

3. Research Achievements (Apr. 2008- Mar. 2009) 研究業績 (2008年4月～2009年3月)

3.1 Journal Articles/Books/Book Chapters / 論文・著書

- Abd Elbasit A. M. Mohamed, Anyoji, H., Yasuda, H. and Saito, T. (July 2008): Simulation of hillslope interrill sediment generation using two modeling approaches and simulated rainfall experimental data, *Journal of Arid Land Research*, 18(2), 91-102.
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- Ahmed, O.C.A., Yasuda, H., Wang, K. and Hattori, K. (2008): Characteristics of rainfall in northern Mauritania and its links with sea surface temperature, *Journal of Arid Environment*, 72, 2243-2250.
- Al-Busaidi, A., Yamamoto, T., Inoue, M., Eneji, A. E. Mori, Y. and Irshad, M. (July, 2008): Effects of Zeolite on Soil Nutrients and Growth of Barley Following Irrigation with Saline Water, *Journal of Plant Nutrition*, 31, 1159-1173.
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- Andry, H.R., Yamamoto, T., Rasiah, V. and Fukada, M. (Oct. 2008): Physico-mechanical processes involved in sediment generation in a simulated acid soil, *Trans. of JSIDRE*, 257, 1-9 [Andry・山本太平・Rasiah, V.・深田三夫 (2008年10月): 擬似的に調合された酸性土壌に発生する土壌流亡プロセスの物理的メカニズム, *農業農村工学会論文集*, 257, 1-9.]
- Bai, M., Inosako, K., Liang, Y., Inoue, M. and Takuma, K. (Oct. 2008): Optimum irrigation scheduling for a cucumber field in a Chinese style greenhouse, - A case of Yan'an district on the Loess Plateau -, *Trans. of JSIDRE*, 257, 57-63.
- Bai, M., Inosako, K., Liang, Y., Inoue, M., Yamada, S. and Takuma, K. (Nov. 2008): Practical estimation method for soil hydraulic properties based on observed data in short-term experiments conducted in a foreign field, *Sand Dune Research*, 55(2), 71-84.
- Cheng, Y. (Mar. 2009): Soil and vegetation in arid region, In Shinoda, M. ed. *Nature in arid region*, Kokon Shoin, Tokyo, 77-90 (in Japanese). (ISBN978-4-7722-3106-0) [程云湘 (2009年3月) : 第3-2, 3-3 節, 植生, 過放牧・過耕作にともなう植生の退行と土壌劣化, 『乾燥地の土壌・植生. 篠田雅人編『乾燥地の自然』乾燥地科学シリーズ第2巻, 古今書院, 東京, 77-90. (ISBN978-4-7722-3106-0)]
- Cho, H. and Inoue, M. (Mar. 2009): Surface water flux dependent stability of flow in initially dry soil, *Journal of the Japanese Society of Soil Physics*, 111, 53-60. [長裕幸・井上光弘 (2009年3月): 乾燥土壌への散水に伴う浸潤の不安定化に関する研究, *土壌の物理性*, 111, 53-60.]
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