Projects

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| Teachers | Projects |
| Chang Chia-Ming | 1.Adsorptive and Catalytic Characteristics Study of the Naturally and Synthetically Magnetic Separable Materials and Their Applications on the Contaminated Soil and Groundwater Remediation (NSC)  2.Development and Study on the Safe and Controlled Release Formulations of Diuron Herbicide and Carbofuran Pesticide (COA) |
| **Chen Horng-Ji** | 1.Council of Agriculture-Studies on Development and Application of Biofertilizers of Multi-P-Solubilizing Abilities  2.Council of Agriculture-Application Research for Crop Fertilization Technology － Assessment of Soil Quality as Affected by Application of Food Waste Compost  3.Council of Agriculture-Study on the Culture Techniques of Organic Leafy Vegetable － Management of Micronutrients and Heavy Metals in Organic Vegetable Garden Soils |
| **Huang Jang-Hung** | |  |  | | --- | --- | |  | 1.Soil Sampling and Survey  2.Heavy-metal Polluted Soil | |
| **Lin Yao-Tung** | 1.Digital Multi-Spectral Video for Total Suspended Solids Measurement, NSC.  2.Separation of Nano-Sized Particles Using Electrically Assisted Tangential Flow Filtration Processes, NSC  3.The Feasibility Study of Decomposition of Dyes using nano-sized zero valent iron, NSC.  4.Review on quarrel items and revisal of irrigation water quality criteria, COA.  5.The investigation in effects of the irrigation water and sediment on the heavy metal contaminate of rice land, EPA |
| **Shen Yuan** | 1.Study on rice yield and quality estimated by remote sensing techniques.  2.Spatial distribution of agrometeorological disaster potentials and their applications. |
| **Tan Chen-Chung** | 1. Coliforms in composting processes of kitchen refuse  2. Application of P-solubilizing microorganism in crop production  3. Nitrate content of vegetables under organic culture |
| **Tsoz Yu-Ming** | 1.Light-catalyzed the transformations of contaminants by layered double hydroxide.(NSC)  2.Studies of the influences of irrigation waters or irrigation ditch sediments on the accumulations of heavy metals on agricultural soils.(EPA)  3.Review on quarrel items and revisal of irrigation water quality criteria.(COA)  4.Safety evaluation of the sludges of food processing, wine production and paper mill for agricultural use.(COA) |