



International Conference on CO₂ Sequestration Processes
Reykjavik ICELAND
5-12 September 2009

OPTIONAL FIELD SAMPLING TRIP		FORMAL SCIENTIFIC MEETING		OPTIONAL FIELD EXCURSION		
Saturday 5	Sunday 6 Cocktail reception at President Grimsson's residence	Monday 7	Tuesday 8	Wednesday 9	Thursday 10	Friday 11

Part 1: Optional Field Sampling Trip

SATURDAY, SEPTEMBER 5, 2009		SUNDAY, SEPTEMBER 6, 2009	
8:15	Meet at Askja (Institute of Earth Sciences, University of Iceland - walking distance from Radisson SAS Saga Hotel) General introduction	8:15	Meet at Askja
9:15		8:30	
9:20	Drive to chosen field site*	8:30	Drive to chosen field site
10:10		9:15	
10:10	Sampling at field site	9:15	Sampling at field site
12:10		11:15	
12:10	Lunch	11:15	Lunch
13:20		12:30	
13:20	Drive to next field site	12:30	Drive to next field site
13:40		12:50	
13:40	Sampling at field site	12:50	Sampling at field site
15:40		14:50	
15:40	Return to Askja followed by refreshments	14:50	Return to Askja
18:00		16:00	
		17:30	Bus departure from Radisson SAS Saga Reykjavik for cocktail reception at President Grimsson's residence

*For more details about the exact breakdown of field sampling sites, please see the field sampling guide, available on the MIR and MINGRO websites: <http://www.mingro.com/iceland.htm> and <http://www.mir-est.com/iceland.htm>

Part 2: Formal Scientific Conference on CO₂ Sequestration Processes

SUNDAY, SEPTEMBER 6, 2009

18:00	Cocktail reception at President Grimsson's residence
19:30	

MONDAY, SEPTEMBER 7, 2009

8 :00	Bus transport from Radisson SAS to Reykjavik Energy
9 :00	Welcome statements
9 :20	Hjörleifur Kvaran: CEO of Reykjavik Energy
9 :20	Ólafur Ragnar Grímsson: President of Iceland
9 :40	
9 :40	Wally Broecker: Columbia University, New York, USA
10 :10	Climate and carbon dioxide
10 :10	Discussion and coffee break
10 :40	
10 :40	Klaus Lackner: Columbia University, New York, USA
11 :10	Carbon capture from air
11 :10	Tara C. La Force: Imperial College London, UK
11 :50	Pulsed H ₂ O - CO ₂ injections into aquifers and oilfields
12 :00	Lunch at Hellisheidi
13 :00	
13 :00	Tore Torp: Statoil Research Center, Trondheim, Norway
13 :40	CO ₂ into saline fluids in sandstone (Sleipnir site, Norway)
13 :40	Yousif Kharaka: U.S. Geological Survey, California
14 :20	CO ₂ geological sequestration and monitoring at the Frio and ZERT sites, USA
14 :20	Akira Ueda: Kyoto University, Japan
14 :50	Case study: Mineral carbonization of CO ₂ at Japanese sites
14 :50	Discussion and coffee break
15 :20	
15 :20	Luigi Marini: Italy
15 :50	Reaction path modelling of mineral sequestration
15 :50	S.R. Gislason: Institute of Earth Sciences, University of Iceland
16 :30	Carbon sequestration in basaltic rock. The carbfix project.
16 :30	Bus return from Reykjavik Energy to Radisson SAS
17 :30	Student posters, wine and beer at Askja (Institute of Earth
18 :30	Sciences, University of Iceland – walking distance from hotel)
18 :30	Dinner at Askja

TUESDAY, SEPTEMBER 8, 2009

8 :15	Bus transport from Radisson SAS to Reykjavik Energy
9 :00	Eric Oelkers: CNRS, Toulouse, France
9 :30	Mineral carbonization of CO ₂
9 :30	Juerg Matter: Columbia University, New York, USA
10 :00	Mineral sequestration in ultramafic rocks.
10 :00	Mike Bickle: Department of Earth Sciences University of
10 :30	Cambridge, U.K
	The fate of CO ₂ in saline aquifers: Research on fluid-fluid and
	fluid-mineral interactions by the CRIUS consortium
10 :30	Discussion and coffee break
11 :00	
11 :00	Don DePaolo: UC Berkeley/LBL
11 :30	Nanogeoscience and carbon sequestration
11 :30	Travis McLing: Idaho National Laboratory, USA
12 :00	The Geochemical Signature of Water Rock Reactions in a Basalt
	Hosted Aquifer, Implication for Carbon Sequestration in Basalt
	Formations
12 :00	Robert K. Podgorney: Center for Advanced Energy Studies-INL
12 :30	Evaluation of Carbon Sequestration Potential in Stacked, Low-
	Volume Basalt Flows: Eastern Snake River Plane, Idaho
12 :30	Lunch at Hellisheidi
13 :30	
13 :30	Panel discussion :
15:45	Allyson Anderson US Senate Committee on Energy & Natural
	Resources: CO ₂ Sequestration and Public Policy
	Bob van der Zwaan Energy Research Centre of the Netherlands:
	Economics of CO ₂ storage and leakage
	Svandís Svavarsdóttir: Minister for the Environment, Iceland
15 :45	Discussion and coffee break
16 :15	
16:15	Bus return from Reykjavik Energy to Radisson SAS Saga Hotel

Part 3: Optional Field Excursion

WEDNESDAY, SEPTEMBER 9		THURSDAY, SEPTEMBER 10		FRIDAY, SEPTEMBER 11	
8:00	Bus pick up at Radisson SAS Saga Hotel Departure for Solheimajökull glacier	9:00		9:00	Drive out of Landmannalaugar, visit several scenic spots
9:00 10:00		9:00 10:00	Following breakfast, hiking in the close vicinity of the Landmannalaugar area (weather permitting)	9:00 10:00	
10:00 11:30	Arrival at Sólheimajökull glacier	10:00 11:30		10:00 11:30	
11:30 12:00	Departure for Vík	11:30 12:00		11:30 12:00	
12:00 13:30	Lunch in Vík, South Iceland	12:00 13:30	Lunch during the hike	12:00 13:30	Lunch at Flúðir
13:30 15:30	Departure for the Eldgjá fissure, source of the largest historical lava flow on Earth	13:30 15:30		13:30 14:00	Departure for Gullfoss waterfall (The Golden Falls)
15:30 17:00	Visit of Eldgjá + coffee break	15:30 17:00		14:00 15:00	Arrival in Gullfoss + visit Departure for Geysir
17:00 18:00	Departure for Landmannalaugar	17:00 18:00		15:15 16:15	Arrival in Geysir, first known eruptive geyser in the world
18:00	Arrival in Landmannalaugar Barbeque dinner, followed by bath in natural hot springs	18:00	Barbeque in Landmannalaugar Followed by bath in natural hot springs	16:15 17:15	Departure for Þingvellir, the plate boundary between the North American plate and the Eurasian plate
				18:15 19:30	Return to Reykjavik

For more detailed information about the field excursion, please consult:

International conference on CO₂ sequestration processes

Field Guide

Sept 9th – 11th 2009, Compiled by Gretar Ívarsson

Available on the MIR and MIN-GRO websites:

<http://www.mir-est.com/iceland.htm>

<http://www.min-gro.com/iceland.htm>