

## Journal of Integrated Information Management

Vol 5, No 2 (2020)

Jul-Dec 2020







**Journal of Integrated Information Management**

Vol. 5 – No 2  
Jul – Dec 2020

ISSN 2623-4629 (on-line)

## **Publisher**

Department of Archival, Library and Information Studies, School of Management, Economics and Social Sciences, University of West Attica

## **Editorial Board**

Editor-in-chief	<b>Prof. Georgios Giannakopoulos</b> Department of Archival, Library &Information Studies (University of West Attica, <b>Greece</b> )
Assistant Editor-in-chief	<b>Assist. Prof. Dimitrios Kouis</b> Department of Archival, Library &Information Studies (University of West Attica, <b>Greece</b> )
Editor	<b>Prof. Daphni Kyriaki-Manesi</b> Department of Archival, Library &Information Studies (University of West Attica, <b>Greece</b> )
Editor	<b>Prof. Christos Skourlas</b> Department of Informatics and Computer Engineering (University of West Attica, <b>Greece</b> )

## **Advisory Board**

Member	<b>Prof. Judith Broady-Preston</b> Institute of Professional Development (Aberystwyth University, <b>UK</b> )
Member	<b>Prof. Paolino di Felice</b> Dep. of Industrial and Information Engineering and Economics (University of L'Aquila, <b>Italy</b> )
Member	<b>Prof. Craig Standing</b> Centre for Innovative Practice, School of Business and Law (Edith Cowan University, Western Australia, <b>Australia</b> )
Member	<b>Prof. Alkis Thrassou</b> Department of Marketing, School of Business (University of Nicosia, <b>Cyprus</b> )
Member	<b>Prof. Chris Vassiliadis</b> Department of Business Administration, School of Business Administration Sciences (University of Macedonia, <b>Greece</b> )
Member	<b>Prof. Cleopatra Veloutsou</b> Adam Smith Business School (University of Glasgow, <b>UK</b> )
Member	<b>Prof. Sirje Virkus</b> School of Digital Technologies (Tallinn University, <b>Estonia</b> )
Member	<b>Prof. Spiros Zervos</b> Department of Archival, Library & Information Studies (University of West Attica, <b>Greece</b> )

## Table of contents

<b>Editorial message</b> <i>Assistant Prof. Dimitrios Kouis</i>	<b>5</b>
<b>Research papers</b>	
<b>Seeking for the evolutionary history of lands based on ontology organized spatiotemporal data and reasoning tools</b> <i>Markos Dendrinos, Daphne Kyriaki-Manessi, Alexandra Tranta</i>	<b>7</b>
<b>Medical and health sciences' community attitudes towards hybrid journals, academic networks, social media and research evaluation metrics: a perspective from Greece</b> <i>Dimitrios Kouis, Eirini Delikoura</i>	<b>15</b>
<b>Computer-Assisted Translation of Egyptian-Coptic into Greek</b> <i>Argyro Kontogianni, Theodoros Ganetsos, Panagiotis Kousoulis, Evangelos C. Papakitsos</i>	<b>26</b>
<b>Hadrian's aqueduct in Athens. Educational activity project in the context of promoting cultural heritage among youth</b> <i>Eleni Alexandri, Alexandra Tranta</i>	<b>32</b>

## Editorial message

Dear Colleagues,

It is with pleasure to announce the new issue of the **Journal of Integrated Information Management (JIIM)** publication. JIIM is an international, multidisciplinary, blind peer-reviewed journal that publishes research efforts on all aspects and issues regarding Information Science and Integrated Information Management.

Expressing our commitment to promoting high-grade quality scientific papers, we present you with the current issue, which contains four articles.

The first paper presents a study that focuses on spatiotemporal historical data organized in an OWL Protégé ontology environment. It aims at exploring the possibilities of using deduction logic tools in correlating alternate names of geographic regions related to time periods and presenting spatiotemporal interconnections. The application paradigm includes spatial data of local regions and sites of contemporary Greece and Turkey related to Hellenic historical archaeological sites temporally distributed in an extended period from Neolithic Age to the 19th century.

The following paper attempts to identify medical and health scientists' attitude towards the use of hybrid journals, social media and academic networks and the selection factors of publication medium, including alternative metrics. A quantitative survey was conducted, based on a structured questionnaire, focusing on Health Sciences and Medicine, with a population sample mainly consisting of hospital healthcare professionals. Most participants agreed that publishing in hybrid journals results in a significantly high cost for the authors which cannot be paid without funding support and probably affects the validity of the evaluation procedures

In the next paper readers will be informed of how the designing of a software tool was done, for computer-assisted learning and translation of Egyptian-Coptic into Greek. The software design emphasizes the ability of processing inscriptions on artifacts through a simple interactive interface for its usage by Greek-speaking scholars of Humanities, having just essential familiarization with computers.

The last paper contributes to the study of cultural heritage by exploring the possibility of delving deeper into a number of its fields through a single monument. For this purpose, authors applied contemporary informal education approaches to the design of an educational program for cultural monuments taking Hadrian's aqueduct as the starting point. The rich interdisciplinary approach that emerged from the study of a single monument, its capacity to "narrate" stories as well as the potential of its gainful employment by young people, aiming at their cultural awareness concerning world cultural heritage of monuments.

We are aiming at making JIIM a reputable scientific communication channel, and we are now welcoming submissions for the upcoming journal issues as well as proposals for Special Issues. Your proposal should be no more than five pages and include at least an executive summary, a proper justification why the Special Issue is needed and how it is suitable with the JIIM topics. Special Issues proposals should be sent directly via email to the Assistant Editor-in-chief ([dkouis@uniwa.gr](mailto:dkouis@uniwa.gr)).

Finally, we expect your contribution and active support with remarks and points of improvement.

**Assistant Professor - Assistant Editor-in-chief**

Dimitrios Kouis

Department of Archival, Library and Information Studies University of West Attica

Agiou Spyridonos Str., 12243 Aegaleo, Athens, Greece

