



e-ISSN: 2278-067X

Volume 20, Issue 11, Series 2

p-ISSN: 2278-800X

International Journal of Engineering Research and Development (IJERD)

IJERD: Editorial Board

Editorial Board Members:

Dr. H. U. Akay - Purdue University at Indianapolis (IUPUI)

Dr. Martin P. Bendsoe - Technical University of Denmark

Dr. F. Brezzi - University of Pavia, Italy

Dr. M.D. Castellano - University of Zaragoza, Spain

Dr. J. S. Chen - University of California

Dr. A. Combescure - National Institute of Applied Science, France

Dr. J. Fish - Rensselaer Polytechnic Institute

Dr. D. K. Gartling - Engineering Sciences Center, Sandia National Laboratories

Dr. S. Ghosh - Ohio State University

Dr. S. Gopalakrishnan - Indian Institute of Science, India

Dr. I. Harari - Tel Aviv University, Israel

Dr. Ping Hu - Dalian University of Technology, China

Associate Editorial Board Member:

Dr. S. R. Idels hn - Korea Advanced Institute of Science & Technology, Korea

Dr. S. Im - Argentinean Association for Computational Mechanics (AMCA), Santa Fe, Argentina

Dr. Y. Jaluria - Lulea University of Technology

Dr. W. Kanok - Nukulchai - Asian Institute of Technology, Thailand

Dr. Tarun Kant - Indian Institute of Technology, India

Dr. K. M. Liew - City University of Hong Kong, Hong Kong

Dr. L. E. Lindgren - Rutgers, the State University of New Jersey

Dr. H. A. Mang - Technical University of Wien Karlsplatz, Austria

Dr. Shaker A. Meguid – Univ. Politecnica de Catalunya, Spain

Dr. C. A. Mota Soares - University of Toronto, Canada

Dr. S. Mukherjee - National Taiwan University, Taiwan

Dr. E. Onate - Technical University of Lisbon Polo I.S.T., Portugal

Dr. M. Papadrakakis – National Technical University of Athens, Greece

Dr. Glaucio Paulino – University of Illinois at Urbana-Champaign

Dr. Elio Sacco - University of Minnesota University of Cassino, Italy

Dr. B. A. Schrefler - University of Padova, Italy

Dr. K. Tamma - University of Cassino, Italy

Dr. Y. B. Yang - Cornell University

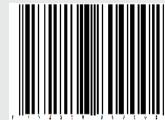
Editor-in-Chief

International Journal of Engineering Research and

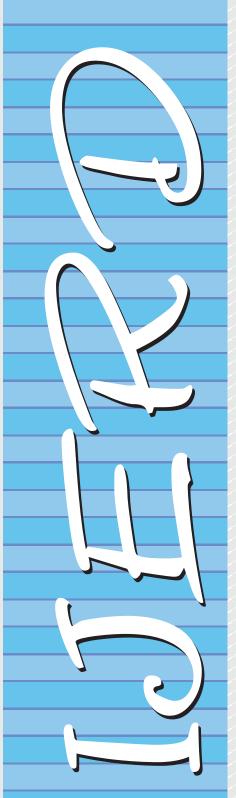
Development(IJERD)

E-mail: ijerd@editormails.com Website: www.ijerd.com









Contents:

Integrating Renewable Energy Solutions into Oil and Gas Operations: A Business Case for Sustainable Profitability	117-132
Integrating Stakeholder Management in Sustainable Project Management: A Pathway to Circular Economy Success	133-149
Strategies for Engaging Stakeholders in Circular Economy Initiatives within Project Management Frameworks	150-168
Sustainability Practices in Project Management: Enhancing Stakeholder Value through Circular Economy Principles	169-183
Redefining Contractor Safety Management in Oil and Gas: A New Process-Driven Model	184-198
The Future of Process Safety in the Oil and Gas Industry: A Human-Centered Approach	199-215
Towards Zero-Incident Offshore Operations: Conceptualizing Advanced Safety Safeguards	216-233
Mitigating Bias in Credit Decisions: Advanced Statistical Methods and Their Applications in Fair Lending	234-240
Real-Time Decision-Making in Financial Services: The Role of Interactive Dashboards and Automated Reporting	241-249
Integrating AI and Real-Time Learning Dashboards for Enhancing STEM Education in Electrical and Electronics Engineering	250-258
Conceptual Framework for Developing Environmentally Sustainable Drilling Fluids in Deepwater Operations	259-267
Revolutionizing High-Pressure, High-Temperature Well Cementing: A Novel Approach to Well Integrity	268-275
A Comprehensive Strategy for Zero-Discharge Waste Management in Offshore Drilling Operations	276-284
Optimizing Drilling Fluid Systems for Extreme Well Conditions: A Multi-Component Approach	285-293
Innovative Brine Solutions for Enhanced Well Completion Operations: A Roadmap for Future Exploration	294-301

Peer Reviewed Refereed Journal