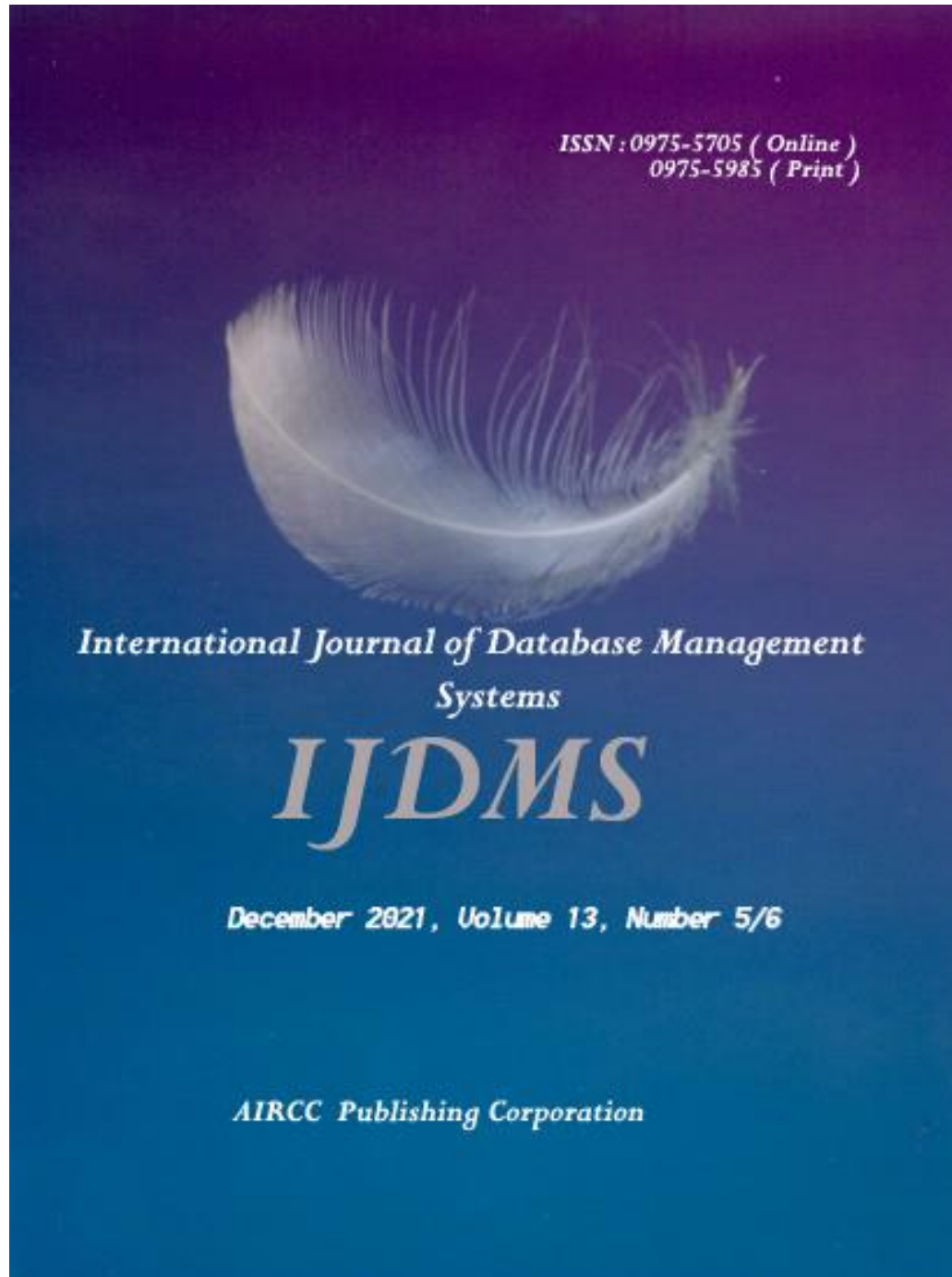


**International Journal of Database Management Systems ( IJDMS )**

ISSN : 0975-5705 (Online); 0975-5985 (Print)



ISSN : 0975-5705 ( Online )  
0975-5985 ( Print )

*International Journal of Database Management  
Systems*

***IJDMS***

*December 2021, Volume 13, Number 5/6*

*AIRCC Publishing Corporation*

<https://airccse.org/journal/ijdms/index.html>

## SCOPE OF THE JOURNAL

The International Journal of Database Management Systems (IJDMS) is a bi monthly open access peer-reviewed journal that publishes articles which contribute new results in all areas of the database management systems & its applications. The goal of this journal is to bring together researchers and practitioners from academia and industry to focus on understanding Modern developments in this filed, and establishing new collaborations in these areas.

Authors are solicited to contribute to the journal by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in the areas of Database management systems.

### Topics of interest include, but are not limited to, the following

- Constraint Modelling and Processing
- Data and Information Integration & Modelling
- Data and Information Networks
- Data and Information Privacy and Security
- Data and Information Quality
- Data and Information Semantics
- Data and Information Streams
- Data Management in Grid and P2P Systems
- Data Mining Algorithms
- Data Mining Systems, Data Warehousing, OLAP
- Data Structures and Data Management Algorithms
- Database and Information System Architecture and Performance
- DB Systems & Applications
- Digital Libraries
- Distributed, Parallel, P2P, and Grid-based Databases
- Electronic Commerce and Web Technologies
- Electronic Government & eParticipation
- Expert Systems and Decision Support Systems
- Expert Systems, Decision Support Systems & applications
- Information Retrieval and Database Systems
- Information Systems
- Interoperability
- Knowledge Acquisition, discovery & Management

- Knowledge and information processing
- Knowledge Modelling
- Knowledge Processing
- Metadata Management
- Mobile Data and Information
- Multi-databases and Database Federation
- Multimedia, Object, Object Relational, and Deductive Databases
- Pervasive Data and Information
- Process Modelling
- Process Support and Automation
- Query Processing and Optimization
- Semantic Web and Ontologies
- Sensor Data Management
- Statistical and Scientific Databases
- Temporal, Spatial, and High Dimensional Databases
- Trust, Privacy & Security in Digital Business
- User Interfaces to Databases and Information Systems
- Very Large Data Bases
- Workflow Management and Databases
- WWW and Databases
- XML and Databases

## Members of the Editorial Board

### Editor In Chief :

Shaima Abdelmageed, University of Vasa, Finland

### Editorial Board :

Abdelkader Hameurlain, **Institut de Recherche en Informatique de Toulouse, France**

Abdurashid Mamadolimov, **Malaysian Institute of Mocrelectronic Systems, Malaysia**

Abdul Aziz, **University of Central Punjab, Pakistan**

Ahmed Lbath, **University of Grenoble, France**

Ahsan Morshed, **Intelligent Sensing and Systems Laboratory CSIRO ICT Centre, Australia**

Ali Karami, **University of Isfahan, Iran**

Archana Kakade, **Raisoni College of Engineering, India**

A. K. Daniel, **M.M.M University of Technology, India**

A.V. Krishna Prasad, **MVSR Engineering College, India**

Akhil Garg, **Nanyang Technological University (NTU), Singapore**

Aziz M. Barbar, **American University of Science & Technology, Lebanon**

Azween Bin Abdullah, **Universiti Teknologi Petronas, Malaysia**

B. Sankarasubramanian, **SCSVMV University, India**

Barbaros Preveze, **Çankaya University, Turkey**

Boo-Hyung Lee, **KongJu National University, South Korea**

Boulmakoul, **Hassan II University, France**

Chin-Chin Chang, **Chunghwa University, Taiwan**

Dhinaharan Nagamalai, **Wireilla Net Solutions PTY LTD, Australia**

Elboukhari Mohamed, **University Mohamed First, Morocco**

Feng George Yu, **Youngstown State University, USA**

Franck Morvan, **Sabatier University, France**

Fadiya Samson Oluwaseun, **Girne American University, Turkey**

Girish Tere, **University of Mumbai, India**

Hao-En Chueh **Yuanpei University, Taiwan**

Hassan Badir **Ecole de Sciences Appliques de Tanger, Morocco**

Hossein Jadidoleslami, **MUT University, Iran**  
Jacques Demerjian, **CS Communication & Systems, France**  
Jaesoo Yoo, **Chungbuk National University, Korea**  
Jalel Akaich, **Institut Supérieur de Gestion de Tunis, Tunisia**  
Jeong-Hyun Park, **Electronics & Telecommunications Research Institute, South Korea**  
Jesus Pardillo Vela, **University of Alicante, Spain**  
Jaesoo Yoo, **Chungbuk National University, Korea**  
Jorge Bernardino, **Polytechnic Institute of Coimbra, Portugal**  
Jose-Norberto Mazón, **Universidad de Alicante, Spain** Luisa  
Maria Arvide Cambra, **University of Almeria, Spain**  
K.Rameshkumar, **Karunya University, India**  
K. C. Ravishankar, **Govt. Engineering College, India**  
K.Suresh Joseph, **Pondicherry University, India**  
Khoa N. Le, **Griffith School of Engineering, Australia**  
Koushik Majumder, **West Bengal University, India**  
Lakshmi Rajamani, **Osmania University, India**  
Lien-Fa Lin, **Kao Yuan University, Taiwan**  
Madhavi Vaidya, **Mumbai University, India**  
Mohd Shahid Husain, **Integral University, India**  
M.Rajalakshmi, **Coimbatore Institute of Technology, India**  
Madhuri Rao, **Mumbai University, India**  
Minny kaushik, **Kurukeshtra University, India**  
Mutaz M. Al-Debei, **The University of Jordan, Jordan**  
Natasa Zivic, **University of Siegen, Germany**  
Nanhay Singh, **AIACR, India**  
Nisheeth Joshi, **Banasthali University, India**  
Osama Sheta, **Zagazig University, Egypt**  
Partha Pratim Bhattacharya, **Mody University of Science & Technology, India**  
Pravin P.Karde, **Shree Hanuman Vyayam Prasarak Mandals' College of Engineering and  
Technology, India**  
Priyadarshan Dhabe, **Vishwakarma Institute of Technology, India**  
R.Vasanth Kumar Mehta, **SCSVMV University, India**

<https://airccse.org/journal/ijdms/index.html>

Rajeev Kaula, **Missouri State University, USA**  
Ramachandra Rao Kurada, **Shri Vishnu Engineering College for Women, India**  
Sachin Patil, **Rajarambapu Institute of Technology, India**  
Salman Abdul Moiz, **Centre for Development of Advanced Computing, India**  
Sankar Rajagopal, **Tata Consultancy Services, USA**  
Sebastian Floerecke, **University of Passau, Germany**  
Selma Boumerdassi, **Conservatoire National des Arts et Metiers, France**  
Selwyn Piramuthu, **University of Florida, USA**  
Seungmin Rho, **Korea University, South Korea**  
S. Taruna, **Banasthali University, India**  
Sangita Zope-Chaudhari, **A. C. Patil College of Engineering, India**  
Shahid Siddiqui, **Integral University, India**  
Shahid Ali, **AGI Education Ltd, New Zealand**  
Shirish Patil, **Independent/Industry, USA**  
Simanta Shekhar Sarmah, **Alpha Clinical Systems Inc, USA**  
Soumaya Chaffar, **Prince Sultan University, UAE**  
Vinod Kumar Yadav, **Surajmal College of Engineering and Management, India**  
William R. Simpson, **Institute for Defense Analyses, USA**  
Yahya SLIMANI, **ISAMM University of Manouba, Tunisia**  
Ye Tian, **University of Pennsylvania, USA**  
Yoo, Wook-Sung, **Fairfield University, USA**  
Yuan-Ko Huang, **Kao Yuan University, Taiwan**  
Yuhan CAI, **A9.com, Inc, USA**

# Paper Submission & Manuscript preparation Guide

## Paper Submission

Authors are invited to submit papers for this journal through E-mail [ijdmsjournal@airconline.com](mailto:ijdmsjournal@airconline.com) or [ijdmsjournal@aircse.org](mailto:ijdmsjournal@aircse.org) Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this Journal. For paper format download the template in this page

## Review Process

Submissions are accepted for review with the understanding that the same work has been neither submitted to, nor published in, another publication. Simultaneous submission to other publications will result in immediate rejection of the paper. Papers are not within the journal scope will be rejected immediately after the pre review process.

All manuscripts will be subject to a well established, fair, unbiased peer review and refereeing procedure, and are considered on the basis of their significance, novelty and usefulness to the Journals readership. The reviewing structure will always ensure the anonymity of the referees & it will be reviewed by 3 experts in the field. The review output will be one of the following decisions::

1. Accept
2. Accept with minor changes
3. weak Accept with major changes
4. Reject

The review process may take approximately two ~three months to be completed. The Editor reserves the right to reject a paper if it does not meet the aims and scope of the journal, it is not revised well.

## Copy Right Form

Email the journal secretary at [ijdmsjournal@airconline.com](mailto:ijdmsjournal@airconline.com) or [ijdmsjournal@aircse.org](mailto:ijdmsjournal@aircse.org) to receive the copy right form

## Special Issue

IJDMS invite proposals for special issues on topics that fall within the scope of this journal. Please email your proposal to [secretary@airccse.org](mailto:secretary@airccse.org)

## Contact Us

Here where you can reach us: [ijdmsjournal@airconline.com](mailto:ijdmsjournal@airconline.com) or [ijdmsjournal@airccse.org](mailto:ijdmsjournal@airccse.org)



## Indexing

### Abstracting & Indexing Services:

[The Elektronische Zeitschriftenbibliothek EZB](#)

[Genamics JournalSeek](#)

[World Journal Clout Index \(WJCI\)](#)

Index of IS journals



SCIRUS

for scientific information only



Scribd.



ULRICHSWEB™

GLOBAL SERIALS DIRECTORY

getCITED

pubget  
BETA

CiteSeer<sup>x</sup>  
beta

docstoc



PKP

PUBLIC  
KNOWLEDGE  
PROJECT



ProQuest



中国知识基础设施工程

### Bibliographic Information

ISSN : 0975 - 5985

e-ISSN : 0975 - 5705

doi : 10.5121/ijdms



## Google Scholar

Indexing H –Index – 24, Citations 2558, i10-Index 66

### More Details

<https://scholar.google.com/citations?user=H3J05GoAAAAJ&hl=en&authuser=1>

### World Journal Clout Index (WJCI)

### Impact Factor

2019- 0.200

2020- 0.174

### WJCI 2019

Year:

[WJCI Certificate](#)

Journal Title	INTERNATIONAL JOURNAL OF DATABASE MANAGEMENT SYSTEMS				
Country/Region	India				
ISSNS	0975-5985/0975-5705				
Publisher/Sponsor	A I R C C Publishing Corporation				
Total Cites	40				
Impact Factor	0.200				
Discipline Impact	Discipline	WJCI	Rank	Quartile	WJCI Percentile
	Computer Software	0.090	95/99	Q4	4.04
	<b>Average Value</b>	<b>0.090</b>	<b>—</b>	<b>—</b>	<b>4.04</b>

<https://airccse.org/journal/ijdms/index.html>

## WJCI 2020

Year: 2020

[WJCI Certificate](#)

Journal Title	INTERNATIONAL JOURNAL OF DATABASE MANAGEMENT SYSTEMS				
Country/Region	India				
ISSNS	0975-5985/0975-5705				
Publisher/Sponsor	AIRCC Publishing Corporation				
Total Cites	41				
Impact Factor	0.174				
Discipline Impact	Discipline	WJCI	Rank	Quartile	WJCI Percentile
	Computer Software	0.066	98/103	Q4	4.85
	<b>Average Value</b>	<b>0.066</b>	<b>—</b>	<b>—</b>	<b>4.85</b>