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Abstract

Integrated Hydraulic Construction Designs - Innovative E-learning ICTs for Efficient Agricultural Medical Health Sustainable Tourism Infrastructures

Tilemachos K

Koliopoulos University of West Attica, Department of Community Health and Public Health, Athens, Greece.

Abstract:

Information and Communication Technology (ICT) has inevitable impacts related to sustainable smart cities, surveillance in emergencies, pandemics and efficient project management of particular tourism infrastructures that promote sustainability. The tourism industry, as the fastest and largest growing industry in the world, cannot be excluded from associated environmental health technologies that promote safe sustainable healthcare facilities related to alternative types of medical health tourism. ICTs provide information about tourist attractions in different destinations

before travelling and improves tourists' satisfaction promoting safe places with good travelling memories. Although arid climates in dry seasons have great tourism potentials as travel visiting places at post pandemic covid-19 era, it needs to be performed well in promoting unique, safe attractions to international tourists via proper E-learning ICTs tools. This research explores the impact of ICTs for better project management of tourism infrastructures for landscape improvement in travel attractions not only for polluted brownfields that have been reclamated on top soils, presenting several agricultural tourism activities that promote green circural economy but also on foreign tourists' satisfaction of the agricultural medical health tourism interactive facilities.

Biography:

Dr. Tilemachos K. Koliopoulos completed his PhD research in numerical modeling, civil- environmental engineering, geoinformation - ICT's applications for risk assessment, public health protection, project management, efficient hydraulic construction designs, and decision making at Strathclyde University in the U.K. He finished his M.B.A. at Greek Open University, in econometric project management tools – web ICTs utilities for sustainable designs in public health protection. He is chartered civil engineer from National Technical University

of Athens, Greece. He has been researcher, collaborator, giving lectures at University of West Attica in Greece. He has worked at the National Agricultural Research Foundation as well as at Vocational Education Training Public Schools in Athens in Greece. He has attended several seminars for e-learning, ICTs and he has participated in several Open Access, Open data and e-learning related activities. Currently he is working as managing director at Telegeco Research and Development Center in Greece, url: www.telegeco.gr. He has worked for several research projects, E.U funded ones. His research expertise is in econometric project management models for sustainable development; green health eco-tourism; web gis; public health; water resources; e-learning; innovative construction designs at community health infrastructures; sustainable medical health infrastructures at smart cities; circular economy.

Publication of speakers:

1. Antonkiewicz J., Kołodziej B., Bielińska E. (2017). Phytoextraction of heavy metals from municipal sewage sludge by Rosa multiflora and Sida hermaphrodita. International Journal of Phytoremediation, 19, 4, pp. 309-318. DOI: http://dx.doi.org/10.1080/15226514.2016.1225283
2. Babatsikou, F., Koliopoulos, T., Koutis, C. (2017). Efficient Design of a Community Health
3. Construction Infrastructure and Public Health Protection in Emergencies. Review of Clinical Pharmacology and Pharmacokinetics, International Edition 31(2):79-84

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