



The Role of Information in the Development of Scientific and Technical Progress

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Today the flow of scientific and technical information has increased significantly because, along with the traditional means of scientific and technical information, such as textbooks, manuals, monographs, periodicals, collections of scientific papers, abstracts of conferences, regulations, patents and copyright certificates, reports on research and scientific and technical work, essays, analytical reviews, translated documents, dissertations and dissertation abstracts, most of which is outdated much more than 10% annually, online information appeared over the Internet.

The outdated of the information depends on the degree of novelty and intensity of the updates. Under the conditions of our country, considering the slow access to the foreign printed media and, of course, the lack of qualified translation into the Uzbek language, outdated of the information occurs even faster. Therefore, obtaining information through e-journals that can rapidly deliver information to scientists and industrials is getting more and more important.

In our situation, for Uzbekistan, creating of the system for online information collection is becoming top priority; that system requires certain financial costs and availability of qualified personnel of focused specialization and, of course, translators that can translate information, since most of consumers of the information have poor knowledge of foreign languages as well as poor knowledge of the Russian language.

Uzbekistan is located in an area where the main limiting factor of the crop productivity is irrigation water. This fact once again underlines the importance of creating of the e-journal. In the journal, there are several sections, such as waterworks and their exploitation, irrigation network and the system of relationships between the consumer and water management, irrigation system, searching of the crops and their pattern of arrangement, ensuring the most efficient use of the water, food security, etc. In our opinion the presence of these sections is a reflection of the fact that the loss of water in the region occurs in each system separately and that different organizations, academic institutions and specialists in various fields are responsible for the study of the water supply system and the water delivery to the consumer and the use of irrigation water.

Since we are the professionals in the agriculture, it is important for us to study the irrigation systems that depend on soil conditions, and the level of crop farming activities. Searching of the crops that are designed to the highest yield at the lowest cost of water is

very important; it is naturally associated with the genesis, the coefficient of transpiration and climate conditions of each region of the Central Asian country.

As you can see, there are many questions, which, however, can be answered as a result of the deep research, but no research can be conducted without a thorough study of the latest scientific information.

From our point of view, e-journal should not be a substitute for the above-mentioned means of scientific and technical information. We hope that the journal will become a guide for readers to complete the study of the primary sources obtained in the e-journal and of the brief annotated information by the involved scientists.

Of course, the creation of a modern e-journal that is useful for researchers is a highly complex and painstaking work, but using the World Wide Web, the task is doable, well-timed and very useful. This e-journal will provide extensive links between the researchers from different countries and it will become one of the important means of expansion of scientific and technical information in Central Asia.

I wish you prosperity and success!