

Workshop of CO₂ Geological Storage and EOR



Wednesday, march 21st, 2012

8:30-9:00	Opening Remarks Dr. Adalberto Nayola, Director of the Institute of Engineering, UNAM Dr. José Francisco Valdés, Director of the Institute of Geophysics Dr. José Miguel González Santaló, CSLF Secretariat
9:30 - 10:30	GHG and CO₂ emissions in the world and in Mexico Dra. Amparo Martínez Arroyo, Center for Atmospheric Sciences, UNAM
9:30 - 11:15	Fundamentals and options for CO₂ Geological Storage Stefan Bachu, Alberta Innovates – Technology Futures, AB, Canada
11:15 - 11:30	Break
11:30 - 13:00	Site screening, selection and characterization Stefan Bachu, Alberta Innovates – Technology Futures, AB, Canada
13:00 - 14:30	LUNCH
14:30 - 15:30	Estimation of CO₂ Storage Capacity Stefan Bachu, Alberta Innovates – Technology Futures, AB, Canada
15:30 - 16:30	Specific site Assessment Ramón Carbonell, CSIC, España
16:30 - 16:45	Break
16:45 - 18:30	Geophysics, Geomechanics and Geochemistry of CO₂ Geological Storage Marcelo Ketzer, PUCRS, Brazil

Thursday, march 22nd, 2012

Storage in saline aquifers

9:00 - 10:00	Modelling of the CO₂ plume Ramón Carbonell, CIUDEN, España
10:00 - 11:00	Hontomin project presentation Ramón Carbonell, CIUDEN, España
11:00 - 11:30	Break
11:30 - 13:00	Storage in EOR operations Edward Steadman/John Harju, EERC UND, USA
13:00 - 14:30	LUNCH

R&D Topics (Discussion panel)

14:30-16:00	Suggested Topics Effectiveness of CO₂ Injection for oil recovery Impact of field characteristics Techniques to improve performance CO₂ separation from oil EOR economics Panelists Stefan Bachu (2), Alberta Innovates – Technology Futures, AB, Canada Marcelo Ketzer(2), PUCRS, Brazil Neil Wildgust, Canada Edward Steadman/John Harju, EERC UND, USA Andres Moctezuma, IMP, México
16:00 - 16:30	Break
16:30 - 18:30	Oxycombustion session continued

Friday, march 23rd, 2012

Risk Assessment

9:00 - 9:45	Monitoring
10:00 - 10:45	Rodolfo Lacy, Mario Molina Center, México Ramón Carbonell, CIUDEN, España
10:45 - 11:15	Break
11:15 - 13:00	Monitoring. The Weyburn-Midale case Neil Wildgust, CANADA
13:00 - 14:30	LUNCH

Preliminary assessment of Mexico's potential for CO₂ storage

14:30 - 16:15	CO₂ Storage Site Atlas for Mexico Moisés Dávila, CFE, México
16:15 - 16:45	Break
16:45 - 18:00	Oil and gas fields in Mexico Fernando Samaniego, PEMEX (to be confirmed) Andrés Moctezuma, IMP, México
18:00 - 18:30	Conclusions

