



## Special Issue on Optimization and Its Applications

### Call for Papers

Optimization has been expanding in all directions at an astonishing rate during the last few decades. New algorithmic and theoretical techniques have been developed, the diffusion into other disciplines has proceeded at a rapid pace, and our knowledge of all aspects of the field has grown even more profound. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **optimization and its applications**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **optimization and its applications**. In this special issue, potential topics include, but are not limited to:

- Nonlinear optimization
- Bayesian optimization
- Stochastic optimization
- Optimal control
- Discrete optimization
- Multi-objective programming
- Approximation techniques and heuristic approaches
- Artificial ecosystem-based optimization algorithm
- Theory, methods, and applications of optimization

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue – Optimization and Its Applications**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	March 10th, 2025
Publication Date	May 2025

#### Guest Editor:

Dr. Kareem Elgindy, Ajman University, United Arab Emirates.



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