

Geomatics and Soil Information Technology Division

Generate geospatial data and conduct geospatial analysis of BSWM's map outputs for agricultural development planning, research, and policy formulation to assist the Department of Agriculture (DA) and other stakeholders on their requirements for GIS and spatial data and communicate the message of development on soil and water management technologies.

Provide leadership in GIS and Remote Sensing in the Bureau, serve the soil-related spatial data requirements of the Department of Agriculture and be the primary source of soil and water knowledge of the country.

National Soil and Water Resources Research Centers

The BSWM maintains three Research Centers which are located in areas covering different Pedo Ecological Zones. The hillylands (Tanay, Rizal), lowland-uplands(San Idefonso, Bulacan), and the highlands (Malaybalay, Bukidnon).

These are demonstration centers that showcase the different soil and water generated technologies of the BSWM in support to the DA's food security and agricultural sustainability program. With the Centers as the major facility, development and promotion of researches on soil and water resources development continue towards poverty alleviation and the attainment of the nations food security program.

Information Office

Communicating the message of development in soils and water management has been greatly helped by the media production and training facilities to package and promote technologies in print, broadcast and special media. The management, operation and maintenance of the convention center and dorm facilities realize the need to advocate and inform the target clientele on soil and water generated technologies and develop internal workforce through the conduct of

orientations, seminars, workshops and other related activities.

The **BSWM Customer Center** serves as the front line service hub where clients are assisted and their needs timely addressed. Inaugurated and officially opened in response to R.A 9485 which is the Anti-Red Tape Act of 2007 signed into law mandating all government offices to improve efficiency in the delivery of government service to the public by reducing bureaucratic red tape, preventing graft and corruption and providing penalties. Its implementing rules and regulations were promulgated by the Civil Service Commission through CSC Resolution No. 081471 dated July 2008.

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AGENCY PROFILE



**BUREAU OF SOILS AND
WATER MANAGEMENT**
DEPARTMENT OF AGRICULTURE

THE VISION

Sustainable management of soil and water resources for agricultural production systems that are in harmony with nature where food is health-safe and food resource production is economically viable and socially acceptable.

THE MANDATE

Formulate measures and guidelines for the effective utilization of soil and water resources as vital agricultural resources to attain food security and safety, environmental stability through soil and water resources-based adaptation and mitigation measures that address multi-environmental concerns on land degradation, climate change, and agricultural biodiversity conservation.

THE ORGANIZATION

Water Resources Management Division

Harness and conserve rainfall and run-off water and ground water recharge for farm use as component of sustainable land management program and thereby contribute to the attainment of food security for the country. Coordinates the implementation of Small Scale Irrigation Projects or SSIP's with the DA-RFO's which have been proven effective during El Nino events. The SSIPs include: Wind Pump, Solar

Pump, Ram Pump, Shallow Tubewell, Spring Development, Rain Water Harvesting Facility (CISTERN), Pump Irrigation System for Open Sources, Small Water Impounding Project, Diversion Dam, Small Farm Reservoir, Automatic Weather Station, and the Cloudseeding Operation.

Agricultural Land Management and Evaluation Division

Evaluate the utilization and management of the network of protected areas for agriculture and agro-industrial development. Experts on technical assistance to Local Government Units and decision makers for judicious land utilization on Municipal Land Resources Evaluation and Integration of SAFDZ to CLUP, and Land Use Assessment for Potential Agri-Environmental Development and Investment; Crop Suitability Assessment; and technical support and services on matters related to land use reclassification and other land use matters.

Soil Conservation and Management Division

Provide leadership in the conservation and management of soils for sustainable agricultural development and rehabilitation of degraded uplands and hilly lands.

Contour hedgerows systems, vegetative barrier, residue incorporation, trashlines, conservation tillage, vetiver grass technology, supplementary structure and agronomic measures and fertility improvement are some of the major practices they continuously advocate. The most common cause of land degradation in our country is harvest/crop removal and soil erosion that pose detrimental effects to soil physico-chemical and biological properties

resulting to fertility decline.

Soils Survey Division

Facilitate the development and implementation of new technologies to gather, interpret and deliver soil survey information to its diverse applications.

They are also committed to provide primary soil resources information for agricultural development planning, policy formulation and research. It has expanded its mandate to accommodate current and emerging agro-environmental concerns as they impact and relate to the sustainability of the country's soil resources for agricultural production and provision of its ecosystem services.

Soil and Water Resources Research Division

Conduct upstream researches on soil and water management technologies and undertake targeted studies for sustainable agricultural productivity.

They take the lead on an integrated multi-disciplinary Research and Development for sustainable soil/ land and water use to support long-term productivity of the natural resources.

Laboratory Services Division

Provide analytical services of soil, water, plant and fertilizer samples to all clients at the highest quality and accuracy and oversee the establishment and operation of all Soils Laboratories in the country. They are your partners to better farming enterprise by providing assistance not only on soil and water analysis but also on technologies which improve soil fertility and maximized land use.
