



Risk Assessment Task Force

George Guthrie, U.S.

Cape Town, South Africa

16 April 2008



Task Force Membership

- **Australia**
- **Canada**
- **France**
- **India**
- **Japan**
- **Netherlands**
- **Norway**
- **United Kingdom**
- **United States, chair**
- **IEA Greenhouse Gas Programme**



Task Force Mission

- **Examine risk-assessment standards, procedures, and research activities relevant to unique risks associated with the injection and long-term storage of CO₂**
 - **Risks associated with CO₂ near-term (injection) processes (including fracturing, fault re-activation, induced seismicity)**
 - **Risk associated with long-term processes related to impacts of CO₂ storage, including:**
 - **health, safety, and environmental risks**
 - **potential impact on natural resources (such as groundwater, mineral resources, etc.)**
 - **return to the atmosphere**



Phase I Efforts

- **Phase I report will be prepared as a room document for next TG meeting**
- **Review methodologies, literature, and terminology for risk assessment as applied to geologic storage (of CO₂)**
 - draft under revision
 - will add a section on terminology and a discussion of potential risks
- **Assessment of ongoing and emerging research activities**
 - preliminary set of activities is being expanded
- **Recommendations for phase II**



Request from TG: Input on Risk Assessment Activities

Project Title: Include a short title or description of the project.
Lead Organization(s) and Point(s) of Contact (w/e-mail): Focus on lead; the intent is to provide a point of contact as opposed to be inclusive on participants.
Duration: <i>State and completion dates (if applicable): ???</i> <i>Injection and monitoring dates (if applicable): ???</i> <i>Dates & short description of key risk assessment milestones: ???</i>
Scale of Injection (if applicable): For example, XXX tons per year for YYY years. Please spell MmillionÓas applicable.
Risk Assessment Methodology: Include a brief description of the approach and tools used for risk assessment.
Brief Summary: Include a short narrative on the project, discussing key goals and key milestones. If the project includes a field effort, include a brief site description (and/or reference).
Key Risk Assessment Findings (if applicable) Include a short description of key findings and publications/documents from the project, as they relate to risk assessment. Note any lessons learned. If there is a website link to project summary, please provide.

- Form will be circulated by Secretariat
- Need input returned by 30 June
- Focus is on risk assessment projects (not on organizations)