standards

Standards can be international, national, regional, or corporate. They cover production and consumption, social responsibility, health and safety, quality management, laboratories, diverse devices, and equipment, to mention the most popular ones. They are the basis for our everyday activities: air, water, and food quality, information security, codes, accounting, reporting, etc. Despite the great number of existing standards, new and improved ones are appearing daily. The standardization process includes development, acceptance, and implementation of new or improved standards. The stakeholders can be companies, standardization institutions, governments, users, interest groups, professionals, and scientists. The international organization for standardization, ISO, has a guidance document on new work with three parts: 1) new standardized areas, 2) new fields of work, and 3) new work item proposals within existing committees. New standards need to be inspected, verified, and their quality assessed. In addition to technical standards, other standards and norms exist, e.g., patents, certificates, permits. They improve quality, reliability, efficiency, durability, and other properties of goods and services. They can be voluntary or obligatory, used internally or externally. A rapid development of standards is expected in the future. Climate change, sustainability, and demographic trends will require rigorous changes to the ways in which we live, behave, produce, and use energy. Standardization will play an important role in process and product design, production, distribution, consumption, and recovery.

MDPI

MDPI\Books
Publishing Open Access Books & Series

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.

Open Access
Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.

Author Focus
Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.

High Quality & Rapid Publication
MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.

High Visibility
Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).

Print on Demand and Multiple Formats
MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.

Learn more ▶ mdpi.com/books