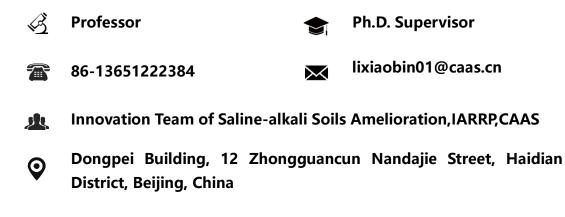


## Li Xiaobin



## **Research Interests**

- •Agricultural utilization of saline alkali land
- •Vegetation construction in saline alkali land
- •Saline/brackish water dirp irrigation
- Agricultural water-saving theory and technology

## **Publication**

Reclamation of very coastal saline soil using drip-irrigation with saline water on salt-sensitive plants, Soil & Tillage Research, 2015, DOI: 10.1016/j.still.2014.10.005

First and second-year assessments of the rapid reconstruction and re-vegetation method for reclaiming two saline-sodic, coastal soils with drip-irrigation, Ecological Engineering, 2015, DOI: 10.1016/j.ecoleng.2015.09.004

Chinese rose (Rosa chinensis) growth and ion accumulation under irrigation with waters of different salt contents, Agricultural Water Management, 2016, DOI:10.1016/j.agwat.2015.09.020

**Ion concentration changes in plants of varying tolerance under saline environment**, Agronomy Journal , 2019, DOI:10.2134/agronj2018.11.0702



## INSTITUTE OF AGRICULTURAL RESOURCES AND REGIONAL PLANNING , CAAS

Vegetation establishment in coastal salt-affected wasteland using drip-irrigation with saline water, Land Degradation & Development, 2019, DOI: 10.1002/Idr.3324

Agricultural utilization and vegetation establishment on saline-sodic soils using a water-salt regulation method for scheduled drip irrigation, Agricultural Water Management, 2020, DOI: 10.1016/j.agwat.2019.105995

Effect of natural and artificial afforestation reclamation on soil properties and vegetation in coastal saline silt soils, Catena, 2021, DOI: 10.1016/j.catena.2020.105066

Using saline water drip irrigation and soil matric potential control for trss establishment in coastal saline soil, Ecological Engineering, 2021, DOI: 10.1016/j.ecoleng.2021.106337

Planting trees in saline soil using ridge cultivation with drip irrigation in an arid region of China, Land Degradation & Development, 2022, DOI: 10.1002/Idr.4182

**Evaluation analysis of the saturated paste method for determining typical coastal saline soil salinity**, Soil & Tillage Research, 2023, DOI: 10.1016/j.still.2022.105549