

APPLICATION OF INFORMATION TECHNOLOGIES FOR EFFECTIVE TRAINING IN ENVIRONMENTAL ENGINEERING

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ABSTRACT

The system of high education in Ukraine is under restructuring now. New social and economical conditions require implementation of new approach and technologies on all levels of training process. The main aim of our laboratory is application of information technologies for effective training in environmental engineering for all levels – bachelor, master, postgraduate students.

Implementation of information computer technologies into study process includes different stages:

- introduction new and update and/or transformation exist special training courses due to cooperation and interaction between Academy, Environmental Engineering Department and employers;
- special training for lecturer and teaching staff with the aim of improving professional skills and distribution of information about the best Ukrainian and international practice;
- support of scientific and research activity in environmental engineering.

On the basis of laboratory will organize the practical trainings and individual works for course and degree projects and papers preparation with application of professional-oriented software, Internet, GIS, etc. for the students specializing in environmental engineering.