

**List of Reviewers**  
(as per the published articles)  
Year: 2021

**Journal of Energy Research and Reviews**

ISSN: 2581-8368

**2021 - Volume 7 [Issue 1]**

**Evaluation of Biogas Production through Anaerobic Digestion of Aquatic Macrophytes in a Brazilian Reservoir**

DOI: [10.9734/JENRR/2021/v7i130180](https://doi.org/10.9734/JENRR/2021/v7i130180)

- (1) C. Vijayanand, Tamil Nadu Agricultural University, India.
  - (2) Otto Corrêa Rotunno Filho, Federal University of Rio de Janeiro, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64317>

**Characterisation of Wastewater and Treatment Efficiency of Biogas Plants: Effluent Discharge Quality**

DOI: [10.9734/JENRR/2021/v7i130181](https://doi.org/10.9734/JENRR/2021/v7i130181)

- (1) Nur Hasyareeda Binti Hassan, Universiti Kebangsaan Malaysia (UKM), Malaysia.
  - (2) Murthy S.S.S. Chavali, Shree Velagapudi Ramakrishna Memorial College (SVRMC), India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64015>

**Reliability Analysis of Boost Converters Connected to a Solar Panel Using a Markov Approach**

DOI: [10.9734/JENRR/2021/v7i130182](https://doi.org/10.9734/JENRR/2021/v7i130182)

- (1) Doston Khasanov Turayevich, Tashkent University of Information Technologies named after Muhammad al-Khwarizmi (TUIT), Uzbekistan.
  - (2) R. Sujatha, SSN College of Engineering, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64839>

**The Impact of Coolant Temperatures on Various Cycle Parameters of NH<sub>3</sub>-H<sub>2</sub>O Absorption Chiller from Solar Source**

DOI: [10.9734/JENRR/2021/v7i130183](https://doi.org/10.9734/JENRR/2021/v7i130183)

- (1) DebrayanBravo Hidalgo, Sharing Knowledge Group (SKG), Ecuador.
  - (2) K. Kanimozhi, Sethu Institute of Technology, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65029>

**Hydropower Potential in near Future Climate over Burundi (East Africa) : A Case study of Rwegura Catchment**

DOI: [10.9734/JENRR/2021/v7i130184](https://doi.org/10.9734/JENRR/2021/v7i130184)

- (1) Emanuele Quaranta, European Commission Joint Research Centre, Italy.
  - (2) Florina Scarlatache, Technical University Gheorghe Asachi of Iasi, Romania.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65052>

**2021 - Volume 7 [Issue 2]**

**The Study of Electrical Energy Consumption in Cascaded Pumps for Pipeline Operations**

DOI: [10.9734/JENRR/2021/v7i230189](https://doi.org/10.9734/JENRR/2021/v7i230189)

- (1) Gheorghe Grigoras, "Gheorghe Asachi" Technical University of Iasi, Romania.
  - (2) Soner Top, Abdullah Gül University, Turkey.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66624>

**Processing of Wild Sunflower with Different Moisture Contents into Solid Bio Fuel**

DOI: [10.9734/JENRR/2021/v7i230185](https://doi.org/10.9734/JENRR/2021/v7i230185)

- (1) Lingesan Subramani, Bharath University, India.
  - (2) Sunita Kumari, Deenbandhu Chhotu Ram University of Science and Technology, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65762>

**A Cost Model for PV Based Renewable Energy Projects**

DOI: [10.9734/JENRR/2021/v7i230186](https://doi.org/10.9734/JENRR/2021/v7i230186)

- (1) T. V. Christy, Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) Deemed University, India.
  - (2) Dmitriy Beznosko, Clayton State University, USA.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66019>

**Experimental Determination and Modeling of Desorption Isotherms of the Tomato "Lycopersicum esculentum"**

DOI: [10.9734/JENRR/2021/v7i230187](https://doi.org/10.9734/JENRR/2021/v7i230187)

- (1) Burçin YILMAZ, Yozgat Bozok University, Turkey.
  - (2) Luz Marina Zapata, Universidad Nacional De Entre Ríos, Argentina.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66628>

**Framework of Sustainable Energy Development in a Bereft Power Supply Economy of Nigeria**

DOI: [10.9734/JENRR/2021/v7i230188](https://doi.org/10.9734/JENRR/2021/v7i230188)

- (1) Dejan Ivic, University of Belgrade, Serbia.
  - (2) Mohamed Waleed Yehia, Port Said University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65344>

**2021 - Volume 7 [Issue 3]**

**Fuels for Automobiles: The Sustainable Future**

DOI: [10.9734/JENRR/2021/v7i330191](https://doi.org/10.9734/JENRR/2021/v7i330191)

- (1) Gabriella Di Filippo, University of Palermo, Italy.
  - (2) Wei-Chiang Hong, Jiangsu Normal University, China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/67311>

**Characterization and Ranking of Various Mix Ratios of Cow, Pig and Sheep Manure**

DOI: [10.9734/JENRR/2021/v7i330190](https://doi.org/10.9734/JENRR/2021/v7i330190)

- (1) Noraniza Yusoff, Universiti Utara Malaysia, Malaysia.
  - (2) Siti Roshayu binti Hassan, Universiti Malaysia, Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65493>

**Reliability Analysis of a Home-scale Microgrid Based on a Threshold System**

DOI: [10.9734/JENRR/2021/v7i330192](https://doi.org/10.9734/JENRR/2021/v7i330192)

- (1) Stephen Nduubuisi Nnamchi, Kampala International University, Uganda.
  - (2) M Karthigai Pandian, Sri Krishna College of Technology, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/67300>

**Approaching an Efficient and Feasible Carnot Engine by Carnot Cycle Analysis**

DOI: 10.9734/JENRR/2021/v7i330193

(1) Vedran Mrzljak, University of Rijeka, Croatia.

(2) Ti-Wei Xue, Tsinghua University, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67379>

**Energy, Exergy and Environmental Compatibility Analyses of LPG and Household Kerosene Utilisations as Domestic Fuels in Nigeria: 1980 – 2019**

DOI: 10.9734/JENRR/2021/v7i330194

(1) V. Raghavan, IIT Madras, India.

(2) Bingdong Hou, Beijing Wuzi University, China.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67464>

**2021 - Volume 7 [Issue 4]**

**Estimation of Hourly Clearness Index and Diffuse Fraction Over Coastal and Sahel Regions of Nigeria Using NCEP/NCAR Satellite Data**

DOI: 10.9734/JENRR/2021/v7i430195

(1) Ananth S. Iyengar, M. S. Ramaiah University of Applied Sciences, India.

(2) Prof. Md Moyeed Abrar, Khaja Bandanawaz University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/65274>

**Experimental Study of the Thermal Behavior of a Watercress Planted Roofed Cubic Cell to be Watered with Domestic Wastewater**

DOI: 10.9734/JENRR/2021/v7i430196

(1) Marta Roncone, Roma Tre University, Italy.

(2) Sapna Raghav, Gurugram University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67428>

**Design and Modelling of PV Power Plant for Rural Electrification in Kayonza, Rwanda**

DOI: 10.9734/JENRR/2021/v7i430197

(1) Mikias Hailu Kebede, Debre Berhan University, Ethiopia.

(2) Jamal Faraji, University of Kashan, Iran.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67818>

**Investigating Road Pavement Failure in Oworonshoki, Kosofe Area of Lagos, Using Geophysical and Geotechnical Methods**

DOI: 10.9734/JENRR/2021/v7i430198

(1) Febrian Dedi Sastrawan, Institut Teknologi Kalimantan, Indonesia.

(2) Ardian Novianto, University Pembangunan Nasional "Veteran" Yogyakarta, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/68141>

**Utilization of *Annona senegalensis* as a Sorbent for THE Removal of Crude Oil from Aqueous Media**

DOI: 10.9734/JENRR/2021/v7i430199

(1) Adel Sharif, Hamadi University of Technology, Iraq.

(2) Tahseen Hameed Khlaif, University of Kerbala, Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/67854>

**2021 - Volume 8 [Issue 1]**

**An Approach of the Hydropower: Advantages and Impacts. A Review**

DOI: 10.9734/JENRR/2021/v8i130201

(1) Zablodskiy Mykola, National University of Life and Environmental Sciences of Ukraine, Ukraine.

(2) Yagya Dutta Dwivedi, Institute of Aeronautical Engineering, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69909>

**Energy Security and Nigeria's Sustainable Development: SDG 2030 (7)**

DOI: 10.9734/JENRR/2021/v8i130204

(1) Marius M. Motocu, Bogdan Voda University, România.

(2) Oluwatoyin A. Matthew, Covenant University, Nigeria.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70478>

**Performance Evaluation of 780 Wp Rooftop Solar PV Power Backup System in Western Kenya**

DOI: 10.9734/JENRR/2021/v8i130200

(1) Madhu Palati, BMS Institute of Technology, India.

(2) Mudide Ramprasad, sumathireddy institute of technology for women, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69982>

**A Comparison of Generalized Unified Power Flow Controller and Load Tap Changing Transformer for Voltage Stability Enhancement in a Power System**

DOI: 10.9734/JENRR/2021/v8i130202

(1) Mahyar Abasi, Shahid Chamran University of Ahvaz, Iran.

(2) Sathyanarayana P, Visveshwaraya Technological University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/69664>

**Design of Grid-connected and Stand-alone Photovoltaic Systems for Residential Energy Usage: A Technical Analysis**

DOI: 10.9734/JENRR/2021/v8i130203

(1) Guruswamy Revana, India.

(2) A. Sivakumar, Anna University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/70169>

**2021 - Volume 8 [Issue 2]**

**Modeling Renewable Electricity Generation for Northern Cyprus (TRNC)**

DOI: 10.9734/JENRR/2021/v8i230205

(1) Antti Karhunen, LUT University, Finland.

(2) Ishardita Pambudi Tama, Universitas Brawijaya, Indonesia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71318>

**Availability of Renewable Energy Sources in Mauritania: Potential, Current Status and Mitigation Potential**

DOI: 10.9734/JENRR/2021/v8i230206

(1) Yagya Dutta Dwivedi, Institute of Aeronautical Engineering, India.

(2) Adefarati Oloruntoba, China University of Petroleum, Beijing, China.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/70836>

**Influence of the Socio-Economic Profile of the Head of Household on Domestic Energy Use for Cooking in the City of Uíge, Angola**

DOI: 10.9734/JENRR/2021/v8i230207

(1) Mikidadu Mohammed, Austin College, U.S.A.

(2) Elizabeth Gingerich, Valparaiso University, USA.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/71183>

**On Linear and Non-Linear Approximation In the Theory of Convective Heat Transfer**

DOI: 10.9734/JENRR/2021/v8i230208

(1) Muhammad Tamoor, University of Chinese Academy of Sciences, China.

(2) Hina Gul, Bahria University, Pakistan.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72510>

**Design and Cost Analysis of an Off-grid Solar Grain Mill**

DOI: 10.9734/JENRR/2021/v8i230209

(1) Manoel Antonio da Fonseca Costa Filho, Rio de Janeiro State University, Brazil.

(2) Denizar Cruz Martins, Federal University of Santa Catarina, Brazil.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72323>

**2021 - Volume 8 [Issue 3]**

**Spatial Evaluation of Health Risk due to Inhalation of PM2.5 Pollutants in the Metropolitan Areas of Toluca Valley and Mexico Valley**

DOI: 10.9734/JENRR/2021/v8i330210

(1) Reginaldo Geremias, Federal University of Santa Catarina, Brazil.

(2) JK Bwapwa, Mangosuthu university of technology, South Africa.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72575>

**Optimal Placement of Capacitor Bank on Ondo 132/33KV Transmission Substation**

DOI: 10.9734/JENRR/2021/v8i330211

(1) Bibhu Prasad Ganthia, Indira Gandhi Institute Of Technology, India.

(2) Omar Abu Hassan, Universiti TunHussein Onn Malaysia, Malaysia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73239>

**Bioethanol Production and Proximate Composition of Waste Potatoes**

DOI: 10.9734/JENRR/2021/v8i330212

(1) Muryanto, Indonesian Institute of Sciences, Indonesia.

(2) Marco César Prado Soares, University of Campinas, Brazil.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73592>

**Experimental Investigation of Heat Losses from a Heat Pipe Based Parabolic Trough Collector used for Direct Steam Generation**

DOI: 10.9734/JENRR/2021/v8i330213

(1) Kuber Singh Mehra, Birla Institute Of Applied Sciences, India.

(2) Surendra Poonia, ICAR-Central Arid Zone Research Institute, India.

(3) Gurumurthy.B.R, Federal TVET Institute, Ethiopia.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/61709>

**Modeling the Chance of Commerciality of Petroleum Assets for Economic Development**

DOI: 10.9734/JENRR/2021/v8i330214

(1) Iskandar Muda, Universitas Sumatera Utara, Indonesia.

(2) Goshasp Cheraghian, Technical University of Braunschweig, Germany.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/73298>

**2021 - Volume 9 [Issue 1]**

**A Critical Review on Electric Power Sector for Sustainable Energy Development in Nigeria**

DOI: 10.9734/JENRR/2021/v9i130221

(1) Nnawuikwe Nze-Esiaga, Nigerian Electricity Management Agency, Nigeria.

(2) Taiwo Ajayi, University of Strathclyde, Glasgow.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/72015>

**Physicochemical Potential of Balanites aegyptiaca Seed Kernel Oil from Northern Cameroon for Biodiesel valorization**

DOI: 10.9734/JENRR/2021/v9i130222

(1) M. R. Dhanraj, Manipal Academy of Higher Education, India.

(2) Fasakin Adeyinka Olubunmi, Ekiti State University, Nigeria.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/75578>

**Investigating of Flow Field and Power Performance on a Straight-blade Vertical Axis Wind Turbine with CFD Simulation**

DOI: 10.9734/JENRR/2021/v9i130223

(1) Jaliu Codruta, Transilvania University, Romania.

(2) S. Sathish Kumar, Anna University, India.

(3) Akeel M. Kadim, Al Karkh University of Science, Iraq.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/75729>

**Characterization of Coconut Shell Activated Carbon Catalyst for the Pyrolysis of Waste Sac Bags into Liquid Hydrocarbon Fuels**

DOI: 10.9734/JENRR/2021/v9i130224

(1) Deacha Chatsiriwech, Chulalongkorn University, Thailand.

(2) Moises Meza Pariona, State University of Ponta Grossa, Brazil.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/76284>

**Study of the Behavior of Air Parcels, using PIXE, Hysplit and Wind Rose in the Metropolitan Zone of Toluca Valley, Mexico**

DOI: 10.9734/JENRR/2021/v9i130225

(1) Hilario Becerril Hernandez, Colegio de Postgraduados, Mexico.

(2) Bankole Adebajji, Ekiti State University, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/75258>

**2021 - Volume 9 [Issue 2]**

**Design Aspects of Small-Hydropower Plant**

DOI: 10.9734/JENRR/2021/v9i230226

(1) Bin Sun, Hitachi Energy, USA.

(2) Safanah Mudheher Raafat, University of Technology, Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/75955>

**Energy Performance Analysis of Convective Drying of Sorghum Gruel Residue**

DOI: 10.9734/JENRR/2021/v9i230227

(1) Sunil Baloda, Govt. Polytechnic Chhapar, India.

(2) Tamer El-Sisy, Agriculture Research Center, Egypt.

Complete Peer review History: <https://www.sdiarticle4.com/review-history/76842>

**Study of the Effect of Process Parameters on the Yield of Fermentable Sugar from Tuber Peels Via Acid and Enzyme Hydrolysis**

DOI: 10.9734/JENRR/2021/v9i230228

- (1)ChinyereConstance, Chukwuemeka Odumegwu Ojukwu University, Nigeria.
  - (2)Tejeswara Rao Voonna, MVR P.G College, India.
  - (3)Narasimha Kumar Kopparapu, Southwest University, China.
- Complete Peer review History :<https://www.sdiarticle5.com/review-history/77749>

**Comparative Analysis of the Effects of Monovalent and Divalent Ions on Imported Biopolymer-Xanthan Gum and Locally Formulated Biopolymers-Gum Arabic and Terminalia Mantaly**

DOI: 10.9734/JENRR/2021/v9i230229

- (1)Martin Masuelli, UNSL, Argentina.
  - (2)M M V Baig, Yeshwant Mahavidyalaya, India.
  - (3)AouintiLeila, University of science and Technoloy Mohamed Boudiaf, Algeria.
- Complete Peer review History:<https://www.sdiarticle5.com/review-history/78165>

**Prospects and Challenges of Geothermal Energy in Uganda**

DOI: 10.9734/JENRR/2021/v9i230230

- (1) Azaroual Meryeme, Mohammed V University in Rabat, Morocco.
  - (2)Alfonso Aragón-Aguilar, Instituto Nacional de Electricidad y Energías Limpias, México.
- Complete Peer review History:<https://www.sdiarticle5.com/review-history/77317>

**2021 - Volume 9 [Issue 3]**

**Optimization of Hybrid Wind and Solar Power Generator at Izazi, Tanzania**

DOI: 10.9734/JENRR/2021/v9i330232

- (1) Omidreza Saadatian, USA.
  - (2)Habtemariam Aberie Kefale, Bahir Dar Institute of Technology, Ethiopia.
- Complete Peer review History :<https://www.sdiarticle5.com/review-history/73777>

**Assessment of Hazard and Risk Related Activities at Npdc-Ogini Oil Field Flow Station, Okpale in Isoko North, Delta State, Nigeria**

DOI: 10.9734/JENRR/2021/v9i330233

- (1) Mohammad Bazvand, Sahand University of Technology, Iran.
  - (2)Khalid Farhod Chasib, University of Thi-Qar, Iraq.
- Complete Peer review History:<https://www.sdiarticle5.com/review-history/78355>

**Evaluating the Effectiveness of Red Onion Skin Extract Derivatives as Oilfield Scale Inhibitors**

DOI: 10.9734/JENRR/2021/v9i330234

- (1) Mian Muhammad, University of Malakand, Pakistan.
  - (2)Mihai Todica, Babes-Bolyai University, Romania.
- Complete Peer review History :<https://www.sdiarticle5.com/review-history/80666>

**The Role of Alkaline/alkaline Earth Metal Oxides in CO<sub>2</sub> Capture: A Concise Review**

DOI: 10.9734/JENRR/2021/v9i330235

- (1) Y.D.Dwivedi, Institute of Aeronautical Engineering, India.
  - (2)Meryeme Azaroual, Mohammed V University, Morocco.
- Complete Peer review History :<https://www.sdiarticle5.com/review-history/80871>

**Comparative Evaluation of the Rheological and Proppant Handling Capability of Detarium microcarpum as a Viscosifier in Hydraulic Fracturing Fluid Design**

DOI: 10.9734/JENRR/2021/v9i330236

- (1) Robson Fernandes De Farias, Universidade Deferal Do Rio Grande Do Norte, Brazil.
  - (2)Noureddine Ouerfelli, University of Tunis El Manar, Tunisia.
- Complete Peer review History:<https://www.sdiarticle5.com/review-history/81080>

**2021 - Volume 9 [Issue 4]**

**Sustainable Energy Analysis of Nigerian Road Transportation Sector: Benchmarking against Global Trends**

DOI: 10.9734/jenrr/2021/v9i430238

- (1) John Isa, The Federal University Of Technology, Akure, Nigeria.
  - (2) Amer Khaled Massad, An- Najah National University, Palestine.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/79560>

**Effects of Temperature, Pressure and Physico-Chemical Characteristics on the Atomization and Disintegration of Jatropha Oil and its Formulations**

DOI: 10.9734/jenrr/2021/v9i430239

- (1) Sushanth H Gowda, Visvesvaraya Technological University (VTU), India.
  - (2) Naveenkumar.M, Kongu Engineering College, India.
- Complete Peer review History: <https://www.sdiarticle5.com/review-history/82019>

**Overview of Opportunities and Challenges of Solar Photovoltaic Promotion in Uganda**

DOI: 10.9734/jenrr/2021/v9i430240

- (1) Ayong Hiendro, Tanjungpura University, Indonesia.
  - (2) Mothi Kumar. K E, Haryana Space Applications Centre (HARSAC), India.
- Complete Peer review History:<https://www.sdiarticle5.com/review-history/81588>

**Multivariate Statistical Modeling of Crude Oil Viscosity and Mole Percent Components for Reservoir Fluids**

DOI: 10.9734/jenrr/2021/v9i430241

- (1) Muhammad Taufiq Fathaddin, Universitas Trisakti, Indonesia.
  - (2) Kadhim F. Alsultani, Babylon University, Iraq.
- Complete Peer review History:<https://www.sdiarticle5.com/review-history/82463>

**Determination of Yearly Performance and Degradation Rate of Electrical Parameters of a Monocrystalline Photovoltaic Modules in Minna, Central Nigeria**

DOI: 10.9734/jenrr/2021/v9i430242

- (1) Ibtisam A. Hasan, University Of Technology, Iraq.
  - (2) Rodney H.G. Tan, UCSI University, Malaysia.
- Complete Peer review History:<https://www.sdiarticle5.com/review-history/80655>