


REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
**BUREAU OF SOILS AND WATER MANAGEMENT**  
SRDC Bldg, Elliptical Road Corner Vitas Avenue, Diliman, Quezon City, Philippines 1101  
customers\_center@bswm.da.gov.ph / (02) 8332-9534 / (02) 8273-2474 loc 3202


NETWORK OF PROTECTED AREAS FOR AGRICULTURAL  
AND AGRO-INDUSTRIAL DEVELOPMENT (NPAAAD) MAP

Municipality of San Esteban  
Province of Ilocos Sur

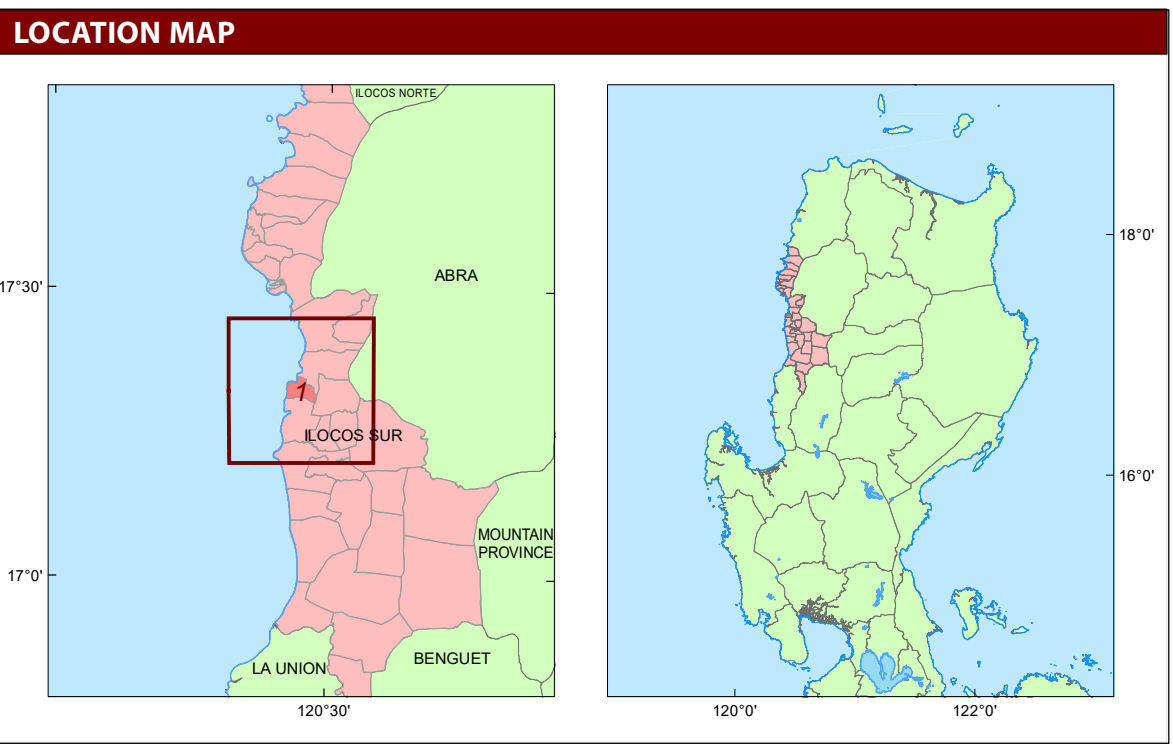


SCALE 1:50,000  
0 0.5 1 2 3 4  
Kilometers

Universal Transverse Mercator Zone 51 North PRS 1992  
DISCLAIMER : All political boundaries are not authoritative

LEGEND			
MAPPING SYMBOL	DESCRIPTION	AREA	
		(Ha)	(%)
PRIME AGRICULTURAL LANDS			
A	All irrigated lands/areas	467.25	45.32
B	All irrigable lands already covered by irrigation projects with firm funding commitments	0	0
C	All alluvial plain lands highly suitable for agriculture, not irrigated	78.62	7.64
D	Agro-industrial croplands or lands presently planted to industrial crops that support the viability of existing agricultural infrastructure and agro-based enterprises	27.38	2.65
E	Highlands or areas located at an elevation of five hundred (500) meters or above highly suitable for growing semi-temperate and high value crops	0	0
FRAGILE AGRICULTURAL LANDS			
F	All agricultural lands that are ecologically fragile, the conversion of which will result in serious environmental degradation that will affect mangrove areas and fish sanctuaries	457.63	44.39
G	All fishery areas as defined pursuant to Fisheries Code of 1998	0	0
MISCELLANEOUS LAND TYPES (Not Relevant for Agriculture)			
 H	Forest/Watershed areas (critical watersheds including mangroves)	--	--
Bu	Built-up Areas (urban land, airport, roads and bridges)	--	--
Others	Quarry, mine pit, barren land, rock land, river wash, beach sand, sand dunes, landfill	--	--
TOTAL		1,030.88	100

CONVENTIONAL SIGNS		
<b>ROADS</b>	<b>BOUNDARY</b>	<b>HYDROLOGY</b>
 Expressway	 Regional	 Sea / Shoreline
 Trunk line	 Provincial	 Lakes / Rivers
 Primary	 City	<b>PLACES</b>  Capital City / City  Capital Town / Town
 Secondary	 Municipal	
 Tertiary	 Barangay	



MISCELLANEOUS INFORMATION

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**SOURCES OF INFORMATION:** Topographic information taken from NAMRIA Topographic Map at 1:50,000 scale. Land Resources Information and NPAAAD/SAFDZ from the Agricultural Land Management and Evaluation Division (ALMED) and Soils Survey Division (SSD). Land Use/Vegetation Cover are obtained from the Land Use System (FAO, 2015), Philippine Rice Information System (PRISM) (IRRI, 2015) OpenStreetMap (OSM) and Satellite Images from Google. The slope and elevation are generated from SRTM 30-meter spatial resolution.

Data analysis and compilation spearheaded by the ALMED with the technical support of the SSD.

These maps were produced through the Review/Updating of the NPAAAD and SAFDZ Project.

Map produced by the Geomatics and Soil Information Technology Division (GSITD).

Collaborating Agencies : Department of Agriculture Regional Field Offices (DA-RFOs) and other concerned Offices  
: Local Government Units (LGUs)

<b>BERNARDO B. PASCUA</b> Chief, ALMED	<b>GINA P. NILO, Ph.D.</b> Director, BSWM
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