

EES Catalysis

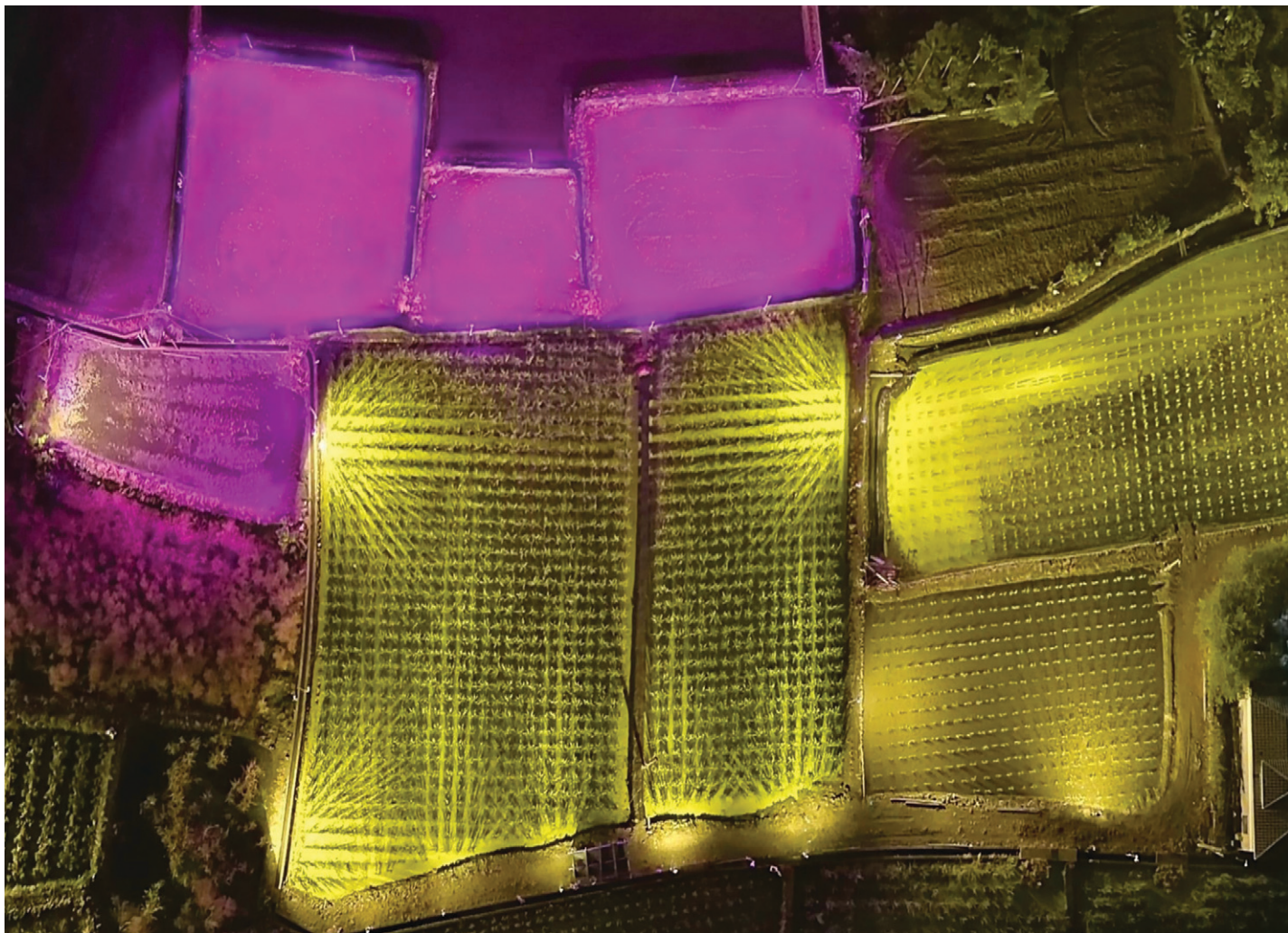
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Fundamental questions
Elemental answers



Featuring work from Professor Ku-Fan Chen at National Chi Nan University, Taiwan. Professor Chen's research interests include value-added reuse of agricultural residue, soil and groundwater remediation, and electrochemical advanced oxidation processes (EAOPs).

The application of water bamboo (*Zizania latifolia*) husk-derived biochar for copper-contaminated irrigation water treatment and soil amendment

Night lighting allows water bamboo to be produced year-round, but long-term cultivation also causes soil acidification. Biochar derived from water bamboo can be used to purify irrigation water and improve soil acidification to safeguard agricultural soil and increase crop yields.

As featured in:



See Ku-Fan Chen *et al.*,
Environ. Sci.: Water Res. Technol.,
2024, 10, 2048.