

成立宗旨

本中心於民國51年成立，於59年成為國立中興大學農資學院的附屬單位。中心設立宗旨為：（1）發展土壤、肥料與食品重金屬分析技術與工作；（2）提供農地資訊，以利土地資源規劃與利用；（3）協助進行農地診斷及改良工作；（4）推廣土壤肥料科技，提出土壤管理技術；（5）支援有關土壤科技之教學、研究與實習及國際合作。

組織與功能

本中心除主任外，另設有實驗室主管、技術主管、品質主管、多位行政及分析人員，由土壤環境科學系的教師及ISO 17025訓練合格之相關背景專業人員擔任，主要任務為（1）支援農學院相關科系之教學，研究與實習；（2）接受學術單位、研究單位、農企單位及農友之土壤、肥料、植體、水及其他農業資材之委託分析試驗；（3）支援各界人士有關土壤資訊、土壤現場診斷、土壤與植體營養診斷、肥培管理、土壤改良、作物土壤管理、及設施栽培之技術服務與諮詢，並舉辦相關訓練班及講習班。（4）研發有機肥料，新型複合肥料，栽培土及簡便之土壤肥料專用器材，提供學術界和農業界使用。



◀ 協助進行農地診斷及改良
Soil, plant and fertilizer diagnosis



◀ 大量執行土壤、水、肥料、植體、農業資材之重金屬檢測分析
Heavy metals analyzing for soil, water, plants, fertilizers, and agricultural materials

Setup Purpose

The Soil Survey and Testing Center (SSTC) was established in 1962, and became an affiliated unit of CANR, NCHU, in 1970. The objectives of the SSTC are to (1) develop the analytical techniques of heavy metals in soils, fertilizers, and food; (2) provide agricultural land information for planning utilization of land resource; (3) assist the diagnosis and reclamation of deteriorated farm lands; (4) popularize novel knowledge and techniques regarding soils, fertilizers, plants, and land management; and (5) support the activities of teaching, research, and practical training for students, and enthusiastically promote international cooperation.

Structure and Functions

The staff of the SSTC includes a director, two laboratory and technical supervisors, a quality manager, and several analysts. Each SSTC member is well trained and receives ISO 17025 certification. The major goals of the SSTC are as follows:

- (1) Support teaching, research, and training activities for the departments or programs of CANR.
- (2) Provide analytical and testing services for soils, waters, plants, fertilizers, and agricultural materials from different sources.
- (3) Provide consultation services for developing modern agriculture and sustainable farming with well-established soil resource management and conservation systems.
- (4) Engage in the organization of training courses and workshops in soil and plant diagnosis, soil and fertilizer management, and soil remediation to enhance the agricultural knowledge and operational skills of students and farmers.
- (5) Research and develop different types of fertilizers and agricultural materials to improve the fertility and productivity of soils for academic and business benefits.