**Publication Details of Faculty in the AY- 2017 - Department of Civil Engineering**

**Books**

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| **S. No.** | **Book Details** |
| **1** | Pushover Analysis of Reinforced Concrete Buildings, ISBN-13:978-3-330-85199-3, ISBN-10: 3330851996, EAN: 9783330851993, Noor Publishing. (2017) |
| **2** | Seismic Capacity Assessment of RC Buildings by Using Pushover Analysis, ISBN-13: 978-3-330-85328-7, ISBN-10: 333085328X, EAN: 9783330853287, Noor Publishing. (2017) |

**Indexed Journals**

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| **S. No.** | **Publication References** |
|  **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 Geo-information Technology, Book Chapter **Geospatial Applications for Natural Resources Management, Taylor & Francis Group** **(In press)** |
| **4** | 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)** |
| **5** | **Mallick, J.** (**2017**) Hydro geochemical characteristics and assessment of water quality in the Al-Saad Lake, Abha Saudi Arabia. **Applied Water Science** pp 1–14, **Springer-Verlag** doi:10.1007/s13201-017-0553-1 **(Impact factor (ISI): under calculation)** |
| **6** | Singh CK, Kumar A, Shashtri S, Kumar A, Kumar P**, Mallick, J. (2017)**. Multivariate statistical analysis and geochemical modeling for geochemical assessment of groundwater of Delhi, India. **Journal of Geochemical Exploration**, **Elsevier,** [Volume 175](http://www.sciencedirect.com/science/journal/03756742/175/supp/C), Pages 59–71. <https://doi.org/10.1016/j.gexplo.2017.01.001>**(Impact factor (ISI): 2.147)** |
| **7** | ATIG M., EL OUNI M.H., BEN KAHLA N. (2017), “Dynamics stability analysis of tensegrity systems”, [European Journal of Environmental and Civil Engineering,](http://www.tandfonline.com/toc/tece20/current)[dx.doi.org/10.1080/19648189.2017.1304275](http://dx.doi.org/10.1080/19648189.2017.1304275) |

**Non-ISI**

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| **S. No.** | **Publication References** |
| **1** | M.N.Qureshi, Singh,R.K and Abul Hasan (2017),“Decision support model to select crop pattern for sustainable agricultural practices using fuzzy MCDM”, “Environmental Development and Sustainabilty”, International Journal Springer 1-19, USA, DOI 10.1007/s10668-016-9903-7 |
| **2** | M. A, Ismaeil, Elhadi, K., Alashker, Y., Yousef, I. (2017). '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. |
| **3** | Ismaeil, M. A., and Sobaih, M.E, (2017) Evaluation of Seismic Performance of Existing RC Buildings in the Sudan by Using Pushover Analysis, 16th WCEE, Chile, January, 2017. Paper No.0 947. |
| **4** | M. A. Ismaiel et.al. (2017) "Seismic Analysis of a Ten-Storey Reinforced Concrete Building in Jazan Area, KSA ". Open Journal of Civil Engineering. http://www.scirp.org/journal/ojce/. |
| **5** | M. A, Ismaeil, Elhadi, K., Alashker, Y., Yousef, I. (2017). 'Seismic Analysis and Design of a Multi-Storey Building Located in Haql City, KSA', Soft Computing in Civil Engineering, 1(2), pp. 37-50 |

**Conference**

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| **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** | Ahmed M, Hasan A, **Mallick J.** (2017). World Green Building Rating Systems: A Comparative Study. **International Conference Cum Exhibition On Building Utilities**, at Department of Mechanical Engineering, Jamia Millia Islamia, New Delhi, India |
| **4** | Ahmed M, Hasan A, **Mallick J.** (2017). World Green Building Rating Systems: A Comparative Study. **International Conference Cum Exhibition On Building Utilities**, at Department of Mechanical Engineering, Jamia Millia Islamia, New Delhi, India |
| **5** | BEN KAHLA N., EL OUNI M. H., “Active tendon control of tensegrity structures”. Keynote-lecture, The 12th Annual Research day, King Khalid University, 27th April 2017, Abha, **KSA**. |
| **6** | EL OUNI M. H., Nizar BEL HADJ ALI, BEN KAHLA N., “Active Vibration Control of a tensegrity bridge”. Poster presentation, The 12th Annual Research day, King Khalid University, 27th April 2017, Abha, **KSA**.  |

**Research grants received**

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| **S. No.** | **Project Grant Title and Sponsor** |
| **1** | **Geoenvironmental Informatics & Remote Sensing (Research group project)** ***Principal Investigator (PI) : Javed Mallick***Sponsor: Deanship of Scientific Research, King Khalid University, Ministry of Higher Education, kingdom of Saudi Arabia |
| **2** | **Hydrological site Investigation report for the Proposed campus KKU, Ahad Rufaida, Aseer Province, Kingdom of Saudi Arabia*****Principal Investigator (PI) : Javed Mallick***Sponsor: King Khalid University, Ministry of Higher Education, kingdom of Saudi Arabia |
| **3** | **Geospatial Approach on Landslide Susceptibility Zonation and Geodesign in Semi-Arid Mountainous Watershed, Saudi Arabia** ***Principal Investigator (PI) : Javed Mallick***Sponsor: Deanship of Scientific Research, King Khalid University, Ministry of Higher Education, kingdom of Saudi Arabia |
| **4** | **Assessment of decline and dieback of Juniperus procera trees and seedlings in the natural stands of AlSouda National Park in Aseer region – Kingdom of Saudi Arabia****Co-PI : *Javed Mallick***Sponsor: Deanship of Scientific Research, King Khalid University, Ministry of Higher Education, kingdom of Saudi Arabia |
| **5** | **Fracture Studies on Tension Zone Confined Steel Fibre Reinforced Concrete,** ***Principal Investigator (PI) : Sivakumar Anandan***Sponsor: King Khalid University, Ministry of Higher Education, kingdom of Saudi Arabia |