

**Jelena Srebric, Ph.D.**



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Jelena Srebric is a Professor of Mechanical Engineering and Director of the Cluster for Sustainability in the Built Environment at the University of Maryland (CITY@UMD). She earned a Ph.D. degree from the Massachusetts Institute of Technology in 2000, as well as M.S. and B.S. degrees from the University of Belgrade in 1997 and 1994, respectively. She manages and directly supervises the research activities for approximately \$1.5 million annually in externally funded projects. She also teaches and develops new courses on energy and environmental systems in the built environment with more than two thousands of students who took her courses at Penn State, Harvard and University of Maryland. She also presented more than thirty guest lectures at different universities including Stanford, Princeton, MIT, and Columbia. The focus of Srebric's research group work is on multi-scale modeling of built infrastructure to provide a reliable assessment of how these systems affect occupant population, energy consumption and associated CO<sub>2</sub> emissions. These modeling efforts include development of computational tools as well as experimental facilities and sites. Dr. Srebric is the author and co-author of more than hundred publications. She received two research awards and four paper awards from ASHRAE. The International Academy of Indoor Air Sciences recognized her work on indoor air quality with the 2005 Yaglou Award. She was an invited speaker at the National Academy of Engineering's (NAE) 2011 U.S. Frontiers of Engineering Symposium, and an invited plenary speaker at the Indoor Air 2011 conference.