

Gradient Corporation



NEWS ALERT

Gradient Receives HERA Award for Best Human Health Risk Assessment Paper of the Year

We are pleased to announce that the international journal, Human and Ecological Risk Assessment (HERA), has named a manuscript on arsenic risk assessment, authored by Gradient and colleagues at MAA Research Task Force* and at the University of Nebraska, as its 2008 Paper of the Year in the category of Human Risk Assessment. In conferring this award, HERA stated that "This paper covers a lot of ground in a complex area of great toxicological interest, in a straightforward and persuasive manner."

The paper applies a probabilistic methodology to evaluate the risks associated with background exposures to inorganic arsenic in the US *via* food, water, and soil. Using a nonlinear, margin-of-exposure (MOE) approach to quantify arsenic toxicity, our analysis showed that typical and high-end background exposures to inorganic arsenic in US populations do not pose an elevated cancer risk.

Follow the link below:

["Probabilistic analysis of human health risks associated with background concentrations of inorganic arsenic: Use of a margin of exposure approach" by Petito Boyce, C; Lewis, AS; Sax, SN; Eldan, M; Cohen, SM; Beck, BD. 2008.](#)

*Michal Eldan, Ph.D., is currently affiliated with Luxembourg Industries Ltd., Chair of the Organic Arsenical Products Task Force.

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