SHUI BROKERAGE INNOVATION EVENT
MURCIA, TUESDAY APRIL 26 2022

09:00-09:30. General Introduction

- *SHUI Innovation (Jose Alfonso Gomez and Juan José Alarcón, CSIC).*

- *Context and Opportunities for Collaboration with China in Research and Innovation (Adrián Gutiérrez and Beatriz Torralba, CDTI/MICIN China-Spain Network alliance).*

- *Exploitation of innovation results in the international market (Wei Sun, Profinanza & Partners).*

09:30-11:00 Showcase of SHUI Innovation results.

- *TreeWat Model. (Margarita García, IAS-CSIC).*

- *Climatree Carbon Model (Ioannis Spannos, TERRANOVA).*

- *Grapevine water balance model to predict vine water status (WaterVitis) (Diego Intrigliolo, CEBAS-CSIC).*

- *Decision support tool for best design of check dams for gully erosion control, optimizing costs on the base of check dam height and materials used for construction (Jose Alfonso Gómez, IAS-CSIC)*

- *Shui catalogue of Best Management Practices (Jose Alfonso Gómez, IAS-CSIC).*

- *A spatial random forest model (SRF) for predicting crop water stress index. (Peters Aviva, TERRAVISION and ARO-Volcani Center).*

11:00-11:15 Coffee Break

11:15-13.00 Innovation activities related with SHUI project and cooperation with China.

- *Early Warning for Water-related Climate Risks (CLIMALERT, Manuel Erena, IMIDA).*

- *Crop diversification and low-input farming cross Europe: from practitioners' engagement and ecosystems services to increased revenues and value chain organisation (DIVERFARMING, Raul Zornoza, Universidad Politécnica Cartagena, UPCT).*

- *Precision Irrigation Management to improve Water and Nutrient use efficiency (PRECIMED, María Fernanda Ortuño, CEBAS-CSIC).*

- *Efficient use and management of conventional and non-conventional water resources through smart technologies applied to improve the quality and safety of agriculture in semi-arid areas (WATERMED 4.0, Antonio Skarmeta, Universidad de Murcia, UMU).*

- *AZUD Technological solutions for water saving and optimization (Javier Juárez, SISTEMA AZUD, S.A).*

- *An Operational Drought Early Warning and Forecasting System for quantifying risks of crop and water supply by using machine learning and multi-source and multi-sensor datasets (INFOSEQUIA, Sergio Contreras, FUTUREWATER).*

- *Promoting sustainable irrigation management and non-conventional water use (PROSIM, Francisco Pedrero, CEBAS-CSIC).*

13:45-16:00 Networking lunch

16:00-17:30 Time available for bi-lateral meetings