on where to begin the search for more. Geared towards undergraduate and graduate students in journalism, communication, mass communication, and media studies, as well

as towards working journalists, public information officers, and public relations specialists, this encyclopedia introduces this vast, fascinating field while challenging the reader to question assumptions inherent in communication across disciplinary boundaries. Key Themes Associations and Organizations Audiences, Opinions, and Effects Challenges, Issues, and Controversies Changing Awareness, Opinion, And Behavior Critical Influences and Events Global and International Aspects Government Agencies (US) History, Philosophy, and Sociology of Science Important Figures Journal Publications Key Cases and Current Trends Law, Policy, Ethics, and Beliefs Major

Infrastructural Initiatives Practices, Strategies, and Tools Professional Roles and Careers Public Engagement Approaches Theory and Research Venues and Channels

### **SCIENCE ENCYCLOPEDIA**

Wiley-Interscience

"This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by publisher.

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