



Special issue on evolutionary computing and intelligent sustainable systems

S. Smys¹ · Robert Bestak² · Joy long-Zong Chen³

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Intelligent sustainable systems integrate the soft computing approaches with the sustainable systems. Recently, evolutionary computing has been widely applied to enable multi-criterion control strategies on the intelligent sustainable systems. Different evolutionary computing approaches have been developed for enhancing sustainability in intelligent systems [IS]. The main objective of this special issue is to explore the novel models, algorithms, analysis and application of soft computing models in intelligent sustainable systems.

This special issue of evolutionary computing and intelligent sustainable systems contains a collection of 27 papers, which were selected based on the relevance and review criterions specified by the Springer Soft Computing Journal. In this issue, a particular set of paper deals with the optimal resource scheduling, performance analysis, search optimization, machine learning frameworks, fuzzy-based decision making, network security frameworks, predictive analytics, sustainable cloud networks and semantic web models. Meanwhile, the another set of papers deals with various applications of soft computing approaches like feature extraction from images, cyber threats detection, electricity price forecasting, cloud computing, deep learning in intelligent wind energy systems, automated control systems, voice communication, Li-Fi, interconnected intelligent power systems, wireless sensor networks and

cognitive 5G networks. And furthermore, some research papers provide the interesting and timely innovative results about the introduction of evolutionary multipath energy-efficient routing protocol to enhance the network lifetime, smart-grid-based models to defend the false data attacks on the intelligent systems, network path identification models, computing methods to support the software reliability growth, and the integration of soft computing models in predictive cloud-based data analysis process.

This special issue covers a rich collection of research articles that illustrate significant advances to the different facets of soft computing models in enhancing the emerging intelligent sustainable systems. We believe that this special issue will actively engage the soft computing community in enhancing the emerging intelligent sustainable systems. Finally, I would like to acknowledge all the authors for their timely manuscript submissions to the special issue on evolutionary computing in intelligent sustainable systems.

Compliance with ethical standards

Conflict of interest All author states that there is no conflict of interest.

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✉ S. Smys
smys375@gmail.com

Robert Bestak
robert.bestak@fel.cvut.cz

Joy long-Zong Chen
jchen@mail.dyu.edu.tw

¹ Department of CSE, RVS Technical Campus, Coimbatore, India

² Department of Telecommunication Engineering, Czech Technical University in Prague, Prague, Czech Republic

³ Electrical Engineering, Dayeh University, Changhua, Taiwan