

inoculants, now produced in the DA regional laboratories, reduces fertilizer inputs and increase farmers income.

### **Cartographic Operations Division**

In the organization of the Department of Agriculture, only the BSWM has the mapping capability through its Cartographic Operations Division. In essence, the BSWM serves as the mapping arm of DA specifically resources mapping on soil-based thematic maps. The map makers cater to the mapping needs of all technical divisions of the BSWM and DA as well.

### **Integrated Soil Resources Information Service**

The Integrated Soil Resources Information Service (ISRIS) is the Information Technology arm of the agency tasked to handle all IT related activities in terms of resources, capabilities and services to the various divisions. They provide directions for the development of a dynamic IT support to activities in research, training, administrative and information disseminations through developmental establishment of information systems, building up of spatial geodatabase infrastructure, development and maintenance of webpage, maintenance of IT resources and capability building.

### **Training and Information Dissemination Services (TIDS)**

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 training and information 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 trainings and other related activities.

A Lupa't Tubig Information Pack produced by the

#### **TRAINING AND INFORMATION DISSEMINATION SERVICES**

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# **AGENCY PROFILE**



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



# THE MANDATE

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## ***Executive Order No. 116***

The Bureau of Soils and Water Management shall:

1. Advise and render assistance on matters relative to the utilization of soils and water as vital agricultural resources.
2. Undertake the design, preparation and implementation of Small Scale Irrigation Projects with the Local Government Units and Regional Field Units of the Department of Agriculture.
3. Formulate measures and guidelines for effective soil, land and water resources utilization.
4. Soil conservation in croplands and other agricultural areas.
5. Undertake soil and water resources research programs.
6. Coordinate with the relevant government agencies in resettlement areas.
7. Prepare necessary plans for the provision of technical assistance in solving soil related problems, prevention of soil erosion, fertility preservation and other related matters.
8. Engage in rainmaking projects for agricultural and watershed areas to solve the problems of prolonged droughts and minimize their effects to standing agricultural crops.
9. For each own sector, recommend plans, programs, policies, rules and regulations to the Secretary and provide technical assistance in the implementation of the same.

Under the new Agriculture and Fisheries Modernization Act or AFMA Republic Act 8435, the Bureau of Soils and Water Management is mandated to identify and delineate the network of areas for agriculture and agro-industrial development .

The BSWM is primarily mandated to identify

and delineate in all regions the strategic agriculture and fishery development zones which shall provide the basis for a focused strategy for the foundation of research and technology development, positioning the infrastructure, credit and other support structures. Each of these efforts are focused to support the full development of agricultural conditions, crops, livestock and fisheries that have the competitive and comparative advantage for the region.

The BSWM is likewise mandated to coordinate the implementation of Small Scale Irrigation Projects or SSIPs which have been proven effective in the El Nino event in 1998.

## THE ORGANIZATION

### **Water Resources Management Division**

Extensive planning, implementation, monitoring and other activities related to water resources management and development are the key services of the Division as well as the implementation of the Small Scale Irrigation Projects or SSIPs.

### **Agricultural Land Management and Evaluation Division**

Provide the most appropriate land use assignments and their respective economically viable and environmentally sustainable land management systems and recommend the rural development strategies that are consistent with the productive capacity of the available land resources in the area.

### **Soil Conservation and Management Division**

The importance of Soil Conservation and Management cannot be overemphasized. Many farming practices encourage soil erosion and unless we improve our farming

methods, our farmlands will become unproductive. The Soil Conservation and Management Division sees to it that these new farming conservation measures, practices and management reach every farmer throughout the country.

### **Soil Survey Division**

Soil survey, mapping and classification are conducted to determine the suitable and non-suitable lands for agricultural and non-agricultural uses. Pits are dug to make Soil Monoliths as basis for the research on the types of soil in the country.

### **Soil and Water Resources Research Division**

Techniques related to methodologies and studies on soil conservation, biology, chemistry, genesis and morphology and physics are developed by the researchers in the Division. The Bulacan Research Station in San ildefonso, Bulacan and the Tanay Soil and Water Resources Research Center in Rizal are being maintained by the agency where various researches are being conducted and showcased.

### **Laboratory Services Division**

The Division provides assistance not only on soil and water analysis but also on technologies which improve soil fertility and maximized land use. The technical staff of the Division provide training to agricultural technologists and farmer leaders on the proper use of Soil Test Kits or STKs to determine the need for fertilizer application. The use of soil