



# **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 CO<sub>2</sub>**
  - Risks associated with CO<sub>2</sub> near-term (injection) processes (including fracturing, fault re-activation, induced seismicity)
  - Risk associated with long-term processes related to impacts of CO<sub>2</sub> 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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