

MODULE 3: DEVELOPING EXPLORATION PROGRAMS FOR CO₂ GEOLOGICAL STORAGE SITES



DR JOHN BRADSHAW & DR BARRY BRADSHAW

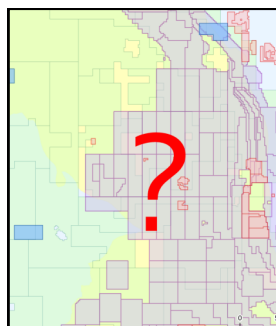
This 1 day course provides geologists working in the CCS industry with practical experience in designing CO₂ Geological Storage Exploration Programs. The course follows on from Module 2 (Regional Assessment of CO₂ Geological Storage Sites) to train participants in the steps required to develop an exploration program for a geological storage site, including identifying a suitable permit area, designing and costing an exploration program, understanding GHGS regulations and interacting with regulators.

Course participants are taken through a series of exercises using real data sets to design an exploration program in onshore Queensland. These exercises provide participants with hands-on experience in the program design steps, including: prioritizing potential storage sites to identify an exploration permit area; and designing and costing the key components of an exploration program. The course is designed for geologists that have completed Modules 1 and 2. Course participants should have some familiarity with petroleum data sets and sedimentary geology.

Course Content

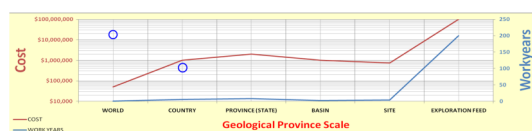
Lectures

1. GHGS Legislation Technical Complexities
 - Australian Commonwealth Government Legislation
 - Queensland Government Legislation
 - Overlapping Tenures
2. Defining an Exploration Permit Area (Exercise 1)
3. Key Work Program Components (Exercise 2)
4. Costing Work Programs (Exercise 3)
5. Interactions with Regulators
 - Monitoring Plans
 - Geochemical Analysis
 - Well Remediation & Leakage Risk Assessments



Exploration Area & Program Delineation Exercises

1. Prospect & Play Prioritisation/Exploration Permit Delineation
2. Work Program Components
3. Work Program Costing



Dr John Bradshaw has over 30 years of experience in the oil and gas and CO₂ storage industries. Since 1999, Dr Bradshaw has devoted his career to the establishment of the science and legal and regulatory aspects of geological storage of CO₂



Dr Barry Bradshaw has 18 years experience in basin studies and prospectivity assessments from Australia and North America applied to oil and gas exploration, sediment-hosted mineral systems, and CO₂ geological storage.

For further information and course costing please contact:

Dr John Bradshaw
Chief Executive Officer
CO₂ Geological Storage Solutions
ABN : 70 138 658 385
John.Bradshaw@cgss.com.au
www.cgss.com.au

PO Box 769
Fyshwick ACT 2609 Australia
Phone + 61 (0)2 6280 4588
Fax +61 (0)2 6280 4549