



ANNUAL REPORT 2017

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STATISTICS

Almost 7000 visits were recorded at the civilengineeringjournal.cz web page in 2017 that's more than 100% increase compared to previous year. The majority of visitors is from China (53%) followed by the Czech Republic (19%), United States (5%), India (3%) and Brazil (2,5%). The page had visitors from 126 countries with such exotic places like Paraguay, Tanzania, Burkina Faso or Mongolia with increasing interest from Pakistan, Iran or Nepal. These numbers show that the Civil Engineering Journal has become a worldwide known journal and it is believed that the number of followers will increase in years to come.

ISSUES IN 2017

In 2017 the Civil Engineering Journal has published four issues with 44 original manuscripts, 16 manuscripts have been withdrawn due to negative review. Nine authors come from the Czech Republic, twenty-six from China, three from United states of America, two from Egypt and Nigeria, one from India and Egypt. There is a significant increase in Chinese contributions since the redaction cooperates with several Chinese institutions that unite thematic manuscripts. A list of published manuscripts with authors follows.

WORK IN 2017

Year 2017 has been very successful for the Civil Engineering Journal since the redaction have managed to embody the journal into several respected journal databases. Namely EBSCO (<https://www.ebsco.com>); ESCI (<http://info.clarivate.com/ESCI>) and Elsevier's EI Compendex (<https://www.elsevier.com/solutions/engineering-village/content/compendex>). This is a result of our systematic long-term work in order to get the journal into major journal databases like Scopus and Web of Science. The journal redaction will continue this effort in years to come.



Volume	Manuscript Title	Autors	Country
1	Assessment of the properties of asphalt midified with used tires	Olufikayo Aderinlewo	Nigeria
1	Labská – model research of shaft spillway	Martin Králík	Czech Republic
1	Hybrid Finite-Discrete Element Modelling of Blast-induced Excavation Damaged Zone in the Top-heading of Deep Tunnels	Huaming An, Hongyuan Liu, Xuguang Wang, Jianjun Shi, Haoyu Han	China
1	Pavement Distress Detection with PICUCHA Methodology for Area-Scan Cameras and Dark Images	Reus Salini, Bugao Xu, Paulius Paplauskas	United States of America
1	Increasing extinguishing effect of water mist by electrification	Otto Dvořák, Jan Koller	Czech Republic
1	Analysis of factors causing water damage to loess double arched tunnel based on TFN-AHP	Mao Zheng-jun, Zhang Jia, Xue Xiao-hui, Yu Bin-sai, Lai hong-peng, Cui Zhi-qiang, Tian Yu-xiao	China
1	Geotechnical characteristics of lateritic soil stabilized with sawdust ash-lime mixtures	Emeka Segun Nnochiri, Helen Oluyemisi Emeka, Moses Tanimola	Nigeria
1	Behaviour of a gusset plate connection under compression	Clément Bardot, Kamila Cábová, Marta Kurejková, František Wald	Czech Republic
1	Analysis of neighbouring noise disturbance in receiving room	Jaroslav Hejl	Czech Republic
2	Dynamical Response of an Elastic Supporting Pile Embedded in Saturated Soil under Horizontal Vibration	Shuzhen Feng, Xiaotian Liu, Hai Cui	China
2	Logistics risk research of prefabricated house construction engineering based on credibility method	Xiaoping Bai, Huifang Zhao	China
2	Study of short-term Flexural Behavior for Glue-Bamboo and Lumber Beams	Guo Nan, Wang Yan-Jun, Zuo Hong-Liang	China
2	Hybrid human-artificial intelligence approach for pavement distress assessment (PICUCHA)	Reus Salini, Bugao Xu, Regis Carvalho	United States of America
2	Analysis of the Stress Characteristics of CFG Pile Composite Foundation under Irregularity Condition	Yang Chengzhong, Wang Xiaoyub, Wang Shufangc, Chen Weid	China
2	Study on the Blasting Seismic Damage Control Technology for Small Spacing Soft Rock Tunnel	Yang Chengzhong, Wang Xiaoyub, Wang Shufangc, Chen Weid	China
2	Monitoring and controlling on surface settlement in sand and gravel strata caused by subway station construction applying pipe-roof pre-construction method (PPM)	Xian Yang, Yang Liu	China
2	Application of Soft Computing Techniques for Predicting Cooling Time Required Dropping Initial Temperature of Mass Concrete	Santosh Bhattarai, Yihong Zhou, Chunju Zhao, Huawei Zhou	China

3	A Full-scale Measurement of Wind Actions and Effects on A Sea-crossing Bridge	Yi Zhou, Limin Sun, Mowen Xie	China
3	Nanotechnology in the cultural heritage – Influence of nanospensions adopted by nanoparticles of TiO ₂ for cleaning surface of historical plasters	Klára Kroftová, Markéta Šmidtová, Ivo Kuřitka, David Škoda	Czech Republic
3	Analysis on the influence of accumulation effect of landscape color on traffic safety in the foggy section of highways	Xiaolei Li, Boming Tang, Qianghui Song	China
3	The hybrid continuum-discontinuum modelling of Brazilian tensile strength (BTS) test	Huaming An, Hongyuan Liu, Xuguang Wang, Jianjun Shi, Haoyu Han	China
3	Development and Prospect of Root Piles in Tunnel Foundation Reinforcement	Hao Ding, Linjian Su, Jinxing Lai, Yuanhang Zhang	China
3	Strengthening of a reinforced concrete bridge with prestressed steel wire ropes	Kexin Zhang, Quansheng Sun	China
3	Application of Depth-First Search Method in Finding Recirculation in Mine Ventilation System	Huaming An, Jianjun Shi, Xuguang Wang, Lixing Lyu	China
3	Comparison of selected physical properties of tested nanosuspensions – the result of the experimental research of the degree of sedimentation and the depth of penetration in reference materials in laboratory conditions	Klára Kroftová, Markéta Šmidtová, Ivo Kuřitka, David Škoda	Czech Republic
3	Calibration of VISSIM model for multilane highways using speed flow curves	Seelam Srikanth, Arpan Mehar, Asish Parihar	India
3	Application of AEM in Progressive Collapse dynamics analysis of R.C. structures	Osama El-Mahdy, El-Sayed El-Kasaby, Hala Abusafa, Amr El-Gamal	Egypt
3	Research on Risk Classification method of Assembly Occupancies	Hao Yu	China
4	Physical and mechanical characteristics of building materials of historic buildings	Jiří Witzany, Radek Zigler, Tomáš Čejka, Pavel Pospíšil, Milan Holický, Jan Kubát, Aneta Maroušková, Klára Kroftová	Czech Republic
4	Study on De-nosing Method for Unstable and Transient Saltation Vibrating Signal	Qingzhe Zhang, Meng Ji, Qian Zhang, Zhi Qin	China
4	Study on the influence of auxiliary facilities on tunnel lining under the aerodynamic load	Zhong-xin Ren, Hong Guo, Yong-tao Su	China
4	Influence of Glass Powder and Steel Slag on Properties of Concrete: A Review	Sajjad Ali, Zia ur Rahman, Muhammad Kamran Khan	Pakistan
4	Study on anti-cracking performance evaluation method of steel fiber reinforced ceramsite concrete(SFRCC) based on partly-restrained shrinkage ring	Zhang Yi-fan	China
4	Experimental and Numerical Investigation of Blasting-Induced Ground Vibration from Tunnel Undercrossing a Village	Fan Haobo, Yu Deqiang, Zhao Dongping, Lai Jinxing, Xie Yongli	China

4	Progressive Collapse Analysis of 2-D R.C. Frames USING AEM	Osama El-Mahdy, El-Sayed El-Kasaby, Hala Abusafa, Amr El-Gamal	Egypt
4	Fault-Related Instability Problems of Tunnels—The Host Rock Slip Criterion and Characteristics of The Tunneling-Induced Shear Displacements	Jian-guo Liu, Xiao-jun Zhou, Qing-hua Xiao, Wei Zhao	China
4	Design of an active low frequency vibration isolation system for atom interferometry by using sliding mode control	Dong-Yun Luo, Bing Cheng, Bin Wu, Xiao-Long Wang, and Qiang Lin	China
4	Input data of burning wood for CFD modelling using small-scale experiments	Petr Hejtmánek, Libor Ševčík, Kamila Cábová	Czech Republic
4	Relationship between foaming property and surface energy of asphalt binder	Jian-ping Xu, Kai Zhang, Yao-ting Zhu	China
4	Numerical simulation of ultrasonic detection for concrete structure based on equivalent offset mitigation	Mingshun Hu, Juanjuan Li, Dongming Pan, Shenen Chen	China
4	Mechanistic-empirical damage analysis of a jointed plain concrete pavement (JPCP)	Lubinda F. Walubita, Tito P. Nyamuhokya, Stefan A. Romanoschi, Xiaodi Hu, Mena I. Souliman	United States of America
4	Finite element analysis of behavior of Reinforced concrete columns confined by overlapping hoops subjected to rapid concentric loading	Xiang Zeng	China
4	Experimental study on the softening characteristics of argillaceous slate with water	Chengzhong Yang, Yuqiang Tang, Wei Wang, Shufang Wang	China
4	How much does a minute of commuting time cost? An examination of property prices in relation to distance to the city center in Prague, Czech Republic	Martin Lukavec, Božena Kadeřábková	Czech Republic

CONCLUSION

The third year of the Civil Engineering Journal has been fantastic and a great success. The knowledge about the journal is increasing worldwide and the number of published manuscripts is increasing on a regular basis since 2015. The journal is now listed in EBSCO, ESCI and Elsevier's EI Compendex.

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