

# A new generation of crop modeling for securing the US agriculture under climate change

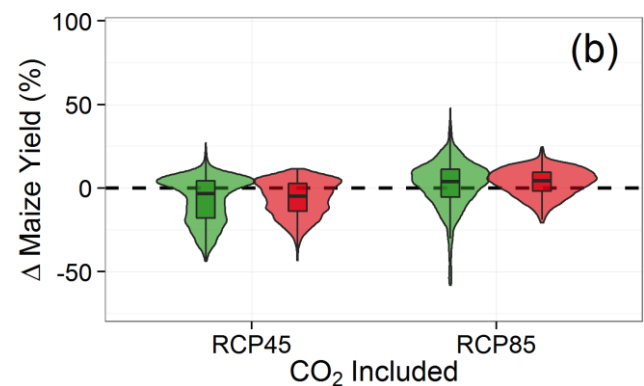
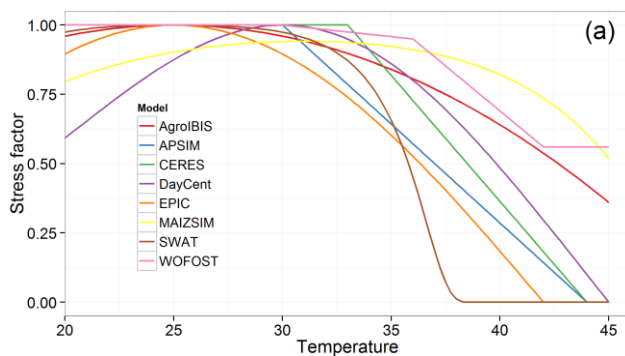
PhD Defense by Zhenong Jin

Friday, Apr. 22, 2016

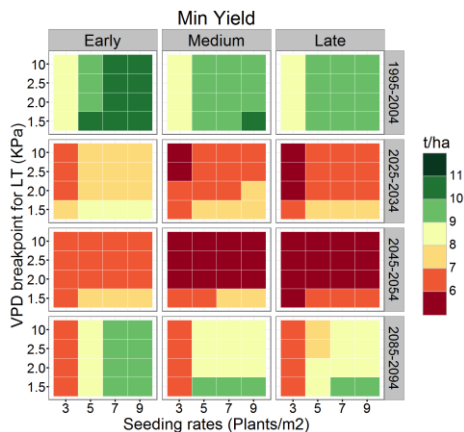
12:00 PM HAMP 1266

(Lunch and snacks will be served)

*What you will hear...*

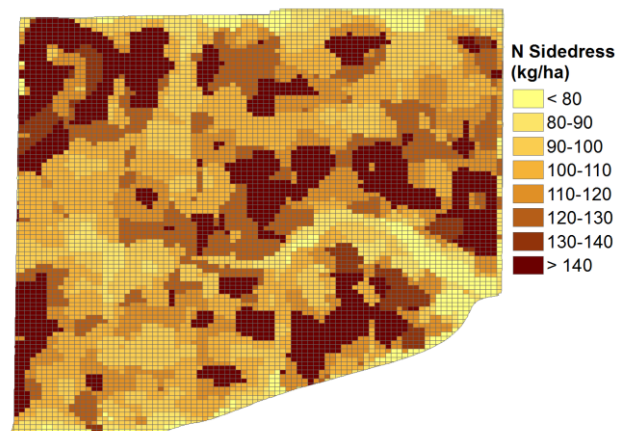


Crop model inter-comparison



G x E x M optimization

Climate change assessment



Precision N fertilization



**BIO** Zhenong Jin received his BS degree in Ecology from Peking University. In 2011, he came to Purdue to work with Prof. Qianlai Zhuang at EAPS. His Ph.D. research started from modeling the terrestrial ecosystems on the Tibetan Plateau, and later migrated to the field of assessing and mitigating the risks of climate extremes on the US agriculture using crop models at various scales. After his graduation, Zhenong will continue his precision agriculture work as a postdoctoral at Stanford University.