



Exposure Assessment Strategies COMMITTEE



Volunteer Group Mission Statement

To encourage and support the development and application of state-of-the-art occupational exposure assessment approaches and provide AIHA members with the tools and training necessary to apply those techniques properly.

Scope of Work

Assessment of health hazards in the workplace, inhalation exposure modeling, dermal exposure modeling, product exposure assessment and modeling.

Goals and Objectives

EASC is focused on providing the practicing professional with the tools necessary to demonstrate the value of industrial/occupational hygiene to workers and to the organization they work for through the use of professional knowledge, judgment, and tools that result in high-quality exposure assessments while reducing the time and resources required to decide the exposures.

Membership Diversity

The committee comprises a diverse group of industry, government, and academia professionals with various academic qualifications and experiences. There are many ways to participate in the EASC, e.g., work on a project team, teach a PDC, organize a roundtable or work on the production of a white paper or textbook.

Advocacy and Influence

The EASC reviews and provides comments (through the AIHA) on pending regulatory and current occupational health and safety issues.

Outreach

The EASC provides tools and training to improve the understanding and application of:

- Mathematical Modeling of Chemical Inhalation Exposures
- Deterministic Exposure Data Analysis Techniques
- Probabilistic Exposure Data Analysis Techniques
- Bayesian Decision Analysis for Exposure Acceptability
- Downstream Product Exposure Assessment
- Dermal Exposure Assessment
- Sampling Strategy Development
- Approaches to Improved Professional Judgment

Annual Business Meeting

Tuesday, May 23, 2023
4:30 p.m.-6:00 p.m. PT
Maryvale A Room
Phoenix Sheraton

Quarterly Meeting (Virtual)

4th Thursday of the Month
2:00 p.m.-3:30 p.m. (ET)
[Join our meeting](#)

Exposure Assessment Strategies

<https://aiha.info/exposureassessmentstrategies>

Current Projects

- Development of an entry level case study- based modeling book
- Taking up the 5th edition revision of the Exposure Assessment Strategies Book
- Bringing new instructors into our highly rated PDCs
- Working on an Exposure Assessment chapter for a book on IH Metrics.
- Beta testers to create and maintain a national IH/OEHS research-to-practice agenda
- Supporting improvements to The Checklist tool
- Collaboration Effort with Society for Chemical Hazard Communication

Products Produced by the Group

A number of publications, PDCs, and IH tools such as IH MOD 2.0, The Checklist, IHStat, and ODHMOD.

Collaboration Efforts

We collaborate with AIHA Exposure and Control Banding Committee as well as other groups as requested.

Group Dynamics

Our members range from students to mid-career professionals, with a strong mix of industry, academia, government/military, and consulting. You can choose the level of involvement that fits your availability and earn CM points by: Joining a project team and learn from each other while producing real-world solutions and tools to protect the health and safety of workers around the world.

- Participate on quarterly committee meetings—provide feedback, recommend areas to explore, communicate opportunities to collaborate
- One and done micro-volunteering tasks as the needs arise
- #IAMIH Challenge—public awareness and attracting the next generation of IH/OEHS professionals
- Mentorship and professional development
- Leadership development (serving as an officer of the group, project team leader)

Qualifications to Join

Members must be an AIHA member in good standing. If you are interested in learning more about membership, please visit <https://www.aiha.org/membership>.

Already an AIHA member and interested in joining this committee? **Click JOIN NOW below!**

JOIN NOW