**Record of Publication for 2018 Department of Civil Engineering**

**Books**

|  |  |
| --- | --- |
| **S. No.** | **Book Details** |
| **1** | **Mallick, J.,** Hang, TH., Islam, S., Khan, RA. **(2017)** Geospatial Approach on Landslide Susceptibility Zonation and Geo-design in Semi-arid Mountainous Watershed, Saudi Arabia, Book Chapter: **Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions,** Advance In Science, Technology & Innovation, IEREK Interdisciplinary Series For Sustainable Development, **Springer,** pp.1833-1835, DOI10.1007/978-3-319-70548-4\_531 |
| **2** | Hang, TH., Rahman, A., **Mallick, J.** **(2017)** Satellite-Derived Land Surface Temperature and Landscape Characterization of National Capital Region (NCR), India Using Multispectral and Thermal Data, Book Chapter: **Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions,** Advance in science, technology & innovation, IEREK Interdisciplinary Series For Sustainable Development, **Springer,** pp.1833-1835, DOI10.1007/978-3-319-70548-4\_531 |
| **3** | **Mallick, J.,** Hang, TH**. (2017)**. Landscape Pattern and Dynamics in a Fast Growing City Khamis-Mushyet, Saudi Arabia using Geoinformation Technology, Book Chapter **Geospatial Applications for Natural Resources Management, Taylor & Francis Group,** ISBN 9781138626287 - CAT# K31836 |
| **4** | **Elhag, A. B: New Application in groundwater Science, Second edition, Noor Publication, Germany. 2018** |

**Indexed Journals**

|  |  |
| --- | --- |
| **S. No.** | **Publication References** |
| **1** | Mallick, J., Singh, R.K., Khan, R.A. et al. (2018) Examining the rainfall–topography relationship using non-stationary modelling technique in semi-arid Aseer region, Saudi Arabia. Arab J Geosci (2018) 11: 215. <https://doi.org/10.1007/s12517-018-3580-9> Springer **(Impact factor (ISI): 0.956)** |
| **2** | Mallick, J., Singh, R.K., AlAwadh, M.A. et al. (2018) GIS-based landslide susceptibility evaluation using fuzzy-AHP multi-criteria decision-making techniques in the Abha Watershed, Saudi Arabia. Environ Earth Sci (2018) 77: 276. <https://doi.org/10.1007/s12665-018-7451-1> Springer **(Impact factor (ISI): 1.57)** |
| **3** | Singh, C., Kumar, A., Satyanarayan S., Alok K., Pankaj, K., **Mallick, J. (2017)** Multivariate statistical analysis and geochemical modeling for geochemical assessment of groundwater of Delhi, India **Journal of Geochemical Exploration** 175 59-71 2017 Elsevier **(Impact factor (ISI): 2.46)** |
| **4** | **Mallick, J. (2017)** Hydrogeochemical characteristics and assessment of water quality in the Al-Saad Lake, Abha Saudi Arabia **Applied Water Science** 10.1007/s13201-017-0553-1 Springer-Verlag. (Emerging Sources Citation Index (**ESCI**) in the Web of Science).  |
| **3** | **Sivakumar, Saiful Islam and Roohul Abad Khan,** *Effect of Steel fibre profile on the fracture characteristics of steel fibre reinforced concrete beams*, Springer Publications, ISI Thomson Reuters, (I.F: 0.5) |
| **4** | M. A, Ismaeil, Elhadi, K., Alashker, Y., Yousef, I. (2017/2018*). 'Seismic Analysis and Design of a Multi-Storey Building Located in Haql City, KSA'*, Soft Computing in Civil Engineering, 1(2), pp. 37-50. http://www.jsoftcivil.com/article\_49083.html. |
| **5** |  |

**Non-ISI**

|  |  |
| --- | --- |
| **S. No.** | **Publication References** |
| **1** | Islam, S., Rini A.B.A., **Mallick, J.** **(2017).** Static and Dynamic Analysis of Mansa Devi Hill Landslide Using FLAC3D. **International Journal of Civil Engineering and Technology (IJCIET)**, Vol 8 -11, pp 631-634. **(Scopus)** |
| **2** | EL OUNI M.H., BEN KAHLA N., Saiful islam (2018) Effect of mast configuration on the response of guyed towers. International journal of advanced and innovative research. Vol 7 (5): 1-10. |
| **3** |  |
| **4** |  |
| **5** |  |

**Conferences**

|  |  |
| --- | --- |
| **S. No.** | **Conference Details** |
| 1 | Mallick, J., Hang, TH., Islam, S., Khan, RA. (2017) Geospatial Approach on Landslide Susceptibility Zonation and Geo-design in Semi-arid Mountainous Watershed, Saudi Arabia, 1st Euro-Mediterranean conference for environmental integration 22-25- November 2017, Sousse, Tunisia  |
| 2 | Hang, TH., Rahman, A., Mallick, J. (2017) Satellite-Derived Land Surface Temperature and Landscape Characterization of National Capital Region (NCR), India Using Multispectral and Thermal Data, 1st Euro-Mediterranean conference for environmental integration 22-25- November 2017, Sousse, Tunisia  |
| 3 | Mallick, J., Kahla, NB. (2018) Evaluating the Precipitation-Topography Relationship and Precipitation Gradient Using Non-Stationary Modelling Technique in Aseer Region, Saudi Arabia. 13th Annual Research Day Organised by the Deanship of Scientific Research in Collaboration with the College of Engineering, King Khalid University Research Centre 2nd April 2018 |
| 4 | Ahmed, M., Quraishi, MN., Mallick, J. (2018) Green Siliceous Concrete Materials for Sustainability using an Integrated MCDM Approach. 13th Annual Research Day Organised by the Deanship of Scientific Research in Collaboration with the College of Engineering, King Khalid University Research Centre 2nd April 2018 |
| 5 | Hasan, MA., Ahmed, M., Mallick, J., Singh, RK. (2018) Impact of Hazardous Wastes on Human Health & Preventive Measures for a Sustainable Environment. 13th Annual Research Day Organised by the Deanship of Scientific Research in Collaboration with the College of Engineering, King Khalid University Research Centre 2nd April 2018 |
| **6** | Sivakumar Anandan” Fracture Characteristics and Size Dependent Effects of Steel fibre reinforced Concrete,13th Research day Organized by the Deanship of Scientific Research in Collaboration with College of Engineering Research Center, KKU,KSA, proceeding, pp. 17-23 |
| **7** | EL OUNI M. H., BEN KAHLA N., “Design of a Smart Guyed Mast to Mitigate Earthquakes”. The 13th Annual Research day, King Khalid University, 2nd April 2018, Abha, **KSA**. **(Selected as best paper in the of the 13th Annual Research day).** |
| **8** | Elhag, Ahmed Babeker: Designing a New Water Quality Classification Program, 13th Research Day, King Khalid University, April 2, 2018 Abha, Saudi Arabia. |
| **9** |  |

**Research Projects**

1. M.H. ELOUNI, NBen Kahla and Saiful Islam (2018) “Vibration Control of Smart tower

Cranes” Funded by King Khalid University: 25000 Sar.

2. N. Ben Kahla, M.H. ELOUNI and Rohul Khan (2018), “Passive, Active and Semi-Active

Vibration Control of Tensegrity Structures” Funded by King Khalid University (Co-

Principal Investigator): 27000 sar.