



THURSDAY MAY 26 15:30 -17:30 ANGUS ROOM

**NCIA WORKSHOP AT BANFF SPRING NOISE CONFERENCE
NORTHEAST CAPITAL INDUSTRIAL ASSOCIATION
REGIONAL NOISE MANAGEMENT PLAN
REGIONAL NOISE MODEL**

1. General Overview of NCIA's Regional Noise Management Plan
 - i. Past noise work performed by NCIA
 - ii. NCIA's objectives for having a Regional Noise Model
2. Specific focus on the Regional Noise Model project
 - i. How it was developed
 - ii. What information it contains
 - iii. How the model works
 - iv. Accuracy of the model and the date output
3. Technical assumptions and decisions made
 - i. Need for both downwind-in-all-directions and calm wind conditions
 - ii. Selection of CONCAWE over ISO; yet capability to use either
 - iii. Choose most efficient method to import large variety of existing model databases
 - iv. Justification for selecting SoundPLAN
 - v. Establishment of "Basic Model" approach for facilities without existing models
 - vi. Concern for private data – labelling sources
 - vii. Choice to provide pre-run contours as output
4. How an Acoustical Consultant would use the model:
 - i. What general information is required and in what format (need a process established)
 - ii. What input information will be provided to an Acoustical Consultant
 - iii. What output information could be generated for submission back to NCIA
 - iv. NCIA's role in this process
 - v. How the model is kept current and updated (need a process going forward)

The *Target Audience* for this presentation would be Acoustical Consultants developing computer noise modeling for facilities within Alberta's Industrial Heartland, where NCIA has a special protocol in place for ERCB applications. The *Target Audience* would also include facility corporate environmental staff, who work on regulatory applications, and are responsible for Noise Impact Statements.