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## FOREWORD

This edition of the International Journal of Research & Technopreneurial Innovations stands as a beacon of intellectual exploration, offering a platform for Scholars, Researchers, and Innovators to disseminate their findings and contribute to the global dialogue on Sustainable Development.

As we embark on this journey through the pages of this journal, we immerse ourselves in a diverse and vibrant tapestry of research and innovations, each thread woven with the aim of addressing the most pressing challenges of our time. The theme of this volume, "**Research and Technopreneurial Innovations for Sustainable Development**," encapsulates the ethos that underpins the scholarly endeavors within these pages. From the exploration of green energy systems to advancements in healthcare, from the development of sustainable business practices to pioneering societal innovations, each article represents a vital contribution to the collective pursuit of a more sustainable and equitable world.

I extend my heartfelt appreciation to the authors whose unwavering dedication and expertise have enriched the pages of this journal. Their commitment to excellence is palpable, evident in the depth and breadth of their contributions. I also wish to extend my gratitude to the dedicated editorial team and reviewers whose meticulous evaluation ensures the quality and integrity of the research presented in this journal. Their rigorous scrutiny and constructive feedback are indispensable in upholding the high standards for which the International Journal of Research & Technopreneurial Innovations is renowned. To the readers, I extend a warm invitation to engage deeply with the articles presented in this volume. May they serve as catalysts for curiosity, inspiration, and dialogue within your respective fields. It is through the exchange of ideas and knowledge that we can effect meaningful change in the world. As you peruse these pages, I encourage you to reflect on the potential implications of the research presented and consider how it may inform your own work and contribute to your understanding of the world around us.

In closing, together, let us continue to push the boundaries of knowledge and strive towards a more sustainable and equitable future.

Warm regards.



**Professor Bourdillon O. Omijeh**

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## **INTRODUCTION**

IJRTI is a biannual journal which accepts original manuscripts of researches, reviews, glossaries, notes, short communications, advertisements, etc. for publication under the following thematic areas and related fields.

### **Thematic Areas**

- 1) Technopreneurial Opportunities in Green Energy Systems, Water Conservation and Management
- 2) Combating Global Climate Change, Climate-Smart Practices and Technologies
- 3) Pharmaceutical product formulations, Disease Management and Therapeutic Monitoring
- 4) Agriculture and Food Security
- 5) Green Initiatives for Natural Resources and Industrial Processes
- 6) Innovative Solutions for Tourism, Transportation and Hospitality Management
- 7) Entrepreneurship in Household Products, Fashion, Cosmetics, etc.
- 8) Innovations in Health Care System, Orthodox and Herbal Medicine
- 9) Technopreneurial Advances for Humanities, Theatre Art, Music, Fine Art, Design and Film Industries
- 10) Eco-compatible and Cost-Effective Refining Process of Hydrocarbons
- 11) Innovative Banking, Business and Financial Management, and Circular Economy for Sustainable Development
- 12) Research Innovations for Remediation of Environmental Pollution and Waste Management
- 13) Technopreneurial Development for Security Management and Urban Planning
- 14) Methodological trends for Education, Creativity, Teaching, Instrumentation and Quality Control
- 15) Artificial Intelligence Applications in Research and Technopreneurial Innovations
- 16) Engineering, Science and Construction Technological advances
- 17) Developmental Measures for Information, Communication, Digital Technology and Internet Literacy
- 18) Law, Political and Sociological Advancements for Sustainability
- 19) Geographic Innovation for Social, Environmental and Economic Development
- 20) Computational and Statistical Methods for Big Data Analytics
- 21) Innovative advances in Counselling, Mental Health, Addiction and Rehabilitation

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