

3.2 Conference/Symposium Presentations / 学会発表

Conference/Symposium Presentations – Overseas

- Abd Elbasit M. A. M., Saito, T., Yasuda, H. and Anyoji, H. (Nov. 2008): Potential of close range photogrammetry for interrill soil erosion quantification, Desert Technology IX International Conference, Douz, Tunisia.
- Ando, T. (Nov. 2008): A New international cooperation framework for dryland development under “Public-Private~Academia” Partnership “an example with *Jatropha* project”. Ninth International Conference on Dryland Development, Alexandria, Egypt.
- Bat-Oyun, T., Shinoda, M. and Tsubo, M. (Mar. 2009): Simulation of pasture productivity in Mongolian grasslands using a production efficiency model. International Symposium on Agricultural Meteorology 2009, Koriyama, Japan.
- Hauger, J.S., Tsunekawa, A. and Sun, Q. (June 2008): Global Collaboration to Address Global Problems: Trans-Pacific Collaboration on Global Change and Sustainable Living on Arid Lands. the AAAS Pacific Division Annual Meeting, Waimea, Hawaii.
- Inoue, M., Irshad, M., Saito, T., Yamazaki, S. and Fujimaki, H. (Apr. 2008): Evaluating the accuracy of dielectric moisture probes under saline condition. 2nd International Salinity Forum, 92-93, Adelaide, Australia.
- Inoue, T., Inagaki, M., Inanaga, S., An, P., Nachit, M. M. (Nov. 2008): Contribution of post-anthesis assimilates to grain yield of durum wheat genotypes under drought stress. The 9th International Conference on Dry Land Development: Sustainable Development of dry areas- Meeting the challenge of global climate change. 7-10 November 2008, Bibliotheca Alexandrina, Alexandria, Egypt.
- Inoue, T., Sugimoto, Y., Babiker, A.G.E., Mahgoub, M., Eltyeb, A.A. (Dec. 2008): Stomatal response of *Striga* and host plant under water stress and foliar application of ABA. JSPS International Seminar: Devastating Effects of Striga on African Agriculture and Development of Countermeasures. 5 December 2009. Kobe, Japan.
- Inthavong, T., Tsubo, M. and Fukai, S. (Sep. 2008): Soil clay contributing to determination of growing period in rainfed lowland rice. The 14th Australian Society of Agronomy Conference. Adelaide, Australia.
- Irsahd, M., Yasuda, H. and Inoue, M. (April 2008): Sustainable management of salinity – Induced land degradation. 2nd International Salinity Forum, 124-125, Adelaide, Australia.
- Ito, T.Y. (Sep. 2008): The present situation of wild animals in the Mongolian Gobi and threats to them. International Conference on “Northeast Asian Regional Cooperation and Development: Mongolia’s Foreign Economic Relations and Northeast Asian Regional Cooperation”. Changchun, China.
- Ito, T.Y. (Oct. 2008): Long distance migration of Mongolian gazelles and impacts of an international railroad on wildlife in Mongolia. Workshop on Environmental Conservation and Sustainable Livelihoods in the Cold Desert Region of Asia. Solan, India.
- Ito, T.Y., Tsuge, M., Lhagvasuren, B., Tsunekawa, A. and Takatsuki, S. (Nov. 2008): Effects of interannual climatic fluctuation on habitat use of Mongolian gazelles. 9th International Conference on Dry Land Development. Alexandria, Egypt.
- Kawai, T., Yasuda, H., Saito, T. and Tada, Y. (Nov. 2008): The influence of sediment heterogeneity on percolation in sand dune, 9th International Conference on Desert Technologies, Douz, Tunisia.
- Kawai, T., Yasuda, H., Saito, T., Tada, Y. and Honda, N. (Nov. 2008): A contributing factor to soil water

- movement in dune, Ninth International Conference on Dryland Development, Alexandria, Egypt.
- Kimura, R. and Shinoda, M. (Mar. 2009): Observation of dust outbreaks in Mongolia – Effect of vegetation on the dust outbreaks –. International Symposium on Agricultural Meteorology 2009, Koriyama, Japan.
- Kimura, R. (March 2009): Spatial distribution of the threshold wind speed for dust outbreak in Northeast Asia. The eighth seminar on new developments of the Islamic Thoughts-The seminar on civilization dialogue between the Islamic World and Japan. Kuwait, Kuwait.
- Kinugasa, T., Shinoda, M. and Tsunekawa, A. (June-July 2008): Increasing nitrogen deposition and grassland productivity in Mongolia. Joint Meeting of the International Grassland Congress and the International Rangeland Congress, Hohhot, China.
- Koike, T. and Shinoda, M. (Mar. 2009): Temperature changes during pre- and post-precipitation in Mongolia International Symposium on Agricultural Meteorology 2009, Koriyama, Japan.
- Kurosaki Y., Mikami M., Shinoda M., and Sokolik I.N. (Sep. 2008): Statistically estimated threshold wind speed from surface synoptic data in East Asia. 3rd International Workshop on Mineral Dust. Leipzig, Germany.
- Kurosaki Y., Sokolik I.N., and Shinoda M. (Sep. 2008): Analyses of ground-based observations for developing a 50-Year dust climatology in Central and East Asia. 3rd International Workshop on Mineral Dust. Leipzig, Germany.
- Kurosaki Y., Mikami M., Shinoda M., and Sokolik I.N. (Nov. 2008): Spatial distribution of threshold wind speed for dust emission in East Asia and its seasonal changes. International Dryland Development Commission (IDDC), 9th International Conference on Dry Land Development: Sustainable Development of Dry Areas- Meeting the Challenge of Global Climate Change, Alexandria, Egypt.
- Li, S.Q., Lu, H.L., Gao, J.L., Shao, M.A. and Kimura, R. (Sep. 2008): Contributions of organic N forms to mineralized N during incubation experiments of the soils on the Loess Plateau. CAS-JSPS core university program Japan-China joint seminar on combating desertification and development in inland China of year 2008. Tottori, Japan.
- Mohamed A. M. Abd Elbasit, Anyoji, H. and Yasuda, H. (June 2008): Discrimination of intra-rainfall event soil microtopography changes using digital close-range photogrammetry, 5th Annual Meeting, Asia Oceania Geosciences Society, Pusan, Korea
- Mohamed A. M. Abd Elbasit, Yasuda, H., Atte Salmi and Anyoji, H. (June 2008): Assessment of sediment generation and rainfall erosivity indices under dripper-type rainfall simulator using piezoelectric transducers, 5th Annual Meeting, Asia Oceania Geosciences Society, Pusan, Korea.
- Nandintsetseg, B., Shinoda, M., Kimura, R., and Ibaraki, Y. (Mar. 2009): Interannual Variations of Soil Moisture in Mongolia. International Symposium on Agricultural Meteorology 2009, Koriyama, Japan.
- Matsuoka, N., Kimura, R., Tsubo, M., Shibata, S., Li, S.Q., Zheng, J., Zhang, X. and Kon, H. (Sep. 2008): Characteristics of evaporation and respiration over alfalfa (*Medicago sativa* L.) in Loess Plateau. CAS-JSPS core university program Japan-China joint seminar on combating desertification and development in inland China of year 2008. Tottori, Japan.
- Mohamed A. M. Abd Elbasit, Yasuda, H., Yamamoto, H. and Anyoji, H. (July 2008): Quantification of soil microtopography using customer-grade camera and digital close range photogrammetry techniques,

- The XXI Congress the International Society for Photogrammetry and Remote Sensing, Beijing, China.
- Mohamed, A.A., Kimura, R. and Li, S.Q. (Sep. 2008): Index derived from ground measurements for assessment of moisture availability. CAS-JSPS core university program Japan-China joint seminar on combating desertification and development in inland China of year 2008. Tottori, Japan.
- Mohamed, A.A., Kimura, R., Shinoda, M. and Moriyama, M. (July 2008): Day-night surface temperature difference index derived from ground measurements for assessment of moisture availability. The 4th international conference on environmental science and technology 2008. Texas, USA.
- Mu, H., Battsetseg, B., Ito, T.Y., Otani, S. and Kurozawa, Y. (Nov. 2008): Subjective symptom of the eyes and the respiratory system in inhabitants of Mongolia. 9th International Conference on Dry Land Development. Alexandria, Egypt.
- Otani, S., Mu, H., Kotani, K., Kurozawa, Y. and Ohno, G. (Jul. 2008): Dryness-associated disorder in Antarctica: an arid land model. Scientific Committee on Antarctic Research / International Arctic Science Committee Open Science Conference. St. Petersburg, Russia.
- Otani, S., Mu, H., Onishi, K., Luo, H. and Kurozawa, Y. (Nov. 2008): Effects of the Asian dust events on daily symptoms of healthy subjects in Western Tottori, Japan. 9th Conference on Dryland Development. Alexandria, Egypt.
- Ould Ahmed, B. A., Inoue, M., Kido, A., Okamoto, T., and Yonezawa, J. (Oct. 2008): Investigation on porous amendment for sandy soil to enhance water efficiency and crop production. International Conference on Water and Agriculture, Fez, Morocco.
- Saito T., Yasuda, H., Dhavu, K., Kawai, T., M.A.M. Abd Elbasit, Tsunekawa, A. and Li, S. (Nov. 2008): Relationships between soil, topography and tree growth in a water harvesting system in the Loess Plateau, China, 9th International Conference on Desert Technologies, Douz, Tunisia.
- Saito, T., Yasuda, H. and Fujimaki, H. (June 2008): Simulation of soil water movement in a water harvesting system with sand ditches. In H. Saito, M. Sakai, N. Toride and J. Šimůnek (eds.), Proc. of The Third HYDRUS Workshop, Jun 28, 2008, Univ. of Agriculture and Technology, Tokyo, Japan, ISBN 978-4-9901192-5-6, pp.148-152.
- Saito, T., Kawai, T., Yasuda, H., Tsunekawa, A., Zheng, J. and Zhang, X. (Nov. 2008.): Evaluation and improvement of the soil water storage in a water harvesting system in the Loess Plateau, China. 9th International Conference on Dryland Development, Alexandria, Egypt.
- Shinoda, M. (Nov. 2008): Drought memory concept and its application to an early warning. Ninth International Conference on Sustainable Development in Drylands – Meeting the Challenge of Global Climate Change, Alexandria, Egypt.
- Sonobe, K., Hattori, T., An, P., Tsuji, W., Eneji, A. E., Tanaka, K. and Inanaga, S. (Jul. 2008): Silicon maintains effective leaf photo synthesis and stomatal conductance in water-stressed sorghum. Proceedings of the international conference on sustainable agriculture for food, energy and industry, Sapporo, Japan.
- Tahir, I. S. A., Elbasher, A. M. E., Saad A.S. I. and Tsuji, W. (Nov. 2008): Genotypic variation in wheat grain yield and related traits in response to different nitrogen levels under a heat-stressed environment. 9th International Conference on Development of Drylands, Sustainable Development in Drylands -Meeting the Challenge of Global Climate Change-, Alexandria, Egypt.
- Thomas, R.J., Bruggeman, A., Turkelboom, F., La Rovere, R., Aw-Hassan, A., Luijendijk, E., El-Dessougi, H., Waheibi, S. and Masri, Z. (2008): Khanasser Valley, Syria. In “Sustainable management of

- marginal drylands: Using science to promote sustainable development, project findings from Northern Africa to Asia". Lee, C. and Schaaf, T. (Eds.), UNESCO-MAB, Paris, France. 174-197.
- Tsunekawa, A. (Nov. 2008): New challenges of science and technology in dryland development - bridging dryland science and on-the-ground practice -. Ninth International Conference on Dryland Development, Alexandria, Egypt.
- Tsuji, W., Tsunekawa, A., Kurozawa, Y., Koike, A., Nishino, S., Mu, H., Li, L. and An, P. (Sep. 2008): Progress of 'Subject 3' in "Comprehensive approach for combat desertification". Japan -China joint open seminar on combating desertification and development in inland China, Tottori, Japan.
- Tsuji, W., Takeda, I. and Araki, H. (Nov. 2008): Effects of defoliation on photosynthesis and grain yield in sorghum under drought stress. 9th International Conference on Development of Drylands, Sustainable Development in Drylands -Meeting the Challenge of Global Climate Change-, Alexandria, Egypt.
- Turkelboom, F., Thomas, R., Masri, Z., Bruggeman, A. (Aug. 2008): Adaptive management to address sustainable land management and its relevance to climate change: A case study from Syria. Abstract submitted for the International Conference on Disaster and Risk, IDRC, Davos, Switzerland.
- Yamanaka, N., Du, S., Yamamoto, F., Otsuki, K., Xue, Z., Wang, S. and Hou, Q. (Nov. 2008): Stand structure and growth of a natural *Quercus liaotungensis* forest under drought stress in the loess plateau of China. The 9th International Conference on Dryland Development, Alexandria, Egypt.
- Yasuda, H., Hinokidani, O., Huang, J., Kimura, R., Saito, R., Anyoji, H., Zheng, J., Zhang, X., Matsuoka, N. and Zhao, P. (Sep. 2008): Groundwater fluctuation at a dam farm land in Chinese Loess Plateau-Effect of water uptake by plants-. CAS-JSPS core university program Japan-China joint seminar on combating desertification and development in inland China of year 2008. Tottori, Japan.
- Zafar, A., King, C., Schaaf, T., Thomas, R., Schuster, B. (May 2008): People in marginal lands – managing natural resources to improve human well-being, UNESCO/UNU/ICARDA .

Conference/Symposium Presentations – Japanese

- Abe, J., Tsuji, W., Inoue, T. (Mar. 2009): Effect of silica application on the number of fruit under drought stress in cucumber. The 227th Meeting of the Crop Science Society of Japan, Tsukuba, Japan. [阿部 淳・辻渉・井上知恵 (2009年3月) : 土壌乾燥下でケイ酸施肥がキュウリの収穫果実数に及ぼす影響. 第227回日本作物学会講演会, つくば.]
- Andry, H.R., Inoue, M., Yamamoto, T. and Fujiyama, H. (Jun. 2008): Inverse estimation of clay soil unsaturated hydraulic conductivity treated with organic material by multistep outflow method. Proceeding of the HYDRUS Workshop & Short course, 107-111, Tokyo, Japan.
- Cheng Y., Kamijo T., Nakamura T. (Oct. 2008): A phytosociological study of steppe vegetation in the Eurasian Continent. The Society of Vegetation Science. [程云湘・上條隆志・中村徹 (2008年10月) ユーラシア大陸におけるステップ植生の植物社会学的研究. 植生学会第13回大会 (東京農工大学), 東京.]
- Hirobe, M., Sakamoto, K., Nozawa, M., Kawakami, Y., Kondo, J. and Yamanaka, N. (Mar.2009): Spatial heterogeneity of forest floor environment in a secondary beech forest of Mt. Daisen. The 120th Annual meeting of The Japanese Forestry Society, Kyoto. [廣部 宗・坂本圭児・野澤正行・川上悠助・近藤順治・山中典和 (2009年3月) : 大山ブナ二次林における林床環境の空間的不均質性. 第120回日本森林学会大会, 京都.]
- Imada, S., Yamanaka, N. and Tamai, S. (Mar. 2009): Relations between root growth and determinant factors for the whole growth of *Populus alba* under changing water table depth. The 56th Annual

- meeting of The Ecological Society of Japan, Morioka. [今田省吾・山中典和・玉井重信 (2009年3月): 水位変動下におけるウラジロハコヤナギ成長の決定要因と根の成長との関係. 第56回日本生態学会大会, 盛岡.]
- Inosako, K., Kozaki, S., Inoue, M. and Takuma, K. (Jun. 2008): Analysis of water movement in a wick sampler using HYDRUS-2D code. Proceeding of the HYDRUS Workshop & Short course, 91-96, Tokyo, Japan.
- Inoue, M., Inosako, K. and Uzoma, K.C. (Jun. 2008): Determination of soil hydraulic properties of undisturbed core sample using continuous suction outflow method. Proceeding of the HYDRUS Workshop & Short course, 103-106, Tokyo, Japan.
- Inoue, M. (July 2008): Technical options of vegetable cultivation in sandy field using soil water control system for high-quality production, 55th symposium 'active knowledge of sand dune agriculture for environmental conservation', Japanese Society of Sand Dune Research, 103-108, Osaka [井上光弘 (2008年7月): 土壌水分制御による高品質化をめざした砂地野菜栽培技術、第55回全国大会シンポジウム「環境保全型農業に生かす砂丘地農業の知恵」, 日本砂丘学会, 103-108, 大阪.]
- Inoue, M. (Oct. 2008): Estimation of soil hydraulic properties using multi-step method, Introduction of new function and future landscape of HYDRUS-1D, 47th proceedings of soil physic section of JSIDRE, 109-128, Mie [井上光弘 (2008年10月): マルチステップ法による水分移動特性の推定, 第47回農業農村工学土壌物理研究部会研究集会, HYDRUS-1Dの新機能の紹介と今後の展開, 109-128, 三重.]
- Irshad, M. and Yasuda, H. (Dec. 2007): Agricultural Water Management Strategies in Arid and Semi-Arid Areas. Presented at Annual Meeting of Joint Research at ALRC, Tottori.
- Ito, T., Lhagvasuren, B., Buuveibaatar, B. and Tsunekawa, A. (Mar. 2009): Differences of movement patterns between two sympatric ungulates in Mongolian steppe. The 56th Annual Meeting of the Ecological Society of Japan. Morioka, Japan. [伊藤健彦・B. Lhagvasuren・B. Buuveibaatar・恒川篤史 (2009年3月): モンゴル草原に同所的に生息する有蹄類2種の移動パターンの違い. 日本生態学会第56回大会, 盛岡.]
- Kamiya, K. and Inoue, M. (July 2008): Considerations on a simple method for predicting water characteristic curve from drying characteristic of unsaturated sandy soil, 43rd proceedings of the Japanese Geotechnical Society, 1081-1082, Hiroshima [神谷浩二・井上光弘 (2008年7月): 不飽和砂の乾燥特性から水分特性曲線を推定する簡易法の考察、第43回地盤工学研究発表会、1081-1082]
- Kaneuchi, T., Kingshuk R., Yamamoto, T. and Inoue, M. (Aug 2008) Capture of Excessive Salt from Soil by using Artificial Zeolite. Proc. of the JSIDRE, 782-783, Akita [金内 敦・ロイ キンシュック・山本太平・井上光弘 (2008年8月): 人工ゼオライトを用いた土壌の塩類捕集について, 平成20年度農業農村工学会大会講演要旨集, 782-783, 秋田.]
- Kaneuchi, T., Yamamoto, T. and Inoue, M. (Oct. 2008). Effect of artificial zeolite on resistance to water erosion of sodic soil. Proc. of the JSIDRE, 63, 49-50, Hiroshima [金内 敦・山本太平・井上光弘 (2008年10月): 人工土壌によるソーダ質土壌の耐水食性効果, 第63回農業農村工学会中国四国支部講演会, 49-50, 広島.]
- Koyama, R., Asada, M. and Yamanaka, N. (Mar. 2009): Distribution of soil nitrogen in the Tottori Sand Dune: the seasonal change and spatial heterogeneity. The 56th Annual meeting of The Ecological Society of Japan, Morioka. [小山里奈・浅田将大・山中典和(2009年3月): 鳥取砂丘における窒素の分布: 空間的・時間的変動について. 第56回日本生態学会大会, 盛岡.]

- Koyama, S., Matsuo, N., Oki, K., Ojika, K., Sakamoto, D., Oote, N., Koyama, R., Yamanaka, N., Wang, L. H. and Yoshikawa, K. (Mar.2009) : Environmental and physiological controls over diurnal variation in the stable oxygen isotope composition of leaf water under field conditions. The 56th Annual meeting of The Ecological Society of Japan, Morioka. [小山晋平・松尾奈緒子・隠岐健児・小鹿耕平・垣本大・大手信人・小山里奈・山中典和・王林和・吉川賢 (2009年3月) : 蒸散が葉内水の酸素安定同位体比の日変化に与える影響. 第56回日本生態学会大会, 盛岡.]
- Kozaki, S., Inosako, K., Inoue, M. and Takuma, K. (Aug. 2008): Evaluation of sampling performance of wick samplers for multi-points observation in a sand dune field, Proc. of the JSIDRE, 534-535, Akita [古崎智子・猪迫耕二・井上光弘・田熊勝利 (2008年8月) : 砂丘畑における多点観測用ウィックサンプラーの採取性能の評価、平成20年度農業農村工学大会講演会, 534-535, 秋田.]
- Matsuura, A., Tsuji, W. and Murata, K. (Mar. 2009): Differences salt tolerance among common and Tartary buckwheat with attention to uptake and accumulation of Na⁺. The 227th Meeting of the Crop Science Society of Japan, Tsukuba. [松浦朝奈・辻渉・村田浩平 (2009年3月) : ナトリウムの吸収・蓄積からみた普通ソバとダツタンソバの耐塩性の差異. 日本作物学会第227回講演会, 筑波.]
- Miyazaki, M., Yamamoto, M., Du, S., Arima, J., Mori, N., Yamamoto, F. and Yamanaka, N. (Mar.2009): Effects of glycine betaine application on the water relations for woody plants from Loess Plateau, China. The 120th Annual meeting of The Japanese Forestry Society, Kyoto. [宮崎まどか・山本牧子・杜盛・有馬二郎・森信寛・山本福壽・山中典和 (2009年3月) : グリシンベタイン処理が中国黄土高原産樹木の水分生理に与える影響. 第120回日本森林学会大会, 京都.]
- Morii, T., Takeshita, Y., Inoue, M. and Matsumoto, S. (July 2008): Alternative procedure for soil slope stability using capillary barrier of soil, 43rd proceedings of the Japanese Geotechnical Society, 1083-1084, Hiroshima [森井俊広・竹下祐二・井上光弘・松本智 (2008年7月): キャピラリーバリアを利用した斜面減災技術の開発研究、第43回地盤工学研究発表会、1083-1084]
- Morii, T., Uehara, R., Kanda, M. and Inoue, M. (Aug. 2008): Alternative procedure for soil slope stability using capillary barrier of soil, Proc. of the JSIDRE, 626-627, Akita [森井俊広・上原るり香・神田美沙・井上光弘 (2008年8月): キャピラリーバリアを利用した斜面減災に関する技術検討、平成20年度農業農村工学大会講演会、626-627, 秋田.]
- Moritani, S., Yamamoto, T., Tanaka, S. and Inoue, M. (Aug. 2008) Evapotranspiration characteristic of salt tolerant plant under saline water irrigation. Proc. of the JSIDRE, 178-179, Akita [森谷慈宙・山本太平・田中聡・井上光弘 (2008年8月): 塩水灌漑条件下における耐塩性植物の蒸発散特性について、平成20年度農業農村工学大会講演要旨集 178-179, 秋田.]
- Otani, S. (Aug. 2008): Arid land medicine: Dose Japan catch a cold when Mongolia sneezes? The influence of yellow dust. Workshop on Antarctic Medical Research & Medicine 2008. Tokyo, Japan. [大谷眞二 (2008年8月) : 乾燥医学: モンゴルがくしゃみをするとうちが風邪をひく? ~黄砂の影響. 2008年南極医学医療ワークショップ, 東京.]
- Saito, T., Fujimaki, H., Yasuda, H. and Inoue, M. (Aug. 2008): Calibration and theoretical background of temperature dependences of ECH₂O probes, Proc. of the JSIDRE, 538-539, Akita [齊藤忠臣・藤巻晴行・安田 裕・井上光弘 (2008年8月) : ECH₂O水分プローブの温度依存性の理論的背景と校正, 平成20年度農業農村工学大会講演会, 538-539, 秋田.]
- Takeshita, Y., Morigami, S., Morita, S., Kuroda, S. and Inoue, M. (July 2008): Non-destructive measurements of unsaturated seepage flow by using Ground-penetrating radar, 43rd proceedings of the Japanese Geotechnical Society, 1087-1088, Hiroshima [竹下祐二・森上慎也・森田周三・黒田

- 清一郎・井上光弘 (2008年7月): 地中レーダーを用いた不飽和浸透挙動の非破壊計測、第43回地盤工学研究発表会、1087-1088, 広島.]
- Tojo, M., Yamamoto, M., Du, S., Arima, J., Mori, N., Yamamoto, F. and Yamanaka, N. (Sep.2008): Effect of S-ABA application on the accumulation of GB in the seedlings of woody plants from Loess Plateau, China. The 22nd Annual meeting of The Chugoku-Shikoku Branch of the Japan Society for Bioscience, Biotechnology and Agrochemistry, Tottori. [東条昌彦・山本牧子・杜 盛・有馬二郎・森信寛・山本福壽・山中典和 (2008年9月): 中国黄土高原産樹木苗木における S-ABA 散布処理が GB 蓄積に及ぼす影響, 第22回日本農芸化学会中四国支部大会, 鳥取.]
- Tsubo, M., Sano, K., Tsuji, W. and Tsunekawa, A. (Sep. 2008): Photosynthetic characteristics in *Jatropha curcas* L.: Responses to ambient temperature, light intensity and CO₂ concentration. The 226th academic meeting of the Crop Science Society of Japan, Kobe. [坪充・佐野耕介・辻 渉・恒川篤史 (2008年9月) : バイオディーゼル植物 *Jatropha curcas* L. の光合成特性—気温, 光強度および CO₂ 濃度に対する反応. 日本作物学会第226回講演会, 神戸.]
- Tsuji, W., Yamaguchi, A, Inoue, T., Inagaki, M., Nachit, M. (Sep. 2008): Effects of seed hardening on emergence and initial growth in wheat under drought stress and its genetic differences among varieties. The 226th Meeting of the Crop Science Society of Japan, Kobe, Japan. [辻 渉・山口敦史・井上知恵・稲垣正典・Miloudi Nachit (2008年9月) : 土壌乾燥ストレス下におけるコムギの出芽と初期成長に及ぼす seed hardening 処理の効果とその品種間差異. 第226回日本作物学会講演会, 神戸.]
- Wang, S., Inoue, M., Zhang, Q., Moritani, S., Tsuji, W., Tanabe, K. and Tamura, H. (Mar. 2009) : Establishment of irrigation critical value in berry maturity stage of grapevine based on photosynthesis and its transformation. Hort. Res. 8 (suppl.1):91 Kanagawa [王 世平・井上光弘・張 清濤・森谷慈宙・辻 渉・田邊賢二・田村文男 (2009年3月) : 光合成とその産物の転流によるブドウ果粒成熟期における灌漑限界値の確立, 園芸学会平成21年度春季大会, 第8巻(別冊1), p91, 神奈川.]
- Yin, L., Eltayeb, A. E., Wang, S., Kaminaka, H., Tsuji, W. and Tanaka, K. (Mar. 2009): Overexpression of dehydroascorbate reductase in transgenic tobacco confers tolerance to aluminum stress. The 50th Meeting of the Japanese Society of Plant Physiologist, Nagoya. [殷俐娜・Amin Elsadig Eltayeb・王仕穩・上中宏典・辻 渉・田中浄 (2009年3月) : デヒドロアスコルビン酸還元酵素過剰発現タバコのアルミニウム耐性. 第50回日本植物生理学会年会, 名古屋.]
- Zhang, Q., Wang, S., Moritani, S., Inoue, M., Xie, Q., Tsuji, W. and Tanabe, K (Oct. 2008): Establishment of irrigation critical value in berry growth stage of grapevines based on photogrammetry. Proc. of the JSIDRE, 63, 132-133. Hiroshima [張 清濤・王 世平・森谷慈宙・井上光弘・謝 強・辻 渉・田邊賢二 (2008年10月): 画像解析によるブドウの果粒肥大期における灌漑限界値の確立, 第63回農業農村工学会中国四国支部講演会, 132-133, 広島.]
- 大崎祥卓・木村玲二・大槻恭一・山中典和・竹内裕子(2008年12月): ADR センサーによるマツ枯れ過程のモニタリング. 日本農業気象学会中国四国支部会, 福山.
- 片岡良太・谷口武士・二井一禎 (2009年3月) : *Ralstonia basilensis* の培養ろ液からの抽出物が *Suillus granulatus* にあたえる影響. 第120回日本森林学大会, 京都.
- 河合隆行・安田 裕・齊藤忠臣・多田泰之・東条昌彦・本田尚正 (2008年7月) : 砂丘堆積構造物の不均一性評価とその影響, 第55回日本砂丘学会全国大会, 大阪.
- 河合隆行・安田 裕・齊藤忠臣・多田泰之・本田尚正 (2008年9月) : 砂丘堆積構造の不均一性が降雨浸透に及ぼす影響, 2008年度水文・水資源学会全国大会, 東京.

- 小池崇子・篠田雅人・森永由紀・Purevjav Gomboluudev (2008年5月) : モンゴルにおける寒冬・暖冬下の多雪. 日本気象学会2008年度春季学術大会, 横浜.
- 小池崇子・篠田雅人・森永由紀 (2008年12月) : モンゴルにおける降水前後の気温変化. 日本農業気象学会2008年度中国・四国支部大会, 福山.
- 小松豊・篠田雅人・植田宏昭 (2008年11月) : モンゴル東部における融雪時期の大気熱収支. 日本気象学会2008年度秋季学術大会, 仙台.
- 齊藤忠臣・藤巻晴行・安田 裕 (2008年5月) : 誘電率水分計の温度依存性が乾燥地土壌水分モニタリングに与える影響とその校正法. 日本沙漠学会第19回学術大会講演要旨集, 38-39, 岡山.
- 篠田雅人 (2008年7月) : 砂漠の気候. 東京モンゴル研究会, 東京.
- 篠田雅人 (2008年7月) : 黄砂発生と遊牧. 「乾いた大地 砂漠」第2回特別講演会「モンゴルの自然と砂漠化」, 大阪.
- 篠田雅人 (2008年10月) : モンゴルの草原と遊牧民. 2008年鳥取大学公開講座, 倉吉.
- 篠田雅人 (2008年10月) : モンゴルにおける黄砂発生と気象災害. 第35回技術士全国大会, 松江.
- 篠田雅人 (2008年11月) : 東アジアにおける砂漠化と黄砂発生. 温暖化・黄砂・酸性雨を考える研究会, 鳥取.
- 谷口武士 (2008年12月) : 森林の中で菌類が果たす役割. 日本菌学会関東支部第23回シンポジウム, 東京.
- 谷口武士 (2009年3月) : 地下部における菌類との相互作用が作り出す森林の種多様性. 第56回日本生態学会, 盛岡.
- 中野智子・篠田雅人 (2008年11月) : 半乾燥地草原における生態系呼吸速度の制御要因. 日本農業気象学会2007年度関東支部例会, つくば.
- 中野智子・篠田雅人 (2008年12月) : 半乾燥地草原における生態系呼吸速度とその制御要因. 共同研究発表会, 鳥取.
- 松岡延浩・木村玲二・今久 (2009年3月) : 細線熱電対と超音波風速温度計を用いた顕熱・潜熱フラックスの測定. 日本農業気象学会2009年全国大会, 郡山.

3.3 Reports / 報告書

Reiji Kimura (Sep. 2008): 21st Century COE Program Final Report of “Program for Arid Land Science”: Environmental Monitoring Group.