



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DAGRI

DIPARTIMENTO DI SCIENZE E TECNOLOGIE
AGRARIE, ALIMENTARI, AMBIENTALI E FORESTALI

Aula Magna

Giovedì 29 Agosto 2019, ore 10:00

Seminario del Prof. Fang Shibo

Winter Wheat Growth Responded to Global Warming. Experimental evidences from China

Shibo Fang joined the faculty of the *Chinese Academy of Meteorological Sciences* in 2007. Fang is well known for his agriculture remote sensing and agriculture ecosystem response to climate change expertise, organizational ability, and program leadership. In recent years, he worked on Climate change, Surface solar radiation variation, Agriculture remote sensing, Agriculture ecosystem response to climate change, Climate risks in agriculture, Risks of food security, Climate change and extreme events, as well as Vegetation and crops response to globe warming.

Main publications:

- Crowther, T.W., Rowe, C.W., Wieder, W.R., Carey, J.C., Machmuller, M.B., Todd-Brown, K.E.O., Snoek, L.B., Fang, S., Zhou, G., Allison, S.D., et al. Quantifying Global Soil C Losses in Response to Warming. *Nature*. 2016,540: 104-108 doi:10.1038/nature20150.
- Fang Shibo, Cammarano Davide, Zhou Guangsheng. Effects of increased day and night temperature with supplemental infrared heating on winter wheat growth in North China. *European Journal of Agronomy*. 2015,64:67-77
- Shibo Fang, Yue Qi, et al. Change in temperature extremes and its correlation with mean temperature in mainland China from 1960 to 2010. *International Journal of Climatology*. 2016, DOI: 10.1002/joc.4965.
- Fang Shi-Bo, ZHANG Xin-Shi. Control of vegetation distribution: climate, geological substrate and geomorphic factors. A case study of grassland in Ordos, Inner Mongolia, China. *Canadian Journal of Remote Sensing*. 2013, 39:(2): 167-174