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<u>首页</u> 研究所介绍 机构设置 研究队伍 博士后流动站 研究生教育 党群园地

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研究方向:	农田节水机理和技术

简历介绍:

张喜英,博士,研究员,博士生导师。

1985年7月毕业于北京农业大学(现在的中国农业大学)农业气象系,获得学士学位,同年分配到中国科学院石家庄农业现代化研究所(现在的农业资源研究中心)工作至今。2006年获得日本东京大学博士学位(农学)。1989-1990在英国洛桑实验站进修一年;1996年在澳大利亚CSIRO水土资源所进修半年;2002年在美国加州大学戴维斯进修半年。现任中国科学院农业水资源重点实验室和河北省节水农业重点实验室副主任;是"Agricultural Water Management"副主编以及"European Journal of Agronomy"、"Field Crops Research"、"中国农业生态学报"和"灌溉排水学报"等刊物的编委。获得成果奖8项、发表中文论文80余篇、英文论文60余篇,参与8部专著编写。曾获河北省"三八"红旗手、河北省直"五一"劳动奖章、中国科学院朱李月华优秀教师奖等。

研究领域:

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农田节水机理和技术

研究内容:

- 1、土壤-植物-大气系统界面调控机制
- 2、调亏灌溉原理和技术
- 3、生物-农艺耦合节水技术
- 4、多水源高效利用

承担科研项目情况:

- 1、中国科学院创新重要方向性项目"北方粮食主产区水资源高效利用调控机理和模式"
- 2、国家科技支撑计划课题"太行山前平原区小麦玉米减蒸降耗节水技术集成与示范"
- 3、国家自然基金面上项目"利用生物措施提高作物抗旱性研究"
- 4、国家科技支撑计划课题"环渤海低平原粮棉果蔬咸水安全补灌技术集成与示范"
- 5、中国科学院创新重要方向性项目"作物根系调控与土壤水肥高效利用"
- 6、国家自然基金面上项目"提高作物蒸腾效率的根层水分养分调控机制"
- 7、国家自然基金面上项目"华北农田耕作变迁对作物根系影响及调控"
- 8、公益性行业(农业)科研专项课题"海河流域严重缺水井灌区作物高产高效用水技术集成与示范"
- 9、中国科学院重点部署项目子课题"微咸水补灌关键技术升级与完善"
- 10、公益性行业(农业)科研专项课题"主要作物生物节水潜力挖掘与应用"
- 11、国家科技支撑计划课题专题"农田多水源高效利用技术研究与示范"

代表论著:

代表论著:

Yang Lu, Sandra Payen, Stewart Ledgard, Jiafa Luo, Lin Ma, **Xiying Zhang***, 2018. Components of feed affecting water footprint of feedlot dairy farm systems in Northern China, Journal of Cleaner Production, 183:208-219.

Muhammad Adil Rashida, Mathias Neumann Andersen, Bernd Wollenweber, Kirsten K? rup, **Xiying Zhang,** J? rgen Eivind Olesen. 2018. Impact of heat-wave at high and low VPD on photosynthetic components of wheat and their recovery. Environmental and Experimental Botany. 147:138-146

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Qin Fang, **Xiying Zhang?**, Liwei Shao, Suying Chen, Hongyong Sun, 2018. Assessing the performance of different irrigation systems on winter wheat under limited water supply. Agricultural Water Management 196:133-143.

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