



DALJINSKO ZAZNAVANJE IN OKOLJSKE VSEBINE

REMOTE SENSING AND ENVIRONMENTAL CONTENT

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Povzetek

Spremembe okolja se odvijajo hitreje, kot se je še do nedavna predvidevalo. Človek se odziva prepočasi in še vedno neodgovorno. Večina problemov, ki nastajajo v naravi, povzročajo človek. Izobraževanje za spremembo vrednot bo v prihodnosti verjetno edina možna rešitev.

V prispevku je prikaz koristne uporabe prostodostopnega programa Earth Google. S pomočjo spoznavanja programa in njegove enostavne uporabe je mogoče z nekaj primeri nalog prikazati uporabnost in smiselnost daljinskega zaznavanja in fotointerpretacije v šoli. Z dobro pripravljenimi navodili in ciljno naravnanimi nalogami je mogoče odkrivati ekološke probleme v bližnji in daljni okolici. Divja odlagališča odpadkov, ekološko nevarni objekti, ekološke črne točke in problemi svetlobnega onesnaženja lahko postanejo ciljni projekti preučevanja in ugotavljanja človekovega vpliva na okolje in naravo. Na pereče ekološke probleme lahko mladi z omenjeno IKT-opremo opozarjajo pristojne organe in s tem pomagajo k splošnemu dvigu ekološke zavesti. Pravilno in strokovno pripravljeno gradivo lahko služi kot podlaga za realno in resnično sanacijo katerega od okoljskih problemov.

Iz tega sledi, da z direktnim in posrednim merjenjem, opazovanjem in zaznavanjem sprememb na terenu pridobivamo izkušnje in argumente za določena spoznanja. Le-ta morajo biti jasna in konkretna, da lahko dijaki nato sprejema ustrezne rešitve in zaključke.

Abstract

Changes in the environment are more rapid than still believed not long ago. Man responds too slowly and still irresponsibly. The majority of problems in nature are caused by man. Education in the view of changed values will probably be the only possible solution in the future.



This contribution is dedicated to the beneficial use of the program Google Earth. With the program and its easy application it is possible with only few school cases to show the usefulness and advisability of remote sensing and photo-interpretation in school. A well-developed guidelines and targeted tasks make possible to detect environmental problems in the near and far surroundings. Illegal dumping sites, hazardous facilities, environmental black spots and problems of light pollution may become a target projects study and assessment of human impact on the environment and nature. The students with ICT equipment warn the competent authorities, helping to raise general environmental awareness on the pressing environmental problems. Properly and professionally prepared material can serve as the basis for real and genuine rehabilitation of the environmental problems.

In other words, with direct and indirectly measurements, observation and perception of changes in the field, we hope to acquire knowledge and arguments for a particular insight. These must be clear and concrete, to enable the students to come to suitable solutions and decisions.