# SPECIAL ISSUE INFORMATION FOR AUTHORS

**All papers should be improved on following points:**

1. Initially, these selections do not mean that they will be accepted by the journals in all means. Authors should give their maximum efforts to improve their short form of conference paper(s). **If you submit your short conference paper version, you will get REJECTION from the journals since we have informed all editors already.**
2. The papers submitted to the journals **MUST NOT** include **conference logo or title**. **Please read the author guidelines of your selected - relevant journal.**
3. All terminology, sentences and figures should be in English. No other language is accepted.
4. The extended papers should be submitted to the journals till **15 August 2025, if no other dates are not specified below**. No extension to this date is available.
5. All papers will be peer-reviewed in the journals by their own journal editorial board cooperating with our conference technical committee. **Therefore your paper can be rejected if it is not improved sufficiently from its conference form. We are not responsible for the journal rejection of the paper in that case.**
6. At least **1 and a half** page introduction section is required for all papers for the archival procedure. Otherwise, it will be directly rejected by the journal editors.
7. An archival part which defines the **methodology and technique** should be addressed and extended especially in Sections 1 and 2.
8. All paper sections should be extended, new results & findings must be added in addition to the conference version. A complete & comprehensive form of paper is important for journal version.
9. The author(s) first and family names, address, e-mail(s) should be clearly defined. Do not make abbreviations in author names.
10. **The papers should be sent to the determined journals by writing them in journal format. Do not send the conference-templated paper to the journal. That may cause rejection.**
11. The reciprocal reference is very important. At least 1 published references per journal from the ECRES journals (Proceeses, Journal of Energy Systems, JOM) must be added to the References section of your paper. For instance your paper is submitted to JOM, one should put references from our other journals to the references. That is important to increase the ranks of our cooperative journals.
12. Each paper should have minimal 20 references and maximal 40 references.
13. **Internet addresses cannot be assigned as references.**
14. The references from conferences cannot exceed 3 in the references section.
15. References from SCI, E-SCI and SCOPUS and EBSCO indexed journals are acknowledged.
16. The paper titles should be shortened as much as possible. **Do not use abbreviations in the titles. Do not make long titles.**
17. **Nomenclature is needed for the papers which have too much abbreviations and scientific variables.**
18. **The French, Spanish, Arabic, Turkish and all other languages from equations and figures should be translated to English.**
19. **At least 40% new content should be added to the journal version of your paper.**
20. The maximal page limit depends on the journal policy, individually.
21. All figures should be drawn clearly with large resolution. Journals may reject for low-quality figures.
22. **There may be special names for each Special Issue in the journal submission panels depending on journals. Therefore we have already put links how to submit your paper below. If regular issue, you can submit paper with standard journal submission.**
23. **After the peer-review process, if your paper is rejected from the journals, you can always submit your paper to J. Energy Systems, which is the official journal of ECRES for a 2nd chance. Please write an e-mail to ekurt52tr@yahoo.com in this regard.**
24. Before the submission of your paper, please check the ithenticate similarity test. If the overall similarity exceeds the limit 10% similarity, the paper would be directly rejected by the journals' editors and no other chance will be given to the author(s) to re-submit it. That is a critical information. Please obey it.
25. The single paper similarity must not exceed the limit 5%. Otherwise, the paper will be directly rejected by the journal editor and no other chance will be given to the author(s) to re-submit it. Please obey it.
26. We are not responsible to check the papers via ithenticate. Each author must do it, individually.

**A) Journal of Energy Systems (SCOPUS, submit to regular issue via journal panel – www.dergipark.org.tr/jes , mention about short form ECRES 2023 in cover letter )**

**1.** Metal-Halide Perovskites: A wonder semiconductor class for solar cells and optoelectronic applications, Filippo de Angelis
**2.** ID66 A technical review of LiFePo4 technologies for local energy communities, Vargas Vázquez Laura
**3.** ID75 3D-printable Chipless RFID for Environmental Sensing, Valentin Paccoia
**4.** ID76 The Impact of Generative Artificial Intelligence on Distribution Planning Platform, Panitarn Chongfuangprinya
**5.** ID112 Foamed PLA Cantilevers for Energy Harvesting: Investigating Energy Loss Mechanisms in Low-Vacuum Conditions, Igor Neri
**6.** ID2 Integration of Renewable Energy Sources for Enhanced Energy Efficiency in Refrigerated Cheese Ripening Chambers: Insights from the CASEUS Project, João Garcia
**7.** ID64 Experimental and numerical study of a double slope solar still for brine water or sea water treatment in remote area, Serigne Thiao, Awa Mar, Omar Drame, Issakha Youm
**8.** ID67 The renewable energy sources (RES) efficiency energy technologies: A proposal for the city of Ioannina, Greece, Georgia Cheirchanteri, Spyridoula Tzortzi, Demitrios Panagiotakopoulos
**9.** ID68 Assessing the potential of small and medium-sized enterprises in Thailand's manufacturing sector to engage in carbon market mechanisms, Pana Suttakul
**10.** ID101 Experimental Study of an Origami Wind Turbine Concept, Ahmad Sedaghat, Bassem Djedi
**11.** ID106 Neural Networks for Load Estimation in Wind Turbines Tower, Eduardo Muñoz-Palomeque
**12.** ID118 Optimal location and size of the hybrid PVDG and DSTATCOM integration in electrical distribution systems using VAS-PSO algorithm, Youcef Kachaou, Manel BIDI, Ishak Aloui
**13.** ID149 Energy Optimization of Robotic Manipulator Trajectories Using Lagrange interpolating polynomials, Acera Ciriano, Álvaro ; Zulueta, Ekaitz ; Inziarte-Hidalgo, Ibai ; Cantera, Maria Asun ; Etxeberria-Berrizbeitia, Saioa ; Lopez-Guede, Jose Manuel
**14.** ID71 Mathematical modelling and experimental simulation of an AEM electrolyzer system, Alberto Monterroso Muñoz, Eduardo Manuel López González, Miguel Ángel Ridao Carlini, Diego Tejada Guzmán, Adrián Castro Calero
**15.** ID 113 Self-Powered Sensors for Wireless Biological Temperature Monitoring, Giacomo Clementi, Igor Neri, Alessandro Di Michele
**16.** ID21 Ship decarbonisation technology selection using TOPSIS, Bill Karakostas
**17.** ID108 A New Approach for Optimal Phasor Measurement Units Placement, Rajmonda Bualoti
**18.** ID117 Low-Carbon Public Transport in the Eastern Economic Corridor (EEC) of Thailand: Evaluating the Feasibility of Battery-Electric Buses for GHG Mitigation, Pana Suttakul
**19.** ID120 A Novel Hilbert Antenna for THz Applications, Kayhan Celik, Erol Kurt
**20.** ID121 Smart Wheelchair Control for People with Reduced Mobility, Iñigo Aramendia, Josean Ramos-Hernanz, Daniel Teso-Fz-Betoño
**21.** ID122 Eco-Driven Remote Control Systems: A Low-Cost Solution for Internal Mail Delivery at Universities, Jose Manuel Lopez-Guede
**22.** ID124 Proposals for the creation of energy communities: Regulatory Support, Quizhpi, Flavio; Montaño, Hector; Muñoz, José
**23.** ID128 Evaluating Greenhouse Gas Emissions and the Potential Policies for Promoting Battery-Electric Trucks in Thailand's Eastern Economic Corridor, Witsarut Duangchinda, Pantip Kayee, Suvit Toraninpanich, Itthidet Thawon

**24.** ID129 Real-Time Object Detection Using Deep Learning on Raspberry Pi for IoT-based crowd monitoring and emergency alerts in educational institutions in Smart Cities, Ahmed Alyasiri
**25.** ID132 Total cost assessment of public EV adoption: A case of Chiang Mai red trucks, Pana Suttakul
**26.** ID133 Optimal Placement and Sizing of PV-DG and DSTATCOM in Distribution Networks Using a Hybrid GA-GSO-PSO Algorithm, Ishak Aloui, Youcef Kachaou, Manel Bidi
**27.** ID143 Advancements in Cost-Effective Edge Computing and IoT Integration: Enhancing Photovoltaic Monitoring in Jordan, AlQaryouti, Jafar; Alhamdi, Mustafa J.M ; Rahebi, Javad ; Nunez-Donoso, Felipe A; Caballero-Martin, Daniel ; Lopez-Guede, Jose Manuel
**28.** ID145 Influence of Transverse Riblets on Turbulent Flow Over BackwardFacing Steps, Uralde Guinea, Xabier ; Uriarte, Irati; Parra, Yeray ; Perez, Pablo ; Fernandez-Gamiz, Unai ; Zulueta, Ekaitz; Lopez-Guede, Jose Manuel
**29.** ID148 Study of the DWA algorithm of an Autonomous Mobile Robot, Peña-Ceballos, Javier ; Zulueta, Ekaitz ; Rodriguez-Guerra, Jorge ; Cantera, Maria Asun ; Fernandez-Gamiz, Unai ; Lopez-Guede, Jose Manuel
**30.** ID150 Experimental Design and Data Preprocessing for Predicting Energy Consumption in Industrial Mobile Robots, Rico-Melgosa, Danel ; Zulueta, Ekaitz ; Rodriguez-Guerra, Jorge ; Inziarte-Hidalgo, Ibai ; Cadena, Mishell ; Bernardini, Ángela ; Lopez-Guede, Jose Manuel

**B) PROCEESES (SCI, SCOPUS , to submit your selected paper, you can select** Special Issue "Advances in the Modeling, Optimization and Control of Renewable Energy Systems **via https://www.mdpi.com/journal/processes/special_issues**

**1.** ID3 Solar, Wind and Tidal Energy in a $CO_2$ Refrigeration System for Sustainable Fish Cold Storage Solutions, Arian Semedo, João Garcia (20% discount)
**2.** ID62 Ignition delay time of ammonia hydrogen mixtures predicted with machine learning, George Klepp (10% discount)
**3.** ID63 Analysis of photovoltaic thermal (PVT) system with composite based absorber, Goel, Anubhav; Ghiassi-Farrokhfal, Yashar (100% discount)
**4.** ID69 Analysis of S-shaped profiles for tidal turbines, Klepp, Georg; Filippi, Markus; Friedrichs, Jen (100% discount)
**5.** ID70 Design and construction of a Multistack PEM electrolyzer, Diego Tejada-Guzmán (100% discount)
**6.** ID72 Application of electric energy storage technologies to be used by small and medium prosumers in smart grids, Rosa M. Rengel Gálvez (100% discount)
**7.** ID73 Effect of Exogenous Inputs in Wind Energy Forecasting with Seasonal Parametric Models, L. R. De la Rosa, Alejandro Gómez, M. Santos, L. García-Pérez (100% discount)
**8.** ID94 First Approximation of Reinforcement Learning Applied to a Wind Turbine Pitch Control, Matilde Santos Peñas (100% discount)
**9.** ID104 Do Capacity Factor of Renewable Energies Accurately Reflect RealWorld Performance?, Mohamd Laimon (20% discount)
**10.** ID107 Impact of Renewable Energy Sources Integration on Albanian Power System Security, Viktor Rrotani (10% discount)

**11.** ID111 Hybrid Energy Harvesting for High-Voltage Power Lines Monitoring, Tinti, Luca; Castellini, Luca; Cottone, Francesco; Neri, Igor; Clementi, Giacomo (100% discount)
**12.** ID116 Assessing Carbon Emission Reductions from Replacing Chiang Mai's Red Truck Taxis with Battery Electric Vehicles, Pana Suttakul (20% discount)
**13.** ID123 Improving IoT Device Energy Efficiency Through Adaptive NeuroFuzzy Inference Systems, Teso-Fz-Betoño, Daniel ; Aramendia, Iñigo ; Ramos Hernanz, Jose Antonio; Portal-Porras, Koldo ; Caballero-Martin, Daniel ; Lopez-Guede, Jose Manuel (100% discount)
**14.** ID125 Decarbonisation and Meeting Future Euro Targets Using Hydrogen Fumigated Engines, Angad Panesar (20% discount)
**15.** ID127 Proposal for renewable energy systems for isolated residential houses, Deivis Avila Prats (100% discount)
**16.** ID134 A Lithium battery charger system design by using a piezoelectric wind energy harvester, Davut Özhan, Erol Kurt (100% discount)
**17.** ID137 Implementation in MATLAB of a library of VRFBs models, Ispas-Gil, Decebal Aitor; Zulueta, Ekaitz ; Olarte, Javier ; Zulueta-Perez, Mikel ; Fernandez-Gamiz, Unai ; Lopez-Guede, Jose Manuel (100% discount)
**18.** ID138 A comparison of serpentine, parallel, spiral, and pin type flow field designs in a PEM electrolyzer using CFD simulation, Echazarra-Gonzalez, Oier ; Martinez-Lopez, Joseba ; Fernandez-Gamiz, Unai ; Beloki-Arrondo, Aitor ; Ortega-Fernandez, Iñigo ; Lopez-Guede, Jose Manuel (100% discount)
**19.** ID139 Drone Charging Methods and Energy Efficiency: A Review, Caballero-Martin, Daniel ; Satama-Bermeo, Geovanny Daniel ; Teso-Fz-Betoño, Daniel ; Zulueta, Ekaitz ; Fernandez-Gamiz, Unai ; Lopez-Guede, Jose Manuel (100% discount)
**20.** ID140 A Brief Review of Energy Optimization in Autonomous Drones using Q-Learning: Initial Results, Satama-Bermeo, Geovanny Daniel; Affou, Hicham; Aramendia, Iñigo; Alhamdi, Mustafa J.M ; Fernandez-Gamiz, Unai ; Lopez-Guede, Jose Manuel (100% discount)
**21.** ID141 Artificial Intelligence and Optimization in Energy Management Strategy for Plug-in Hybrid Electric Vehicles, Affou, Hicham ; Estevez, Julian ; Ramos-Hernanz, Josean ; Satama-Bermeo, Geovanny Daniel ; Zulueta, Ekaitz ; Lopez-Guede, Jose Manuel (100% discount)
**22.** ID142 The Role of Deep Learning in Reducing Power Consumption within Smart Energy Management, ALHAMDI, Mustafa J.M ; RAHEEM , Hasan I.; DARA, Omer A.; Ramos-Hernanz, Josean ; Zulueta, Ekaitz ; Lopez-Guede, Jose Manuel (100% discount)
**23.** ID144 A Framework for Optimal Energy Vectors GenerationTransformation-Distribution through Metaheuristic Perspective, Gonzalez-Gonzalez, Asier ; Pedrero Alegría, Juan ; Olabarrieta Palacios, Ignacio ; Lopez-Guede, Jose Manuel (100% discount)
**24.** ID146 Quantifying the Electrical Load of Electric Vehicle Chargers within Power Distribution Networks, Nunez-Donoso, Felipe A.; Portal-Porras, Koldo ; Del Valle, Javier ; AlQaryouti, Jafar ; Lopez-Guede, Jose Manuel (100% discount)
**25.** ID 147 Enhancing Oil Consumption Monitoring: Soft Sensor Model for Natural Gas Power Generation Engines with Active Pre-chamber, Javier Del Valle, Julian Estevez, Felipe A. Nunez-Donoso, Jose Manuel Lopez-Guede(100% discount)

## C) JOM (SCI, SCOPUS read below)

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum. While uploading your file in the submission panel of JOM, you should select topical issue "Energy Materials: Production and Characterization (By Invitation Only) by Prof Dr erol KURT, Prof. Shadia Ikhmayies – E-mail: shadia_ikhmayies@yahoo.com)
The link for topical issue:
https://www.tms.org/portal/PUBLICATIONS/Journals/JOM/JOM_Editorial_Calendar/JOM_Topic_Details/portal/Publications/Journals/JOM/JOM_Topic_Details.aspx?hkey=7bed9197-a2af-479c-ad3c-d180312e14fe&topicID=7649
You can submit the extended paper till 01 September 2025.

**1.** Ilenia Rossetti, Solar fuels from the photocatalytic reduction of $CO_2$
**2.** ID136 Application of the distribution of relaxation times (DRT) in Lithium Iron Phosphate (LFP) battery analysis Isabel Aguilar-Conde, Ekaitz ZuluetaGuerrero, Javier Olarte, Alba Saenz, Jose Manuel Lopez-Guede, Unai FernandezGamiz
**3.** ID 22 Biohydrogen generation potential of anaerobic sludges, Dolores Hidalgo
**4.** ID65 Hybridization of water electrolysis and biomass gasification for renewable hydrogen production, Eduardo López González, Diego Tejada Guzmán, Adrián Castro Calero, Alberto Moterroso Muñoz, Bruna Rijo, Cecilia Mateos-Pedrero, Paulo Brito
**5.** ID126 Electrical response of a new energy harvesting device based on multilayer PVDF films, Hamdi Ezzin, Silvia Monchetti, Roberto Brighent
**6.** ID135 Fifth generation of biomass feedstocks to produce cleaner and more efficient energy, Ernesto Hernandez, Teodoro EspinosaSolares, Félix Rafael Ramírez-Arpide
**7.** ID103 The effect of solvents and annealing on the optical properties of schiff bases for potential applications in organic solar cells, Alaa Mahmoud
**8.** ID105 Synthesis and Characteristics of New Schiff Base for Organic Solar Cell Applications, Huda Al-Ghamdi
**9.** ID114, Investigation of structural, electronic, elastic, and optical properties of RbGaBr3 perovskite using first-principles methods, Gülçin Çorbacı, Yasemin Öztekin Çiftçi
**10.** ID119 Transport properties of half-Heusler LiYB semiconductors via ab-initio calculations, Yasemin Öztekin Çiftci
**11.** Sodium Doped Cadmium Telluride (CdTe:Na) Thin Films Prepared by the Spray Pyrolysis Method, Shadia Ikhmayies
**12.** ZnO Micro Cauliflowers on Aluminum Substrates, Shadia Ikhmayies
**13.** Driving sustainability: Integrating hydrogen production and wastewater treatment via advanced noble metals-free electrodes, Claudia BIANCHI
**14.** Graphene Material Based a Novel Hilbert Fractal Antenna for THz Applications, Kayhan Çelik, Erol Kurt