

# Open Journal of Optimization



# **Journal Editorial Board**

ISSN Print: 2325-7105 ISSN Online: 2325-7091

https://www.scirp.org/journal/ojop

**Editorial Board** 

Dr. Brahim Benyahia	Massachusetts Insitute of Technology, USA
Prof. Wanyang Dai	Nanjing University, China
Prof. Mohsen Elhafsi	University of California-Riverside, USA
Prof. Wenhao Gui	University of Minnesota Duluth, USA
Prof. Karim Hamza	University of Michigan, USA
Prof. Onésimo Hernández-Lerma	CINVESTAV-IPN, Mexico
Dr. Kun-Lin Hsieh	National Taitung University, Chinese Taipei
Dr. Qinma Kang	Shandong University at Weihai, China
Prof. Anand Kishore Kola	National Institute of Technology, India
Dr. Zhenhong Lin	Oak Ridge National Laboratory, USA
Prof. Yinghua Liu	Tsinghua University, China
Dr. Giuseppe De Marco	University of Naples "Parthenope", Italy
Prof. Vishwa Nath Maurya	University of Fiji, Fiji
Prof. D. Subbaram Naidu	Idaho State University, USA
Prof. Daowen Qiu	School of Computer Science and Engineering, Sun Yat-sen
	University, China
Dr. Mohammad Reza Shadnam	KPMG, Canada
Dr. Dengfeng Sun	Purdue University, USA
Dr. Om Prakash Verma	Dr. B.R. Ambedkar NIT Jalandhar, India
Prof. Dexiang Wang	Juniper Networks, USA



# **Table of Contents**

# Volume 12 Number 1

## **March 2023**

#### Optimization Model: Resource Distribution for Risk Factors of Type 2 Diabetes Prevention

K. Misra.....1

# Open Journal of Optimization (OJOp) Journal Information

#### SUBSCRIPTIONS

The *Open Journal of Optimization* (Online at Scientific Research Publishing, <u>https://www.scirp.org/</u>) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$69 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

#### SERVICES

Advertisements Advertisement Sales Department, E-mail: service@scirp.org

#### **Reprints (minimum quantity 100 copies)** Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: <u>sub@scirp.org</u>

#### COPYRIGHT

#### Copyright and reuse rights for the front matter of the journal:

Copyright © 2023 by Scientific Research Publishing Inc. This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

#### Copyright for individual papers of the journal:

Copyright © 2023 by author(s) and Scientific Research Publishing Inc.

#### Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

#### Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact: E-mail: ojop@scirp.org





# **Open Journal of Optimization**

# ISSN Print: 2325-7105 ISSN Online: 2325-7091 https://www.scirp.org/journal/ojop

Open Journal of Optimization (OJOp) is an open access journal published quarterly. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in all aspects of optimization.

# Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

#### Applications of Optimization in Science and Engineering

- Aerospace, Automotive, Biomedical, Chemical, Civil, Electrical, Environmental, Industrial, Mechanical, Mining, Naval, Structural, Robotics and Transportation Engineering
- Biology, Toxicology and Forestry
- Computer-Aided Design, Design Automation, Multi-Disciplinary Design, Topology Optimization
- Control Theory, Dynamic Systems and Vibrations
- Energy Systems and Sustainability
- Financial Systems, Business, Management, Economics, Accounting, Supply-Chains and Inventory Control
- Information Technology and Software Development
- Reliability and Robust Design

#### **Optimization Methods and Theories**

- Calculus of Variations
- Dynamic Programming
- Evolutionary Computation
- Game Theory
- Graph Theory
- Heuristic Algorithms
- Linear and Nonlinear Programming
- Network Algorithms
- Optimal Control
- Stochastic and Parametric Programming
- Swarm Intelligence
- Test Problems for Optimization Algorithms

#### **Optimization of Computational Techniques**

- Meta-Modeling, Neural Networks and Fuzzy Logic
- Numerical Methods and Large-Scale Systems
- Social Systems Modeling
- Time Series Analysis and Forecasting

# Notes for Intending Authors

We are also interested in: 1) Short reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book reviews—Comments and critiques.

# Website and E-Mail

https://www.scirp.org/journal/ojop

### What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

## What is Open Access?

Art and Design Review

Advances in

Advances in Biological

Entomolog

Applied Mathematics

Engineering

nii ili a

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Soft

Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org