

for evidence-based and multidisciplinary research to study the effects of the interaction of school environmental conditions on student achievement

Isabella Lau¹, Lily M. Wang², Caren Waters³ and John Bovaird⁴

Contents

Editorial

- 869 A need for evidence-based and multidisciplinary research to study the effects of the interaction of school environmental conditions on student achievement**

J. Lau, L. M. Wang, C. Waters and J. Bovaird

Original Papers

- 872 Characterizing the fungal and bacterial microflora and concentrations in fitness centres**

C. A. Ramos, C. Viegas, S. C. Verde, H. T. Wolterbeek and S. M. Almeida

- 883 Radon doses in the indoor environments of Murree and Islamabad, Pakistan: A comparison of active and passive techniques**

N. Ali, W. Muhammad, N. U. Khattak, E. U. Khan, M. U. Rajput, M. Akram, S. Hussain and S. A. Mujahid

- 895 Laboratory evaluation of polychlorinated biphenyls encapsulation methods**

X. Liu, Z. Guo, K. A. Krebs, N. F. Roache, R. A. Stinson, J. A. Nardin, R. H. Pope, C. A. Mocka and R. D. Logan

- 916 Influence of control logic on variation of indoor thermal environment for residential buildings**

J. W. Moon, J. Lee and S. Kim

- 934 Investigating the effect of well geometry on the daylight performance in the adjoining spaces of vertical top-lit atrium buildings**

M. Ghasemi, M. Z. Kandar and M. Noroozi

- 949 Economical control of indoor air quality in underground metro station using an iterative dynamic programming-based ventilation system**

M. J. Kim, R. D. Braatz, J. T. Kim and C. K. Yoo

- 962 Study of attached air curtain ventilation within a full-scale enclosure: comparison of four turbulence models**

H. Yin and A. Li

- 976 A new comprehensive evaluating method for assessing the sustainability credentials of the central air-conditioning system**

Y.-Q. Ding, S.-H. Zou and C. W. Yu

- 987 Particle transport characteristics in indoor environment with an air cleaner**

X. Jin, L. Yang, X. Du and Y. Yang

- 997 Identification of constant contaminant sources in a test chamber with real sensors**

X. Shao, X. Li and H. Ma