

Next Generation Training on Intelligent Greenhouses (NEGHTRA)

Miguel Hernández University (UMH)
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Partner (Higher Education Institution)

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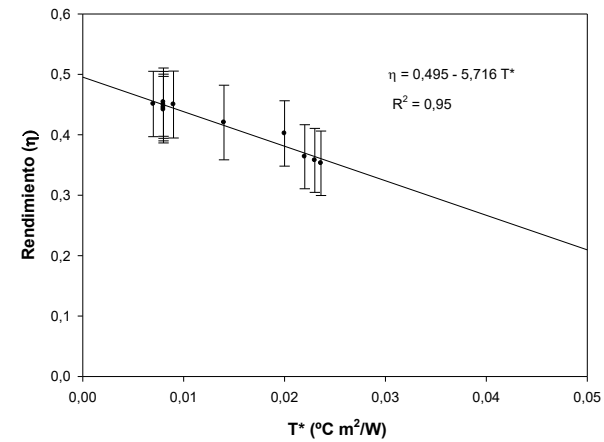


Rector UMH: Juan José Ruiz Martínez
Ph.D. Agricultural Engineer

**Agricultural biodiversity
and genetic improvement
of varieties**

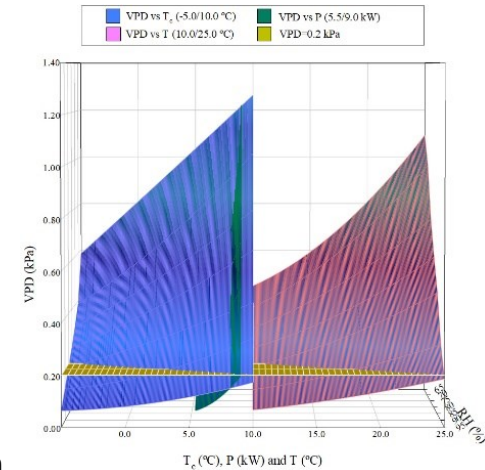
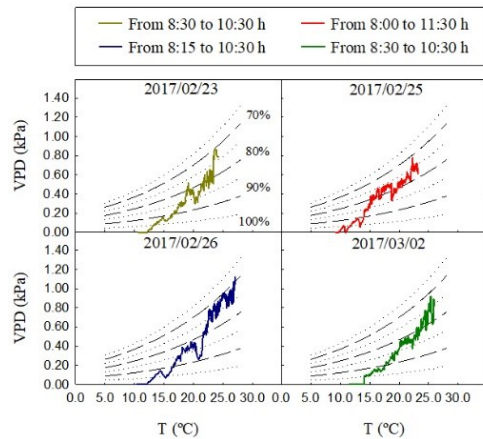


Heating of greenhouses using solar thermal energy

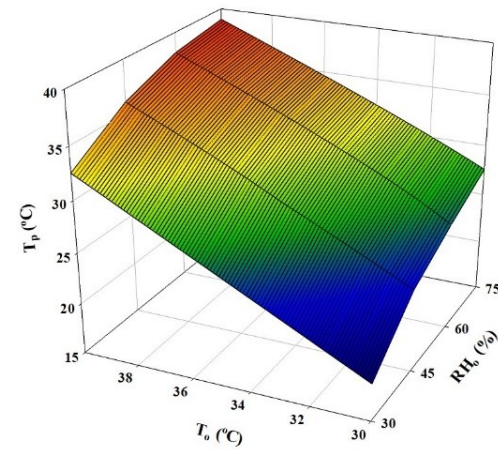
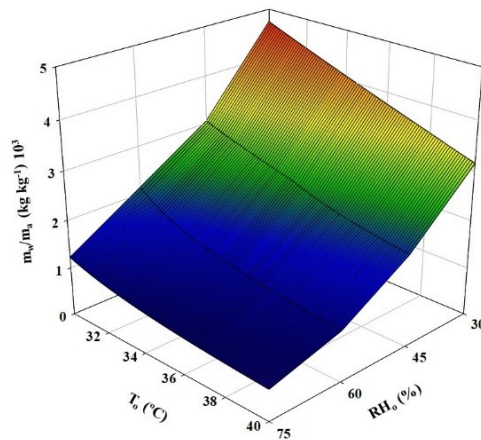


Efficient use of energy in greenhouses (in collaboration with UAL)

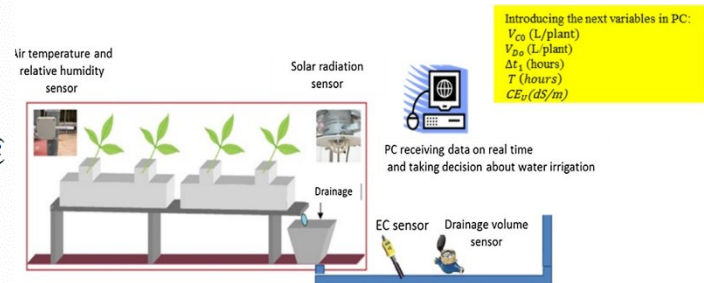
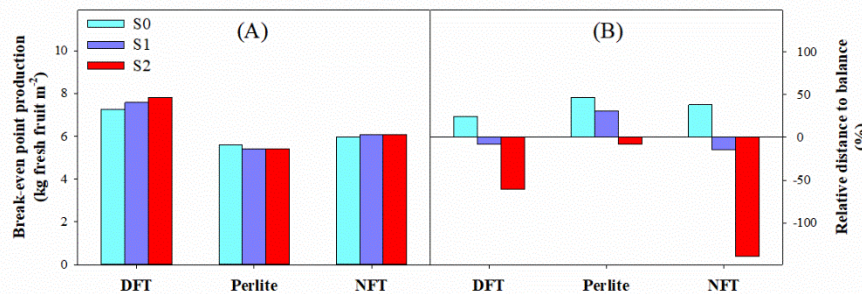
Heat pump dehumidifier



Evaporative cooling system



Water use efficiency and technical and economic feasibility of soilless culture systems (in collaboration with CSIC-CEBAS)



PARTICIPATION OF UMH-EPISO IN NEGHTRA

WP1: PREPARATION. Provides its technological achievements in intelligent greenhouse technologies.

WP2: DATA SHARING. Contributes its expertise in the technical integration of intelligent systems in greenhouses

WP3: TRAINING MODULES. Works in relation to the areas of water and energy management and sustainable agriculture

WP4: TRAINING. Leads this WP through his experience with education and training programs. It coordinates the members of WP4 and manages the physical and virtual meetings. Also collects the member inputs and complies the relevant reports and proposals

PARTICIPATION OF UMH-EPSO IN NEGHTRA

WP5: EXPLOITATION. Contributes by ensuring that principles and practices of 4ple helix are in effect within this project

WP6: QUALITY MANAGEMENT. Controls the quality of training material and delivery and the effectiveness of the training sessions

WP7: EVALUATION. Uses its experience in education and VET actions to evaluate the project within the internal evaluation

WP8: DISSEMINATION. Incorporates the training in its curricula, promotes to its network with cooperatives and its network of related university departments

WP9: MANAGEMENT. Assists the management by participating in the steering committee and exercising management activities