



Emergency Management Issues Special Interest Group Annual Meeting

SCAPA YEAR IN REVIEW MAY 2010-APRIL 2011

**Annual SCAPA Meeting
May 2, 2011**

May 2-5, 2011 Charleston Marriott • Charleston, South Carolina



MAY 2010-APRIL 2011 SCAPA HIGHLIGHTS

- **Annual Meeting: May 3, 2010; Las Vegas, NV**
 - 60+ Attendees; 19 Technical Presentations
 - Annual Meeting Report Posted on SCAPA Web Page
- **Six Full-SCAPA Bimonthly Teleconferences**
 - Provided Continuity Between Annual Meetings
 - 17-25 Attendees; Average of 22 Attendees
- **Five Active SCAPA Working Groups**
 - **CEWG:** Active Projects
 - **CMWG:** Active Projects
 - **BWG:** Teleconferences and Active Projects
 - **CAMWG** –Teleconferences and Active Projects
 - **STWG** - Teleconferences and Active Projects

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CHEMICAL EXPOSURES WG

- **PAC-TEEL Supporting Products**
 - Searchable PAC-TEEL Database
- **PAC-TEEL Revisions**
 - Revision 26: Published September 2010; 3383 Chemicals
 - Revision 27: Development in Progress
 - New and Revised AEGLs and ERPGs
 - Update of Toxicity Data Used to Derive PAC/TEELs
 - Publication Date to be Announced by NA-41 at this Meeting

CHEMICAL MIXTURES WG

- **CMM/HCN Supporting Products**
 - CMM Online Wizard
- **HCN Revisions**
 - Revision 26 Published in September 2010
 - Revision 27 Development in Progress:
 - To be Published Simultaneously with PAC/TEEL Revision 27
- **HCN Toxicology Publications**
 - 1st Article: Published in Journal of Applied Toxicology
 - 2nd Article: Drafted for Different Technical Journal
 - 3rd Article: Early Draft Under Preparation

CONSEQUENCE ASSESSMENT MODELING WG

- **HOTSPOT 2.07 in Central Registry Toolbox**
- **Consequence Assessment Self-Assessment Tool Posted**
- **SCAPA Toolbox for Safety-Related Software**
 - Consequence Assessment Model SQA
 - Candidate CA Model Gap Analyses
 - CAPARS
 - NARAC
 - APGEMS
 - Meteorological Data SQA

BIOSAFETY WG

- **American Biological Safety Association (ABSA)**
 - Continued Formal Alliance
 - ABSA Annual Meeting Attendance (Denver, CO; September 2010)
- **Published Article in Journal of Applied Biosafety**
 - “Incident Response Planning for Biocontainment Facilities in the DOE National Laboratory Complex”
- **Reviewed Draft DOE O 456.1, “Safe Handling of Nanoparticles”**
- **Shared News of Key Technical and Regulatory Publications Affecting Biosafety-Related Issues**

SOURCE TERM WG

- **Technical Products**
 - FAQ: DOE TRU Waste Standard Application to EPHAs
 - Criticality Source Term
 - Leak Path Factor Compilation
 - Ball-milled Plutonium-238 Source Term
- **Active Projects**
 - Non-Respirable Source Term
 - Ensure Appropriate Assessment of Non-respirable Dose Impacts (e.g., Ground Shine)
 - Dose-Equivalent Curies
 - Support Emergency Planning/Plume Modeling During Real Events