



Environmental Risk Assessment

Shifting Societal Perception of Risk

The general public's perception of risk within many industries has significantly changed in the past two decades. Has your company evolved its programs and messaging to cope with aggressive interveners that are able to delay approval of new projects? Is your corporate reputation affected by negative perceptions created by inaccurate information?

Enight provides our clients with deep technical expertise in environmental toxicology, contaminant transport modeling, risk analytics, data interpretation, and expert witness support. More importantly, Enight staff has a proven track record of assisting our clients successfully navigate through public permitting processes. Your company needs Enight's experience and expertise with controversial projects to help you address the concerns of agencies and the public and to change the dynamics of a negative situation. Changing perception involves more than providing technical information. Effective risk communication is about listening and addressing concerns through the education of agency staff and the public.

Enight staff has more than 25 years of experience with controversial, high visibility projects. When your company is facing significant obstacles related to social licensing and risk perception, you want Enight staff standing with you.

Enight Services

Ecological Risk Assessment

- **Hazard Identification**
 - Data gap evaluation
 - Screening level assessment
 - COPEC Identification
- **Toxicity Assessment**
 - Chemical hazard
 - Thresholds and standards
- **Exposure Assessment**
 - Conceptual Site Model
 - Key receptors
 - Exposure pathways
- **Risk Characterization**
 - Site-specific vs background
 - Multiple lines of evidence

Risk Communication

- **Open House Support**
- **Agency Collaboration**
- **Expert Witness**

Risk Analytics

- **Failure Probabilities**
- **Quantitative Risk Assessment**

Environmental Sensitivity Mapping

- **Sensitive terrestrial, freshwater, and marine environments**
- **Groundwater vulnerability**

Release Modeling

- **Transport modeling**
- **Freshwater, marine environments**
- **Quantitative and qualitative exposure of receptors**

Hazard prioritization

- **Critical project elements**
- **Ranking of risks/hazards**

“Effective risk communication builds trust with external stakeholders and can be the difference between the success or failure of a project”

Heidi Tillquist
Enight LLC

For additional information, please contact:

Heidi Tillquist
Enight LLC
(970)377-2284
h.tillquist@comcast.net