

## Projects

Teachers	Projects
<p style="text-align: center;">Chang Chia-Ming</p>	<p>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)</p> <p>2. Development and Study on the Safe and Controlled Release Formulations of Diuron Herbicide and Carbofuran Pesticide (COA)</p>
<p style="text-align: center;">Chen Horng-Ji</p>	<p>1. Council of Agriculture- Studies on Development and Application of Biofertilizers of Multi-P-Solubilizing Abilities</p> <p>2. Council of Agriculture- Application Research for Crop Fertilization Technology — Assessment of Soil Quality as Affected by Application of Food Waste Compost</p> <p>3. Council of Agriculture- Study on the Culture Techniques of Organic Leafy Vegetable — Management of Micronutrients and Heavy Metals in Organic Vegetable</p>

	Garden Soils
Huang Jang-Hung	<ol style="list-style-type: none"> <li>1. Soil Sampling and Survey</li> <li>2. Heavy-metal Polluted Soil</li> </ol>
Lin Yao-Tung	<ol style="list-style-type: none"> <li>1. Digital Multi-Spectral Video for Total Suspended Solids Measurement, NSC.</li> <li>2. Separation of Nano-Sized Particles Using Electrically Assisted Tangential Flow Filtration Processes, NSC</li> <li>3. The Feasibility Study of Decomposition of Dyes using nano-sized zero valent iron, NSC.</li> <li>4. Review on quarrel items and revisal of irrigation water quality criteria, COA.</li> <li>5. The investigation in effects of the irrigation water and sediment on the heavy metal contaminate of rice land, EPA</li> </ol>
Shen Yuan	<ol style="list-style-type: none"> <li>1. Study on rice yield and quality estimated by remote sensing techniques.</li> <li>2. Spatial distribution of agrometeorological disaster potentials and their applications.</li> </ol>

<p>Tan Chen-Chung</p>	<ol style="list-style-type: none"> <li>1. Coliforms in composting processes of kitchen refuse</li> <li>2. Application of P-solubilizing microorganism in crop production</li> <li>3. Nitrate content of vegetables under organic culture</li> </ol>
<p>Tsoz Yu-Ming</p>	<ol style="list-style-type: none"> <li>1. Light-catalyzed the transformations of contaminants by layered double hydroxide.(NSC)</li> <li>2. Studies of the influences of irrigation waters or irrigation ditch sediments on the accumulations of heavy metals on agricultural soils.(EPA)</li> <li>3. Review on quarrel items and revisal of irrigation water quality criteria.(COA)</li> <li>4. Safety evaluation of the sludges of food processing, wine production and paper mill for agricultural use.(COA)</li> </ol>