

CAGS2 Training School 1 Program

Day 1 October 14 East Lobby	14:00-17:00	Registration	
Day 2 October 15 Chamber of Peony	Opening Ceremony Host: Jiutian Zhang		
	9:00-9:30	Sizhen Peng The Administrative Centre for China's Agenda 21 Xiangwu Kang Ministry of Science and Technology Andrew Barrett Geoscience Australia Menglin Zhou Department of Science & Technology of Sichuan Province	
	9:30-9:40	Group Photo at Chamber of Peony	
	Session 1: Overview of CCUS Chair: Andrew Barrett		
	9:40-10:10	Carbon capture and geological storage--An overview	Rick Causebrook Australian National Low Emissions Research and Development (ANLECR&D)
	10:10-10:20	In the context CCUS of sustainable development in China	Jiutian Zhang The Administrative Centre for China's Agenda 21
	10:20-10:40	International CCS roadmaps, ambitions, and regulations	Sarah M. Forbes World Resources Institute
	10:40-11:00	<i>Morning Tea</i>	
	11:00-11:30	Storage site characterization to meet regulatory requirements	Maxine Akhurst British Geological Survey
	11:30-12:00	Group Discussion	

	12:00-14:00	<i>Lunch at Bamboo Garden</i>	
	Session 2: CO₂ Technology		
	Chair: Wei Yuan		
	14:00-14:40	Combining brine extraction and energy production from geopressured-geothermal aquifers using CO ₂	Guodong Yang China University of Geosciences (Wuhan)
	14:40-15:20	CO ₂ storage by mineral carbonation	Xiaolong Wang Huaneng Clean Energy Research Institute
	15:20-15:50	<i>Afternoon Tea</i>	
	15:50-16:30	Environmental monitoring for CO ₂ capture, transportation, enhanced oil recovery and sequestration	Yuanyuan Zhang Sinopec petroleum engineering & consulting corporation
	16:30-17:10	Group Discussion	
	17:10-17:30	Group Summary	
	18:00-20:00	<i>Reception Dinner at Four Seasons Hall</i>	
Day 3 October 16 Chamber of Peony	Session 3: CO₂ Storage Potential, Site Characterization and Selection		
	Chair: Qi Li		
	9:00-9:30	Overview of capacity estimation methodologies for saline reservoirs	Rick Causebrook Australian National Low Emissions Research and Development (ANLECR&D)
	9:30-10:00	Geomechanical issues of CO ₂ storage in deep saline aquifers	Wei Yuan Institute of Rock and Soil Mechanics, China Academy of Sciences
	10:00-10:30	<i>Morning Tea</i>	

	10:30-11:00	Screening, selection and characterisation CO ₂ storage sites, UK northern North Sea	Maxine Akhurst British Geological Survey
	11:00-11:30	Study on suitability site selection of CO ₂ storage project	Chao Zhang Center for Hydrogeology and Environmental, China Geological Survey
	11:30-12:10	Group Discussion	
	12:10-12:30	Group Summary	
	12:30-14:00	<i>Lunch at Bamboo Garden</i>	
	Session 4: CO₂ Storage Monitoring and Safety Assessment Chair: Rick Causebrook		
	14:00-14:30	Monitoring for CO ₂ storage	Andrew Barrett Geoscience Australia
	14:30-15:00	Insights into CO ₂ geological utilization with mapping considerations of China CCUS technology roadmap	Qi Li Institute of Rock and Soil Mechanics, Chinese Academy of Sciences
	15:00-15:30	<i>Afternoon Tea</i>	
	15:30-16:00	Risk assessment in CCS	Matt Gerstenberger CO2CRC/GNS Science
	16:00-16:30	Environmental impact and risk assessment for CO ₂ geological utilization and storage	Qi Li Institute of Rock and Soil Mechanics, Chinese Academy of Sciences
	16:30-17:10	Group Discussion	
	17:10-17:30	Group Summary	
	17:30-19:30	<i>Dinner at Bamboo Garden</i>	
Day 4 October 17 Chamber of Peony	Session 5: CCUS Economics Chair: Matt Gerstenberger		
	9:00-9:30	Economics of CCS	Gustavo Fimbres Weihs The University of New South Wales

			(UNSW)/CO2CRC Economics Team
	9:30-10:10	Economic evaluation of CCUS projects	Ning Wei Institute of Rock and Soil Mechanics, Chinese Academy of Sciences
	10:10-10:40	<i>Morning Tea</i>	
	10:40-11:10	Social issues in CCS	Roy Anderson Cooperative Research Centre for Greenhouse Gas Technologies (CO2CRC)
	11:10-11:50	Group Discussion	
	11:50-12:10	Group Summary	
	12:10-12:30	Closing Remarks	
	12:30-14:00	<i>Lunch at Bamboo Garden</i>	