



CSLF Technical Group Risk Assessment Task Force Update

Al Khobar, Saudi Arabia

28 January 2008



Technical Group Task Force Phase I Efforts to Examine Risk Assessment Standards and Procedures

- **Initially convened at Paris meeting (March 2007)**
- **Finalized mission statement (June 2007)**
- **Goal is to complete phase I activities/report by Cape Town meeting (April 2008)**
 - **review of methodologies and existing literature**
 - **review of ongoing and emerging efforts**
 - **identification of critical issues in the status of risk assessment**
 - **proposed next steps**



Task Force Membership

- **John Bradshaw, Australia**
- **Bill Koppe, Australia**
- **Stefan Bachu, Canada**
- **Hubert Fabriol, France**
- **Mattieu Feraille, France**
- **Claudia Vivalda, France**
- **Rabih Chammas, France**
- **R. R. Sonde, India**
- **Makoto Akai, Japan,**
- **Chiaki Shinohara, Japan**
- **Ton Wildenborg, Netherlands**
- **Odd-Magne Mathiassen, Norway**
- **Tim Dixon, United Kingdom**
- **George Guthrie, United States (Chair)**
- **Howard Herzog, United States**
- **John Gale, IEA-GHG**



Task Force Mission

- **Examine risk-assessment standards and procedures 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.**



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Summaries of Ongoing & Emerging Efforts Related to Risk Assessment

- **RA activities are being assembled by task members**
 - projects and demos that will address some aspect of risk assessment
 - activities related to development of tools/methodologies
- **Submissions of information from countries not participating in task force are welcomed**
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