

International Symposium on Agricultural Meteorology 2014

Poster Session

Tue. 16:15- 18:00, 18 March

Core time for presentation: (16:15-17:05 for odd-numbered) and (17:10-18:00 for even-numbered)

IP- 1○	Characteristics of torrential rain damage in Yamaguchi and Shimane Prefectures in July 2013	Hokuto KOBAYASHI ¹ , Haruhiko YAMAMOTO ² and Minori YAMAMOTO ² (¹ Graduate School of Agriculture, Yamaguchi Univ., ² Department of Biological and Environmental Sciences, Faculty of Agriculture, Yamaguchi Univ.)
IP- 2	Link of rainfall time series in the Nile midstream with sea surface temperature	Hiroshi YASUDA ¹ , Mohamed A. M. Abd ELBASIT ² , Sudhindra N. PANDA ¹ , Hiroshi NAWATA ³ , Tariq E. GAMRI ⁴ and Takayuki KAWAI ⁵ (¹ Tottori Univ., ² Univ. of Johannesburg, ³ Akita Univ., ⁴ Desertification Research Center, ⁵ Niigata Univ.)
IP- 3	Estimation of spatial distribution of temperature in summer city area based on multiple regression analysis by using land-use element	Naru TAKAYAMA (Osaka Institute of Technology), Hisashi YOSHIKOSHI(NARO Western Region Agricultural Research Center), Haruhiko YAMAMOTO and Yoko HARADA (Yamaguchi Univ.)
IP- 4	A simple method for evapotranspiration estimation using satellite-based surface temperature	Masahiro TASUMI (The Univ. of Miyazaki), Reiji KIMURA (Tottori Univ.) and Masao MORIYAMA (Nagasaki Univ.)
IP- 5	Application of satellite-based aridity index in dust source regions of northeast Asia: Effect of land surface aridity on Asian dust events over Japan from 2000 to 2011	Reiji KIMURA (Tottori Univ.) and Masao MORIYAMA (Nagasaki Univ.)
IP- 6○	Estimation of the downward long-wave radiation using the GPS precipitable water vapor under clear sky condition	Tomohiro NOJIMA and Makito MORI (Kochi Univ.)
IP- 7○	Features of saltation and dust event in Tsogt-Ovoo, Mongolia	ABULAITI, A. ¹ , KIMURA, R. ¹ , SHINODA, M. ¹ , MIKAMI, M. ² , ISHIZUKA, M. ³ , YAMADA, Y. ⁴ , KUROSAKI, Y. ¹ and NISHIHARA, E. ⁵ (¹ Arid Land Research Center, Tottoi Univ., ² Meteorological Research Institute, ³ Kagawa Univ., ⁴ RIKEN, ⁵ Tottori Univ.)
IP- 8○	The effects of elevated [CO ₂] on canopy temperature of rice cultivars differing in heat tolerance and their relevance with grain appearance quality	Yasuhiro USUI ¹ , Hidemitsu SAKAI ¹ , Mayumi YOSHIMOTO ¹ , Takeshi TOKIDA ¹ , Hirofumi NAKAMURA ² , Hiroshi NAKAGAWA ³ and Toshihiro HASEGAWA ¹ (¹ NIAES, ² Taiyokeiki Co.Ltd., ³ NARO)
IP- 9	Changes in microclimate inside the canopy induced by water warming in rice paddy	Mayumi YOSHIMOTO, Minehiko FUKUOKA and Toshihiro HASEGAWA (NIAES)
IP- 10	Estimation of water and nitrogen balance in Northern Negros Island, Philippines	Shinkichi GOTO ¹ , Sunao ITAHASHI ² , Kiyoshi OZAWA ³ , Arnaldo ALVAREZ ⁴ , Oscar CARPIO ⁴ , Shotaro ANDO ¹ , Patrick ESPANTO ⁴ , Erwin RENOS ⁴ , Teresita SANDOVAL ⁴ and Samuel CONTRERAS ⁴ (¹ Japan International Research Center for Agricultural Sciences, ² National Institute for Agro-Environmental Sciences, ³ Meiji Univ., ⁴ Bureau of Soils and Water Management, Department of Agriculture)
IP- 11○	Relationship between water table and runoff in Kushiro Mire	Ryo OKAZAKI, Ryoji SAMESHIMA and Keiji OKADA (Hokkaido Univ.)
IP- 12	Estimating evaporation from moving water surface in an irrigation canal	Makito MORI ¹ , Suhua LIU ² , Weizhen WANG ² , Kenta TAGAWA ³ , Ryosuke NOMIYAMA ⁴ , Daisuke HISAEDA ⁴ and Tetsuo KOBAYASHI ² (¹ Kochi Univ., ² Cold and Arid Regions Environmental and Engineering Research Institute, China, ³ Saga Univ., ⁴ Kyushu Univ.)
IP- 13	Laboratory-scale experiments for the active-phase composting process under the same material and operating conditions	Takenobu SHISHIDO, ○Hirakazu SEKI, Tetsuoki HASHIMOTO and Keiichi HIRANO (Kanazawa Univ.)
IP- 14○	Characteristics of soil respiration rate at Bibai wetland site in northern Japan	Shinjiro OHKUBO, Osamu NAGATA and Yasuhiro KOMINAMI (NARO Hokkaido Agricultural Reserch Center)
IP- 15	The effect of soil temperature on the natural anaerobic decomposition of foliar litter	Ryosuke ENDO (Osaka Pref. Univ.)
IP- 16○	Leaf phenology and insect grazing of white birch (<i>Betula platyphylla</i> var. <i>japonica</i>) grown under a free-air ozone exposure	Tetsuichi SAKIKAWA ¹ , Monta OIKAWA ¹ , Qiaozhi MAO ¹ , Makoto WATANABE ² , Yasutomo HOSHIKA ³ and Takayoshi KOIKE ¹ (¹ Hokkaido Univ., ² Tokyo Univ of Agriculture and Technology, ³ Institute of Plant Protection, National Research Council of Italy)
IP- 17	Use of NIR-reflecting film in greenhouse cultivation system and its thermal effects on crop yield	Yasuyo NISHIMURA ¹ , Kazuyuki MATSUOKA ¹ , Hiroshi ARUGA ² , Makito MORI ¹ and Tomohiro NOJIMA ¹ (¹ Kochi Univ., ² Asahi Glass Co., Ltd.)
IP- 18○	Effects of light conditions on calcium concentration and tipburn development in leaf lettuce	Yuki SAGO, Masayuki BABA, Kazuki NOMURA and Haruhiko YAMAMOTO (Yamaguchi Univ.)
IP- 19	Field based phenotyping analyses of rice traits using vegetation indices under different nitrogen levels	Hiroki NAITO ¹ , Michael Gomez SELVARAJ ² , Milton Orlando VALENCIA ² , Fumiki HOSOI ¹ , Yo SHIMIZU ¹ , Manabu ISHITANI ² , Kenji OMASA ¹ (¹ Univ. of Tokyo, ² CIAT)

○ Candidates for excellent poster award