

Call for Papers

A Special Issue of the

International Journal of Industrial Ergonomics

OCCUPATIONAL NOISE EXPOSURE: EXPOSURE ASSESSMENT AND CONTROL

Exposure to occupational noise is related to hearing loss, discomfort, fatigue and several other health and safety risks among the exposed workers. Although the research efforts over the past few decades have evolved into valuable guidelines and standards to protect workers from excessive exposures to noise, the subject of health effects, assessment and control continues to pose an array of multi-disciplinary challenges. The objective of this special issue is to compile recent research and development efforts in the field, including characterization and assessments, industrial noise control, the state of the art in the associated supporting technologies, hearing protection and perspectives on future developments and applications.

The specific topics of interest within the scope of this special issue include (but not being limited) the following:

- Characterization and assessments of workplace noise environment and noise sources;
- Hearing protection;
- Audiological and non-audiological health risks;
- Communication in noisy environments and safety issues;
- Comfort and perception issues related to workplace noise and hearing protection;
- Epidemiology;
- Standards: applications and limitations;
- Ergonomic interventions for risk control;
- Techniques for noise mitigation and industrial noise control, active noise control;
- Effect of noise on human performance;
- Analytical and numerical methods for noise assessment and control.

Prospective authors are invited to submit their original works within the scope of the special issue. The authors should follow the journal guidelines (<http://ees.elsevier.com/ergon/>) for preparing their manuscripts, and submit electronically to the journal website using the web-based submission tools. On the title page header, please add “*Occupational Noise Issue*”. Each manuscript will be reviewed in accordance with the journal requirements.

SCHEDULE FOR SUBMISSIONS

Manuscript Submission Deadline:	3 April 2012
Reviewers’ reports and decision:	26 June 2012
Final Manuscript Due on:	28 August 2012

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