

Managing Editor Board

- ❖ Dr. S.Prakash
Sathyabama University, India
- ❖ Dr. Idris, Musibaudeen Olatunde
The Federal Polytechnic Ede, Osun State, Nigeria
- ❖ Dr. Salah Hamed Ramadan Ali
National Institute for Standards (NIS), Egypt
- ❖ Dr. Mohammad Valipour
University of Tehran, Iran
- ❖ Dr. Abdul Latif Qureshi
Mehran Univ. of Engg. & Tech., Jamshoro, Pakistan
- ❖ Dr. Trouzine Habib
LGCE, Sidi Bel Abbes University, Algeria

International Editorial Board

- ❖ Dr. Said Abdel-Aleem Farag Hawash
National Water Research Center (NWRC), Egypt
- ❖ Dr. S. K. Mangal
PEC University of Technology, India
- ❖ Dr. Rajeshkumar U. Sambhe
Sant Gadge Baba Amravati University, Amravati, India
- ❖ Dr. Aginam, Chukwurah Henry
Nnamdi Azikiwe University Awka, Anambra Nigeria
- ❖ Dr. Pramod Kumar Gupta
IIT Roorkee, India
- ❖ Dr. P.Sivaprakash
Karpagam Institute of Technology, India

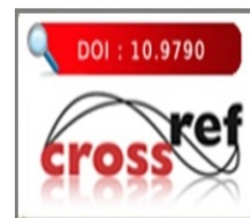
Contact Us

Website URL : www.iosrjournals.org
Email : Support@iosrmail.org



Qatar Office:

IOSR Journals
Salwa Road
Near to KFC and Aziz
Petrol Station,
DOHA, Qatar



India Office:

EHTP, National
Highway 8, Block A,
Sector 34, Gurugram,
Haryana 122001



Australia Office:

43, Ring Road,
Richmond Vic 3121
Australia

New York Office:

8th floor, Straight hub,
NS Road, New York,
NY 10003-9595



IOSR Journals

International Organization
of Scientific Research

e-ISSN : 2278-1684

Volume 23, Issue 5

p-ISSN : 2320-334X

Contents :

Multiscale Chemo-Physical Coupling in Sustainable Ground Improvement: A Review of Micro-Chemical Soil Stabilization and Macro-Dynamic Soil-Structure Interaction for Critical Infrastructure	01-08
Parametric Finite Element Assessment of Stress Concentration and Structural Deformation in A Cylindrical Storage Tank Under Internal Pressure	09-16
Experimental Investigation of Confined Premixed LPG-Air Flame Characteristics under Different Equivalence Ratio	17-23
Design and Structural Performance Evaluation of a Lightweight CFRP-Based UAV Frame Using CAD Modelling and Finite Element Analysis	24-32
Optimization of Quinary Blend Ultra-High Performance Concrete Matrix Using Taguchi Method	33-37
Moisture Resistance and Durability of Hot-Mix Asphalt Concrete Modified with a Blended Quarry Dust-Sugarcane Bagasse Ash Mineral Filler	38-45
Experimental Investigation of Wire EDM Parameters on Material Removal Rate for EN31 Alloy Steel	46-57
Correlating Surface Shear Stress to Realistic Complex Terrain in Neutral Atmospheric Boundary Layers	58-69

Peer Reviewed Refereed Journal