

MIDST CZO uses critical zone science to improve decision making on land and water use in a broad range of regions in China through the development and deployment of decision support tools aligned to the needs of farmers, advisors and policy-makers.

## Introducing 2 more Post Docs working on MIDST

Huiyi Yang is working as an Ecosystem modeller at Rothamsted Research. His research focuses on modelling critical zone relationships between soil, water and ecosystem processes across the Loess plateau. His work will align the needs of farmers, advisors and policy-makers through regional DST framework for the Loess plateau region.



Boyi Liang is working as postdoc based at both Peking University and University of Exeter. His research focuses on the relationship between edaphic/meteorological/lithological factors and crop yield in the critical zone, especially south-eastern China. He is also working on refining some existing model of crop yield like WOFOST in MIDST CZO project.

## Autumn Workshop in China.

The MIDST team are jointly hosting a session in a larger meeting in China to discuss Decision Support Tool development through CZO science with Stakeholders. The meeting in **Nanjing on November 22-23rd** is part of a larger meeting at the Jiangsu Academy of Agricultural Sciences. We will co-host a session on DSTs and CZOs with invited speakers including Director Sen Du from the Ministry of Agriculture. The team will also run a Critical Zone Science Stand at the conference exhibition to provide a platform to discuss the work of both Phase 1 and Phase 2 of the UK-China CZO programme but particularly to get feedback on a number of DSTs - Cool Farm Tool, and Natural Capital Investment app; run a questionnaire on stakeholders and discuss the current work.

If you are planning to attend this meeting or want more information please contact Sarah on [s.j.dennis@leeds.ac.uk](mailto:s.j.dennis@leeds.ac.uk).

### Dates of upcoming meetings:

Monthly online catch ups:  
- 5<sup>th</sup> November  
- 3<sup>rd</sup> December  
9:30amUK/4:30pm  
Beijing.

Phase 1 China final  
Meeting – December 2019.

## Short Updates

A MIDST Post-doc meeting in Glasgow – 8<sup>th</sup> October and weekly online postdoc meetings are continuing to help collaboration across the project.

All MIDST Co-Is are invited to the Monthly catch up meeting on the 1<sup>st</sup> Tuesday of every month. – contact [s.j.dennis@leeds.ac.uk](mailto:s.j.dennis@leeds.ac.uk) for the link to the calls.

## Next Steps:

CZO based DST development. Learning from existing DSTs and incorporating improved understanding to tackle agricultural and environmental challenges. Attending an Industry event in China.