Lakes Environmental

SLAB View
## Emergency Release Dense Gas Model

SLAB View is the ideal tool for modeling emergency accidental chemical releases. This popular model is used to predict hazardous zones, duration of exposure, and release migration.

SLAB View contains many features to make your modeling experience as easy as possible:

▸ SLAB View is an integrated modeling environment: intuitive data input, model run, and full featured post-processing with automatic gridding and contour plotting of your results

▸ Import base maps in a variety of formats for easy visualization and identification of the location of your spill area

▸ The graphical output capabilities of SLAB View can help you create impressive presentations of your model results. You can customize your project using display options such as transparent contour shading, annotation tools, change fonts, and specify wind direction

▸ SLAB View is the ideal tool for your Risk Management Plan (RMP)-112(r)

▸ More accurate predictions than DEGADIS, ALOHA, and CAMEO and easier to use

▸ Avoid costly toxic endpoint over predictions


Input Options

Input Options

▸ Model continuous, finite and instantaneous releases for the following spill source types:

  ✓ Evaporating pool release
  ✓ Horizontal jet release
  ✓ Vertical jet or stack release
  ✓ Instantaneous or short duration evaporating pool

▸ Multiple met condition scenarios

▸ Extensive database of toxic chemicals that will save you time and make your modeling project easier. The database is fully modifiable allowing you to add new chemicals

▸ Option to export concentrations taken at a particular location over a duration of time

Output Options

▸ Footprint of the puff
▸ Unique time-dependent puff
▸ Concentration vs. Downwind distance graphs
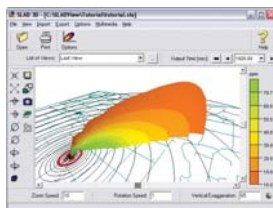▸ Summary reports of input and output data
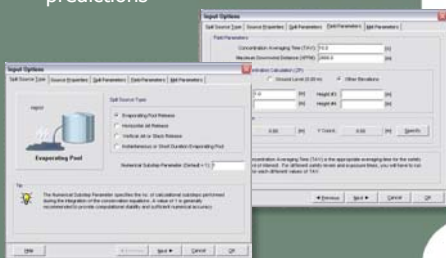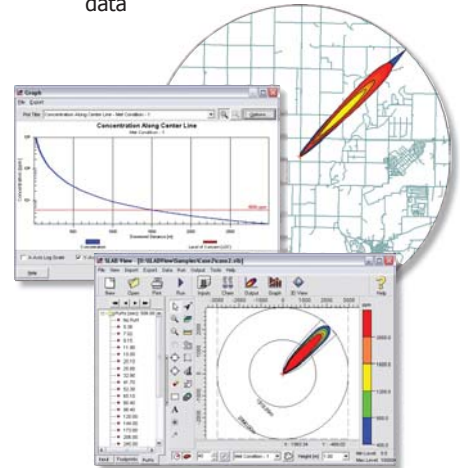
SLAB 3D
3D Visualization Tool for the SLAB Model

▸ SLAB 3D dramatically improves visualization of accidental release predictions

▸ SLAB 3D allows you to create animations of plume migration that can be incorporated into most presentation packages