

# WHAT'S NEW AT THE ACOUSTICAL SOCIETY OF AMERICA AND ITS STANDARDS PROGRAM

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This paper is organized into three separate, but related, parts. Part 1 deals with some of the new activities and directions of the Acoustical Society of America (ASA). In particular, it focuses on ASA's latest publication, *Acoustics Today*, and on the new *Vision 2010*. Part 2 of this paper goes on to focus on new actions, Standards, and initiatives of the Standards Program of ASA. These include making Standards a member benefit in ASA, new Standards for environmental noise assessment, classroom acoustics, and hearing protector measurement, and new initiatives in the effects of noise on sleep, animal bioacoustics, and classroom acoustics. Low-frequency noise is not well handled by current Standards and regulations, and Part 3 of this paper goes on to focus on low-frequency environmental noise.

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Dr. Schomer has extensive experience, publications, and patents in the areas of environmental noise and its assessment, human and community response to noise, instrumentation and methodology for the measurement and monitoring of noise, architectural acoustics, and acoustical measurements of building parameters. He is a consultant to industry and government, an adjunct Professor of Electrical and Computer Engineering (Acoustics) and member of the graduate faculty of the University of Illinois, and a research leader in acoustics. His recognition by his peers as an international leader in the area of environmental noise is demonstrated by his chapters in reference books, his over 35 refereed publications, his leadership in Standards organizations and professional societies, and his awards and honours. Dr. Schomer also is Standards Director for the Acoustical Society of America.

As an international leader in the area of environmental noise, Dr. Schomer is chairperson of the United States delegation to International Organization for Standardization (ISO) Acoustics and Noise committees, former chairperson of the American National Standards Committee dealing with noise, chairperson of the ISO working groups which deal with environmental noise and with impulsive noise measurement, chairperson of the American National Standards Institute working group which deals with environmental noise, and he is the United States representative to the International Organization for Standardization in the areas of aircraft noise and impulsive sources. He is the Standards Director for the Acoustical Society of America, a contributor to the Society of Automotive Engineers Aircraft Noise Committee, a principle contributor to current efforts in the area of standardizing airport noise monitoring, and past Executive Director, past vice-president for membership, and twice a past member of the board of the Institute of Noise Control Engineering.

Dr. Schomer has over 35 years of experience dealing with noise measurement and the effects of noise on people and communities. This experience includes blast and mining noise, gunfire noise, airport, aircraft, helicopter, construction and traffic noise, and general industrial and urban noise. The citation for his selection as a Fellow of the Acoustical Society of America references his studies on community response to noise, and most of his work with the National Academy of Science has been concerned with noise assessment. More details are available at [www.SchomerAndAssociates.com](http://www.SchomerAndAssociates.com)