

Systems Analysis Group

■ 2010 Original Paper

	Title	Researchers	Journal
1	Land Use–Transport Model for Impact Assessment of Urban Policies on Carbon Dioxide Reduction and Sustainability	Masanobu Kii, Keigo Akimoto	Journal of Japan Society of Energy and Resources Vol.31 No.1, pp.16–22
2	Introduction of Subsidization in Nascent Climate-friendly Learning Technologies and Evaluation of its Effectiveness	Ullash Kumar Rout, K. Akimoto F. Sano, T. Tomoda	Energy Policy, Vol. 38, Issue 1, January 2010, pp.520–532
3	Estimates of GHG Emission Reduction Potential by country, Sector and Cost	K. Akimoto, F. Sano, T. Homma	Energy Policy, Vol.38 Issue 7, 2010, pp.3384–3393

■ 2010 Other Paper (e.g. Review, Comment)

	Title	Researchers	Forum
1	Response to Global Warming	Keigo Akimoto	China Research Center, Japan Science and Technology Agency, 'Monthly Science and Technology Newsletter of China' http://www.spc.jst.go.jp , January 2010
2	Global Warming Mitigation and CO2 Reduction Technologies	Keigo Akimoto	Monthly Chemical Engineering, January 2010
3	'Challenges for the Future', the First Step to Establish a New Social System, Seminar –Environment/CSR-, JST Symposium	Keigo Akimoto, et al.	Monthly Global Environment, February 2010
4	Global Warming Measures and Sustainable Development	Keigo Akimoto	ELECTRICAL REVIEW, June 2010
5	Kyoto Protocol and Copenhagen Accord	Fuminori Sano, Keigo Akimoto	ELECTRICAL REVIEW, July 2010
6	Consumption-based Measurement of CO2 Emissions by Country	Takashi Homma	ELECTRICAL REVIEW, August 2010
7	Comparable Energy Efficiency for Key Sectors across Countries	Junichiro Oda	ELECTRICAL REVIEW, September 2010
8	Overview of Global Warming Mitigation and Role of Nuclear Power; Toward Sustainable Measures against Global Warming	Keigo Akimoto	ATOMOZ, October 2010, Atomic Energy Society of Japan
9	Mid- and Long-term Scenarios for Global Warming Mitigation	Keigo Akimoto	ELECTRICAL REVIEW, December 2010

■ 2010 Oral Presentation (Domestic Conference)

	Title	Researchers	Magazine, Newspaper, etc.
1	Analyses of Equitable Emission Reduction Targets with a World Energy Systems Model	Fuminori Sano, Keigo Akimoto, Takashi Homma, Junichiro Oda	26th Conference on Energy, Economy and Environment, January 26, 2010
2	Evaluation of Climate Change Mitigation with Cost of Stabilization of Power System for Inducing PV and wind Power Generation	Fuminori Sano, Keigo Akimoto	26th Conference on Energy, Economy and Environment, January 26, 2010
3	Land Use–Transport Model for Impact Assessment of Urban Policies on Carbon Dioxide Reduction and the Sustainability	Masanobu Kii, Keigo Akimoto	26th Conference on Energy, Economy and Environment, January 26, 2010
4	A Study on Marginal Abatement Cost Curve and Payback Periods	Keigo Akimoto, Fuminori Sano, Junichiro Oda	26th Conference on Energy, Economy and Environment, January 27, 2010
5	Analyses on GHG Emissions and Sustainable Development from Statistics Data	Kohko Tokushige, Keigo Akimoto, Junichiro Oda	26th Conference on Energy, Economy and Environment, January 27, 2010
6	Analysis of Economic Impacts of Mid-term CO2 Emissions Reduction Targets of Annex I Countries Considering International Industrial Relationships	Takashi Homma, Keigo Akimoto	26th Conference on Energy, Economy and Environment, January 27, 2010
7	Impact Assessment Method of Urban Policies on Carbon Dioxide Reduction Using Land Use–Transport Model	Masanobu Kii, Keigo Akimoto	26th Conference on Energy, Economy and Environment, January 27, 2010
8	Energy Efficiency in Iron & Steel Sector by Region and Potentials of CO2 Emission Reductions	Junichiro Oda, Keigo Akimoto, Fuminori Sano	26th Conference on Energy, Economy and Environment, January 27, 2010
9	Estimations of Water Resources and Demand by Country for Assessments of Sustainable Water Use	Ayami Hayashi, Keigo Akimoto, Takashi Homma, Fuminori Sano, Junichiro Oda	26th Conference on Energy, Economy and Environment, January 27, 2010
10	RITE Model Analyses on the Mid-term Target -Issues and Remarks-	Keigo Akimoto	Society for Environmental Economics and Policy Studies, September 11, 2010
11	Investment for Competitive Power Plants under Uncertainty of Allocation Scheme	Junichiro Oda	The 5th National Conference on Real Options, November 13, 2010

■ 2010 Oral Presentation (International Conference)

	Title	Researchers	Magazine, Newspaper, etc.
1	Analyses on GHG Mitigation Cost and Measures and their Implications	Keigo Akimoto	International Conference on Post-Kyoto Climate Change Mitigation Modeling, Seoul, Korea, June 17, 2010
2	Baseline Scenarios and Comparability	Kenichi Wada	The third Asian Modeling Exercise Meeting, September 13–15, 2010
3	Role and Issues of CCS in Long-term Sustainable Emission Reductions and toward Sustainable Development	Kohko Tokushige	GHGT10, Amsterdam, Netherlands, September 20–23, 2010
4	An Analysis of CCS Investment under Uncertainty	Junichiro Oda	GHGT10, Amsterdam, Netherlands, September 20–23, 2010

■ 2010 Non-Journal Publication

	Title	Researchers	Magazine, Newspaper, etc.
1	Assessment of Economic Impacts of Japan's Mid-term Target on Industrial Competitiveness	Takashi Homma	DBJ Research Center, Development Bank of Japan, January 6, 2010
2	Global Warming Issues: the Latest situation, Technology Trends and Development Perspectives	Keigo Akimoto	Research Council for Project Vitalization in Kansai Area, Japan Machinery Federation, February 16, 2010
3	Global Warming Measures: Low-Carbon Cities and Pursuit of Co-benefit	Keigo Akimoto	Community-based Environment Assembly, 'Low-Carbon City Directions: Sustainable Environment Innovations', March 11, 2010
4	Challenges for the Future', the First Step to Establish a New Social System, Seminar –Environment/CSR-, JST Symposium	Keigo Akimoto	JST (Japan Science and Technology Agency) Symposium, March 13, 2010
5	Necessity of Integrated Analyses of Materials and Energy, and Policy and Measures	Keigo Akimoto	Energy- and Environment-Specific Symposium, The University of Tokyo, June 3, 2010
6	Perspectives on Global Warming Measures: Feasibility of the Mid- and Long-term Target and Assessment of the Mid- and Long-term Roadmap	Keigo Akimoto	The First Project Meeting, Resource and Environment Committee, Kyushu Economic Federation, June 25, 2010
7	RITE Model Analyses and Mid-term Target -Issues and Views	Keigo Akimoto	Society for Environmental Economics Model, Japan Center for Economic Research, July 7, 2010
8	Analyses of Emission Reduction Costs	Keigo Akimoto	Task Force Meeting, Political Measures Working Group, Global Environment Subcommittee, Environment Committee, Industrial Structure Council, September 1, 2010
9	Analyses of Emission Reduction Costs	Keigo Akimoto	Political Measures Working Group, Global Environment Subcommittee, Environment Committee, Industrial Structure Council, September 13, 2010
10	The Mid- and Long-term Climate Policy Scenario	Miyuki Nagashima	The Second Lecture Meeting, Global Environment Technology Forum, Osaka Science & Technology Center, September 13, 2010
11	Impacts of Carbon Leakage by Climate Policies in Japan	Keigo Akimoto	British Embassy Tokyo, October 7, 2010

Molecular Microbiology and Biotechnology Group

■ 2010 Original Paper

	Title	Researchers	Journal
1	Sugar transporters in efficient utilization of mixed sugar substrates: current knowledge and outlook.	T. Jojima, C.A. Omumasaba, M. Inui and H. Yukawa.	Appl. Microbiol. Biotechnol. 85:471–480. 2010.(Mini-Review)
2	Isolation, evaluation and use of two strong, carbon source-inducible promoters from <i>Corynebacterium glutamicum</i> .	N. Okibe, N. Suzuki, M. Inui and H. Yukawa.	Lett. Appl. Microbiol. 50:173–180. 2010.
3	Xylitol production by recombinant <i>Corynebacterium glutamicum</i> under oxygen deprivation.	M. Sasaki, T. Jojima, M. Inui and H. Yukawa.	Appl. Microbiol. Biotechnol. 86:1057–1066. 2010.
4	A novel redox-sensing transcriptional regulator CyeR controls expression of an old yellow enzyme family protein in <i>Corynebacterium glutamicum</i> .	S. Ehira, H. Teramoto, M. Inui and H. Yukawa.	Microbiology 156:1335–1341. 2010.
5	Engineering of sugar metabolism of <i>Corynebacterium glutamicum</i> for production of amino acid L-alanine under oxygen deprivation.	T. Jojima, M. Fujii, E. Mori, M. Inui and H. Yukawa.	Appl. Microbiol. Biotechnol. 87:159–165. 2010.
6	Characterization of a 24-kb plasmid pCGR2 newly isolated from <i>Corynebacterium glutamicum</i> .	Y. Tsuchida, S. Kimura, N. Suzuki, M. Inui and H. Yukawa.	Appl. Microbiol. Biotechnol. 87:1855–1866. 2010.
7	Regulation of expression of genes involved in NAD de novo biosynthesis in <i>Corynebacterium glutamicum</i> .	H. Teramoto, M. Suda, M. Inui and H. Yukawa.	Appl. Environ. Microbiol. 76:5488–5495. 2010.
8	Antisense-RNA-mediated plasmid copy number control in pCG1-family plasmids, pCGR2 and pCG1, in <i>Corynebacterium glutamicum</i> .	N. Okibe, N. Suzuki, M. Inui and H. Yukawa.	Microbiology 156:3609–3623. 2010.
9	Regulation of genes involved in sugar uptake, glycolysis and lactate production in <i>Corynebacterium glutamicum</i> .	H. Teramoto, M. Inui and H. Yukawa.	Future Microbiol. 5:1475–1481. 2010.

■ 2010 Oral Presentation

	Title	Researchers	Forum
1	Technology and Innovation for Production of Cellulosic Biofuels	Toru Jojima and Hideaki Yukawa.	UNEP-GEC Regional Workshop on Waste Agricultural Biomass, March 4, 2010
2	Involvement of L-lactate-responsive transcriptional regulator LldR in controlling of expression of the <i>ldhA</i> gene encoding L-lactate dehydrogenase in <i>Corynebacterium glutamicum</i>	Koichi Toyoda, Haruhiko Teramoto, Masayuki Inui, and Hideaki Yukawa.	SIM Annual Meeting, August 2, 2010
3	Identification of a second beta-glucoside phosphoenolpyruvate, carbohydrate phosphotransferase system in <i>Corynebacterium glutamicum</i> R	Yuya Tanaka, Haruhiko Teramoto, Masayuki Inui, and Hideaki Yukawa.	SIM Annual Meeting, August 2, 2010
4	Biorefinery: Today and Tomorrow	Hideaki Yukawa	2nd Asian Core Program Joint Seminar on Capacity Building and Development of Microbial Potential and Fermentation Technology towards New Era, November 20, 2010

■ 2010 Non-Journal Publication

	Title	Researchers	Magazine, Newspaper, etc.
1	L-aspartic acid	S. Okino, M. Inui and H. Yukawa.	Encyclopedia of Industrial Biotechnology: Bioprocess, Bioseparation, and Cell Technology. John Wiley and Sons, Inc
2	L-isoleucine	T. Jojima, M. Inui and H. Yukawa.	Encyclopedia of Industrial Biotechnology: Bioprocess, Bioseparation, and Cell Technology. John Wiley and Sons, Inc
3	Advanced fermentation technologies	M. Inui, A.A. Vertès and H. Yukawa.	Biomass to Biofuel: Strategies for Global Industries. John Wiley and Sons, Ltd

Chemical Research Group

■ 2010 Original Paper

	Title	Researchers	Journal
1	Heats of reaction and vapor–liquid equilibria of novel chemical absorbents for absorption/recovery of pressurized carbon dioxide in IGCC–CCS processes	Kin-ya Tomizaki, Shinkichi Shimizu, Masami Onoda, Yuichi Fujioka	Ind. Eng. Chem. Res. 49, 1214–1221 (2010)
2	¹³ C-NMR Studies on the dissolution mechanisms of carbon dioxide in amine-containing aqueous solvents at high pressures toward an IGCC–CCS process	Kin-ya Tomizaki, Shinkichi Shimizu, Masami Onoda, Yuichi Fujioka	Ind. Eng. Chem. Res. 49, 1222–1228 (2010)
3	Prediction of the basicity of aqueous amine solutions and the species distribution in amine-H ₂ O-CO ₂ system using the COSMO-RS method	Hidetaka Yamada, Shinkichi Shimizu, Hiromichi Okabe, Firoz Alam Chowdhury, Yuichi Fujioka	Ind. Eng. Chem. Res. 49, 2449–2455 (2010)
4	Preliminary estimations of energy and cost for CO ₂ recovery by a membrane flash process utilizing waste thermal energy	Kazuhiro Okabe, Hiroshi Mano, Yuichi Fujioka	International Journal of Greenhouse Gas Control 4(4), 597–602 (2010)
5	Hydrogen separation membrane encapsulating Pd nanoparticles in a mesoporous silica layer	katsunori Yogo, Manabu Miyamoto, Yuichi Fujioka, Kensuke Nagata (NAIST)	Desalination and Water Treatment 17, 233–241 (2010)

■ 2010 Oral Presentation

	Title	Researchers	Forum
1	Development of novel Poly(amidoamine) dendrimer membranes and their CO ₂ Separation Properties	Teruhiko Kai, Shuhong Duan, Firoz Alam Chowdhury, Shingo Kazama, Tomoyuki Kato(NAIST)	NAMS/ICIM2010 (Washington D.C., USA The Mandarin Oriental Hotel) 19 July 2010
2	Synthesis and selection of hindered new amine absorbents for CO ₂ capture	Firoz Alam Chowdhury, Hiromichi Okabe, Hidetaka Yamada, Masami Onoda, Yuichi Fujioka	10th International Conference on Greenhouse Gas Control Technologies(GHGT-10) (RAI Amsterdam, The Netherlands) 20 September 2010
3	Quantum chemical analysis of carbon dioxide absorption into aqueous solutions of moderately hindered amines	Hidetaka Yamada, Hiromichi Okabe, Shinkichi Shimizu, Yuichi Fujioka, Yoichi Matsuzaki(Nippon Steel Corporation)	10th International Conference on Greenhouse Gas Control Technologies(GHGT-10) (RAI Amsterdam, The Netherlands) 21 September 2010
4	High efficiency CO ₂ capture with amine solution from high pressure gas	Hiroshi Machida, Shin Yamamoto, Satoshi Kodama, Kazuya Goto, Shinkichi Shimizu, Hiromichi Okabe, Yuichi Fujioka	10th International Conference on Greenhouse Gas Control Technologies(GHGT-10) (RAI Amsterdam, The Netherlands) 21 September 2010
5	Development of an energy-saving CO ₂ -PSA process using hydrophobic adsorbents	katsunori Yogo, Tsuyoshi Watabe, Yuichi Fujioka, Yosuke matsukuma, Masaki Minemoto (Kyusyu Univ.)	10th International Conference on Greenhouse Gas Control Technologies(GHGT-10) (RAI Amsterdam, The Netherlands) 21 September 2010
6	Development of Molecular Gate Membrane Module for CO ₂ Capture from Pressurized Gas Stream	Shingo Kazama, Takashi Yamaguchi, Shin-ichi Minegishi, Takaji Shintani, Toshihiro Terauchi, Yoshiki Nobuto, Kazunari Tanaka, Mikihiro Hayashi(Nippon Steel Corporation)	10th International Conference on Greenhouse Gas Control Technologies(GHGT-10) (RAI Amsterdam, The Netherlands) 21 September 2010
7	Effects of membrane properties on CO ₂ recovery performance in a gas absorption membrane contactor	Hiroshi Mano, Yuichi Fujioka, Nobuhide Takahashi, Yusuke Furuta, Hiroshi Fukunaga, Toru Takatsuka(Shinshu Univ.)	10th International Conference on Greenhouse Gas Control Technologies(GHGT-10) (RAI Amsterdam, The Netherlands) 21 September 2010
8	Development of a Low Cost CO ₂ Capture System with a Novel Absorbent under the COCS Project	Kazuya Goto, Firoz Alam Chowdhury, Hiromichi Okabe, Shinkichi Shimizu, Yuichi Fujioka	10th International Conference on Greenhouse Gas Control Technologies(GHGT-10) (RAI Amsterdam, The Netherlands) 23 September 2010
9	Development of Poly(amidoamine) Dendrimer/ Poly(vinyl alcohol) Membrane for CO ₂ Capture	Shuhong Duan, Ikuo Taniguchi, Teruhiko Kai, Shingo Kazama	AMS-6(Sydney, Australia) 24 November 2010
10	Gas permeation properties of amine loaded mesoporous silica membranes for CO ₂ separation	Katsunori Yogo, Manabu Miyamoto, Ayato Takayama, Shigeyuki Uemiya (Gifu Univ.)	AMS-6(Sydney, Australia) 24 November 2010
11	CO ₂ absorption characteristics of 2-isopropylaminoethanol(IPAE) aqueous solution	Kazuya Goto, Firoz Alam Chowdhury, Satoshi Kodama, Hiromichi Okabe, Yuichi Fujioka	pacifichem 2010(Honolulu, Hawaii) 16 December 2010
12	Absorption rate and plant performance of novel amine solvents for CO ₂ capture	Kazuya Goto, Satoshi Kodama, Hiromichi Okabe, Yuichi Fujioka	pacifichem 2010(Honolulu, Hawaii) 16 December 2010
13	Novel amine solution development for high pressure CO ₂ capture and application examination to IGCC gas	Shin Yamamoto, Hiroshi Machida, Hiromichi Okabe, Yuichi Fujioka	pacifichem 2010(Honolulu, Hawaii) 16 December 2010
14	Polymeric membranes containing poly(amidoamine) (PAMAM) dendrimer for preferential CO ₂ separation over H ₂	Ikuo Taniguchi, Ryosuke Shimizu, Shuhong Duan, Teruhiko Kai, Shingo Kazama	pacifichem 2010(Honolulu, Hawaii) 18 December 2010

CO₂ Storage Research Group■2010 Original Paper [R & D project of CO₂ Storage Technology]

	Title	Researchers	Journal
1	Experimental study on CO ₂ monitoring and quantification of stored CO ₂ in saline formations using resistivity measurements	Yoshihiro Nakatsuka, Ziqiu Xue, Henry Garcia, Toshifumi Matsuoka	International Journal of Greenhouse Gas Control, Volume 4, Issue 2, March 2010, Pages 209–216
2	Supercritical CO ₂ core flooding and imbibition in Tako sandstone – Influence of sub-core scale heterogeneity	Shi Ji-Quan, Xue Ziqiu, Durukan Sevket	International Journal of Greenhouse Gas Control, in press, 2010
3	Reservoir Simulation Verification of CO ₂ injection into an Onshore Aquifer, Nagaoka, Japan	Henry Garcia, Ziqiu Xue, Zhejun Pan, Toshifumi Matsuoka	International Journal of Greenhouse Gas Control, submitted
4	Monitoring and simulation studies for assessing macro- and meso-scale migration of CO ₂ sequestered in an onshore aquifer: Experiences from the Nagaoka pilot site, Japan.	Kozo Sato, Saeko Mito, Tadashi Horie, Hiroshi Ohkuma, Hideki Saito, Jiro Watanabe, Tsukasa Yoshimura	International Journal of Greenhouse Gas Control, in press, 2010
5	Saline aquifer CO ₂ sequestration in Japan methodology of storage capacity assessment	Toyokazu Ogawa, Shigetaka Nakaniishi, Takumi Shidahara, Tadahiko Okumura, Eiji Hayashi	International Journal of Greenhouse Gas Control, in press, available online 28 Oct. 2010
6	Seismic monitoring of residual super critical CO ₂ in a water-saturated porous sandstone	Keigo Kitamura, Ziqiu Xue	Journal of the Mining and Materials Processing Institute of Japan, submitted

■2010 Oral Presentation [R & D project of CO₂ Storage Technology]

	Title	Researchers	Forum
1	Comparative assessment of CCS with other technologies mitigating climate change	Toshihiko Miyagawa, Ryuji Matsuhashi, Shigeo Murai, Motoshi Muraoka	10th International conference of Greenhouse Gas Control Technologies, September 2010, Amsterdam, The Netherlands
2	Scenario analysis on hypothetical site condition for geological CO ₂ sequestration in Japan	Koichi Takizawa, Hironobu Komaki, Eiji Hayashi, Shigeo Murai, Shinzo Ueta, Kohhei Yamaguchi, Makoto Tsuchiya	10th International conference of Greenhouse Gas Control Technologies, September 2010, Amsterdam, The Netherlands
3	Life Cycle Assessment Performed on a CCS Model Case in Japan and Evaluation of Improvement Facilitated by Heat Integration	Satoshi Nagashima, Toshihiko Miyagawa, Masaki Matsumoto, Satoshi Suzuki, Hironobu Komaki, Masato Takagi, Shigeo Murai	10th International conference of Greenhouse Gas Control Technologies, September 2010, Amsterdam, The Netherlands
4	The Data base of investigation result of saline aquifers for CO ₂ storage in Japan.	Masao Ohoka, Shinichi Hiramatu, Kazuo Koide, Nakanishi Shigetaka, Akasaka Chitoshi, Eiji Hayashi, Hideaki Miida	10th International conference of Greenhouse Gas Control Technologies, September 2010, Amsterdam, The Netherlands
5	CO ₂ sequestration monitoring in a low formation water salinity reservoir	Doug Murray, Tadash Horie, Tukasa Yoshimura, Saeko Mito	IOGCEC (International Oil & Gas Conference and Exhibition in China), SPE
6	Ultrasonic velocity monitoring of CO ₂ migration and formation of residual trapping in porous sandstones	Keigo Kitamura, Ziqiu Xue, Tatsuya Yamada, Toshifumi Matsuoka	SEG development and Production Forum 2010, Boston
7	Review of evaluation methodology for storage capacity using heterogeneity geological model	Ikuo Okamoto, Hiroshi Okuma, Yukiko Obuchi, Akihiko Sato, Kameichiro Nakagawa	Spring meeting of the Mining and Materials Processing Institute of Japan, 2010
8	Development of reservoir structure evaluation technology of micro array survey	Kameichiro Nakagawa, Yukihiko Mizuochi, Ikuo Okamoto, Tetsuya Kogure, Hisao Hayashi, Tatsuro Matsuoka	Spring meeting of the Mining and Materials Processing Institute of Japan, 2010
9	The Role of rock mechanics for CO ₂ geological storage	Ziqiu Xue	Fall meeting of the Mining and Materials Processing Institute of Japan, 2010
10	Simultaneous measurement of Vp and Vs of Tako sandstone	Keigo Kitamura, Ziqiu Xue, Osamu Nishizawa	Society of Exploration Geophysicists of Japan Conference 2010
11	Repeated multi-electrode resistivity measurements of a small-scale carbon dioxide gas injection experiment	Takakura, Shinichi Tosa, Toshiyuki	Japan Geoscience Union meeting 2010
12	Research and Development Activity of Marine Environment AssessmentTechnology for CCS in RITE (invited)	Michimasa Magi	IEAGHG CO ₂ Natural Release, Germany, 2010

■2010 Others [R & D project of CO₂ Storage Technology]

	Title	Researchers	Forum
1	Development of prediction methods of CO ₂ influence to marine environment, plankton and benthos around seabed	Michimasa Magi, Yukihiko Yazaki	10th International conference of Greenhouse Gas Control Technologies, September 2010, Amsterdam, The Netherlands
2	Outcome of the Ocean Sequestration Project, and Technical Evaluation of CCS as Mitigation Measure of Increase Atmospheric CO ₂ and Ocean Acidification	Michimasa Magi, Shigeo Murai	10th International conference of Greenhouse Gas Control Technologies, September 2010, Amsterdam, The Netherlands

■ 2010 Oral Presentation [R & D project of CO₂ Long Term Predictions]

	Title	Researchers	Forum
1	Post injection monitoring of stored CO ₂ at the Nagaoka pilot site: 5 years time-lapse well logging results	Saeko Mito, Ziqiu Xue	10th International conference of Greenhouse Gas Control Technologies, September 2010, Amsterdam, The Netherlands
2	Post-injection monitoring at the Nagaoka site	Saeko Mito, Ziqiu Xue	IEA GHG 6th monitoring network meeting, 2010
3	The activities of RITE and Japan in the field of geological storage of CO ₂ and collaboration with the EU	Saeko Mito, Ziqiu Xue	CO ₂ GeoNet Open Forum, Venice, Italy, May 2010
4	Trapping mechanisms in CO ₂ geological sequestration -case study at the Nagaoka site-	Saeko Mito	Japan German Research and Innovation Forum 2010
5	Integrated well-based monitoring of injected CO ₂ at the Nagaoka pilot site (invited)	Ziqiu Xue	16th Formation Evaluation Symposium of Japan, 2010

■ 2010 Oral Presentation [Japan China CCS-EOR]

	Title	Researchers	Forum
1	Development of CCS technologies in Japan (invited)	Shigeo Murai	Fifth Japan-China Energy Conservation Forum, Tokyo, Japan, 2010