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First Name: **Huanguang** Last Name: **Qiu**

Title: **professor**

Institution: **Renmin University of China**

Mailing Address:

City: **Bethesda** State: Maryland Zip Code: 20816

Country: China

Country Code: Phone: (202) 372-6855

Email: hgqiu@ruc.edu.cn Website:

PLACE HEADSHOT HERE

Education:

PhD: Chinese Academy of Sciences MS: BS:

General Areas of Expertise:

Agricultural and Resource Economics;

Short Bio:

Huanguang Qiu, Professor at School of Agricultural Economics and Rural Development, Renmin University of China. He graduated from Chinese Academy of Science in 2005, and his major research fields include agricultural economics, resource and environmental policy, spatial general equilibrium modelling.

Five Representative Publications:

[1] Dalin Carole, Huanguang Qiu, Naota Hansaki, Denise Mauzerall, Ignacio Rodriguez-Iturbe, Balancing water resources conservation and food security in China, Proceedings of the National Academy of Sciences (PNAS), Vol.112, No. 15, PP: 4588–4593 , 2015.
[2] Dalin Carole, Naota Hansaki, Huanguang Qiu, Denise Mauzerall, Ignacio Rodriguez-Iturbe, Water for food: China's inter-provincial and foreign virtual trade, Proceedings of the National Academy of Sciences (PNAS), Vol. 111, No.27, pp:9774-9779. 2014.
[3] Qiu Huanguang, Sun Laixiang, Xu Xinliang, Cai Yaqing, Bai Junfei, Potentials of Crop Residues for Commercial Energy Production in China: A Geographic and Economic Analysis, Biomass and Bioenergy, Vol.64, pp: 110-123, 2014.
[4] Dingqiang Sun, Junfei Bai, Qiu Huanguang*, Yaqing Cai, The Impact of Government Subsidies on Household Biogas Use in Rural China, Energy Policy, Volume 73, October 2014, pp:748–756.
[5] Qiu Huanguang, Huang Jikun, Jun Yang, Michiel Keyzer, Wim van Veen, Scott Rozelle, Guenther Fisher, and Tatiana Ermolieva, Biofuel development, food security and the use of marginal land in China, Journal of Environmental Quality, Vol.40 No.4, pp.1058-1067, 2011.

FEWSTERN Symposium 2017 Presentation Title and Abstract:

Title: Balancing water resource conservation and food security in China

Abstract: The increase in demand for land, water resources, and rich foods will deepen the challenge of sustainably feeding the population and balancing agricultural and environmental policies. We combine a hydrologic model with an economic model to project China's future food trade patterns and embedded water resources by 2030 and to analyze the effects of targeted irrigation reductions on this system, notably on national agricultural water consumption and food self-sufficiency.