

Realization of E-Learning Courses for the Education of Climate

Abstract

The current need for modern and efficient presentation of information focused on climate change is realized through an E-klima project. E-learning was chosen as a form of learning. This research project called “Education model of e-learning for lifelong learning in selected branches of environment” is realized by Palacký University in Olomouc, in cooperation with the Czech Hydrometeorological Institute and the University of Economics, Prague. Its aim is to create e-learning courses with a thematic focus on the climate and its change consisting of up-to-date and accurate information from the field of climate change and environment. The main objective of the courses is to provide educational materials to various groups of users (from primary schools to departmental staff offices), focusing on natural and social sciences related to climate, climate change and other Earth sciences.

Keywords: *education model, e-learning, e-klima project, climate.*

Introduction

E-learning as the use of new multimedia technologies is widely used to improve the quality of learning by facilitating access to resources and services as well as remote exchange and collaboration (CEC, 2001). E-learning makes it possible to adapt education to individual needs, including disabled learners. E-learning course users proceed at their own pace thanks to remote access to information and learning materials, which increasingly encompass multimedia sources. Technology in support of learning enables remote communication and cooperation, removal