

Environmental Education and Information on Coastal Environment in Russia

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There are many problems in environmental education in Russia now. Some of them connect with low level of communication among schools and nongovernmental citizen groups for solving practical environmental problems of education now. Many private schools are appearing in Russia now. So, there is a problem with standardization of school education programs.

There are two ways for developing environmental education In Russian Schools now. First way connects with an introducing some environmental problems in traditional subjects. Pupils may make some environmental calculations under studying integrals in subjects of Mathematics. For example, there is a problem of calculation of a flood (increasing the water level) near the destructed dyke on coastal areas. The decision of this problem may be expressed as ratio of two integrals.

The second way of developing of environmental education connects with creating new subjects in school programs. A safety of living was introduced in Russian school programs as a new environmental subject from 1994. Some problems of environment protection are concluded as important part of this school subject. But, there are plans of studying some new environmental subject by pupils. The Mathematical modeling is created as a new subject.

There is a special role of the Russian Orthodox University in promotion of this new subject in environmental education in Russia. This University was found in 1993. An Environmental Department of the Russian Orthodox University was found in 1996.

The special role of Russian Orthodox University in a new development of environmental education connects with following idea. The students for beginning study the new subjects. Them, these subjects will be introduced to Russian school programs.

The students of Russian Orthodox University have practical activity in primary and secondary schools too. So, the students have possibility to inform pupils about news in environmental science and education. The special computer program has been created for studying a transformation and transportation of the mixture pollutants in environment. The students are used the computer program in education. They study a scientific law of transformation and transportation of the mixture pollutants in environment with the aid of the special computer program. Thus, students are recognizing a problem of calculation of pollution under modern condition of uncompleted information.