Republic of the Philippines Department of the Interior and Local Government LOCAL GOVERNMENT ACADEMY









in partnership with Agencia Española de Cooperacion International para el Desarrollo and Senator Loren Legarda

Agusan River Basin ollaboration worksho

23 August 2012 Almont Inland Resort, Butuan City

"Building Climate Adaptive and Disaster Resilient Communities"

AVLDA EXPERIENCE

A PRESENTATION TO THE

COLLABORATION WORKSHOP FOR THE AGUSAN RIVER BASIN

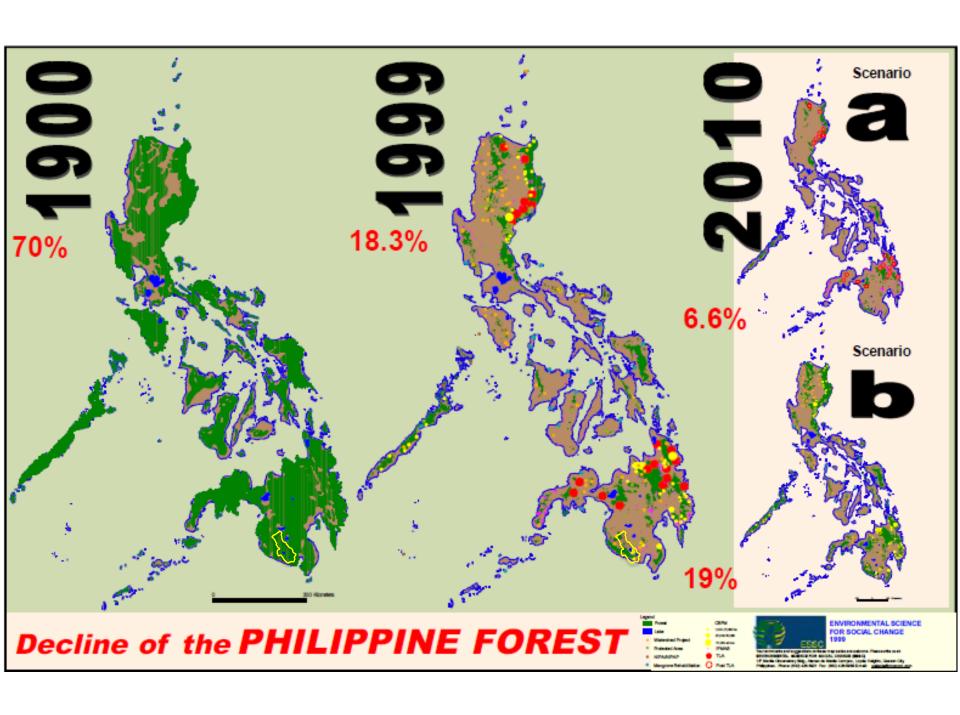
The Allah Valley Landscape Development Alliance

Towards a Sustainable Management of the Allah Valley Landscape

SILVERIO L. TANDOG

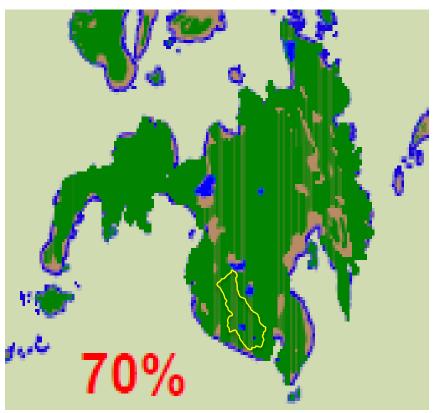
Program Manager - AVLDA

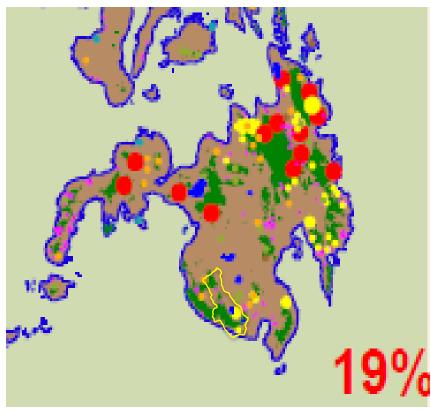




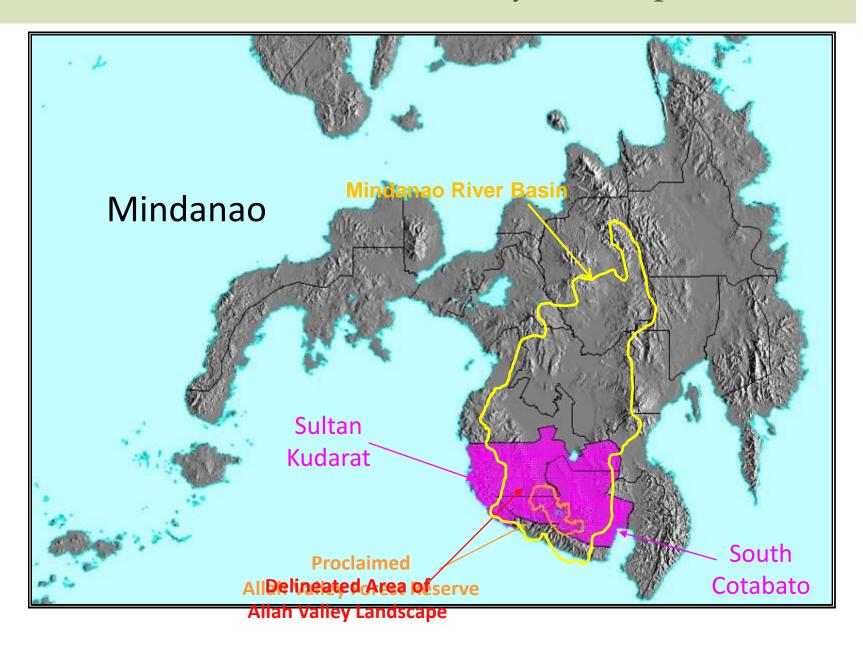
Forest cover in Mindanao

Forest cover: 1900 Forest Cover: 1999

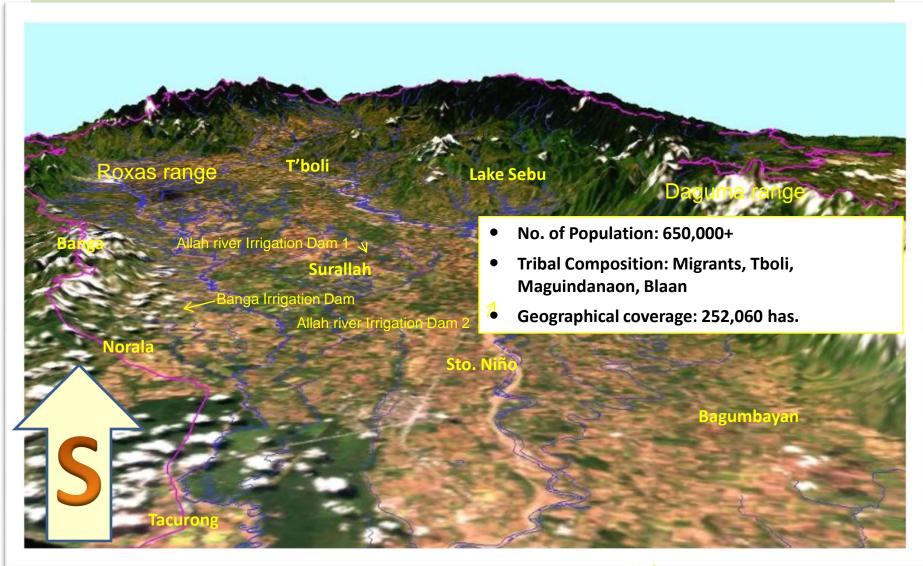




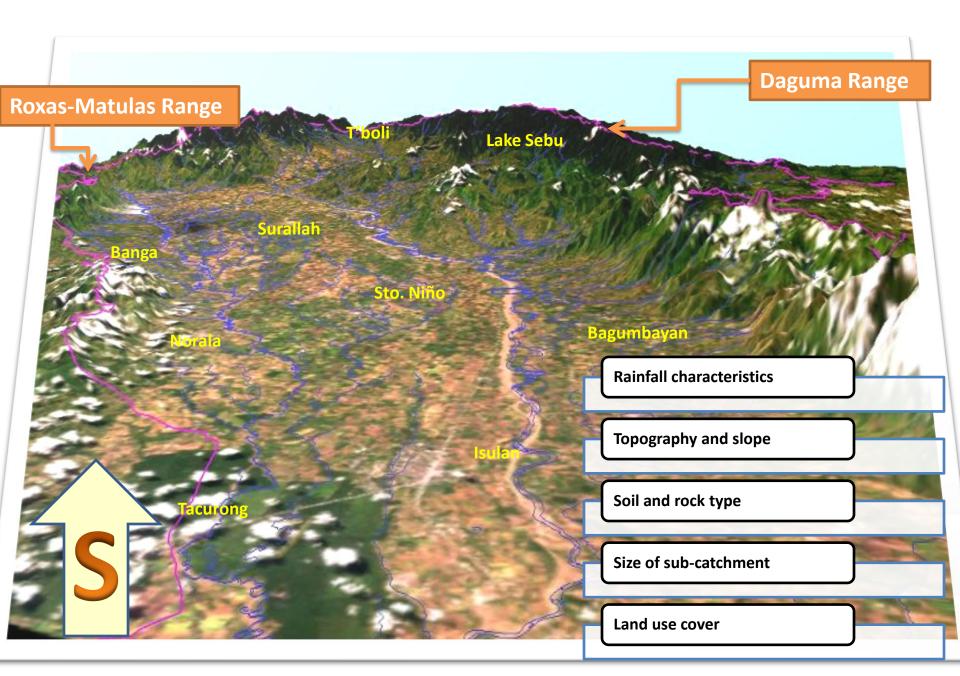
Location of Allah Valley landscape



Brief Profile of AVLDA area



Landform of AVLDA area



Demographic Profile

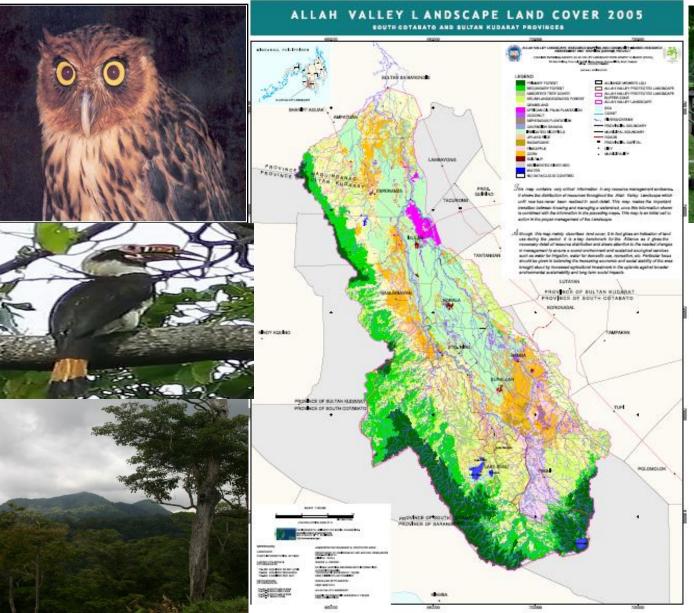
- Population (2007 census) 628,832
 (Male 322,186; Female 306,646)
- Composition: Migrants, T'bolis, Maguindanaons,
 Manobos, B'laans & Tedurays







Resource Endowments







Economic Development Features

 Agriculture- production of crops (rice, corn, banana, pineapple. oil palm. asparagus)





Recent Urgent Concern



Adverse effects of upland degradation on the lowland areas

Flooding, siltation, and riverbank migration

Unstable agriculture production

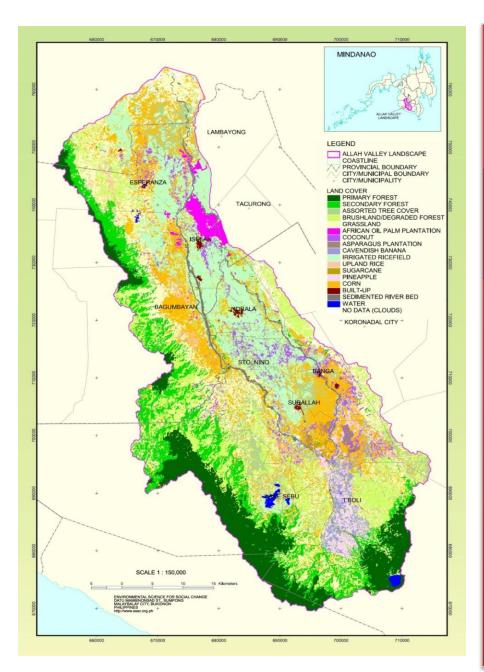
Devastation of infrastructure facilities

Instability of social condition



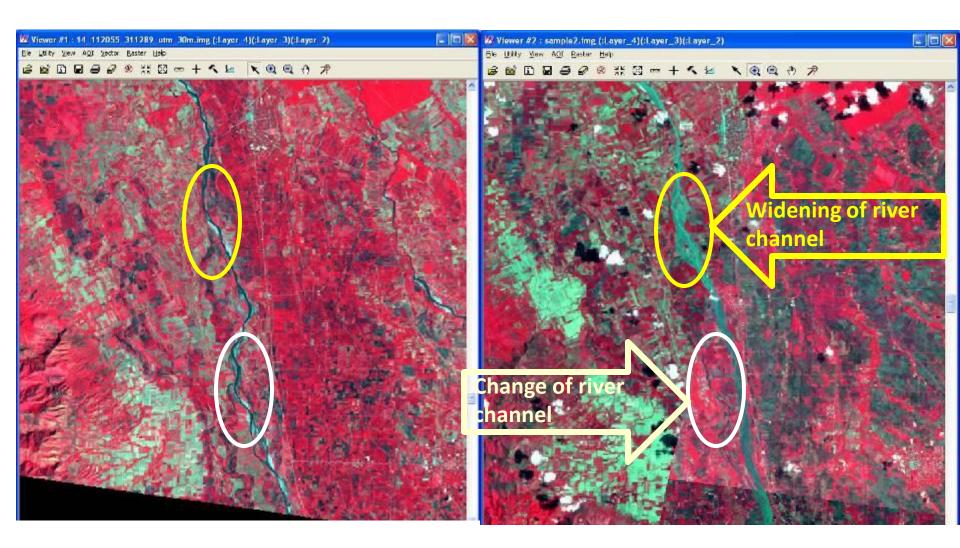
Plus: eventual destruction of the Ligawasan marsh, Pulangi river and Illana Bay

AVL Land Use Cover Map



LAND USE COVER	LAND AREA, HA	%
WOODED AREAS		
Primary Forest	28,104	11.15
Secondary Forest	24,767	9.83
Assorted Tree Cover	26,718	10.60
Total, %	79,589	31.58
DEGRADED AREAS		
Brushland	38,984	15.47
Grassland	35,680	14.16
Sedimented River Bed	3,235	1.28
Total, %	77,899	30.90
AGRICULTURAL AREAS		
Irrigated rice land	32,078	12.73
Upland Rice land	2,180	0.86
Corn	37,975	15.07
Coconut	8,469	3.36
Palm Oil Plantation	3,341	1.33
Cavensish Banana	2,431	0.96
Pineapple	3,578	1.42
Sugar cane Plantion	777	0.31
Asparagus	520	0.21
Total, %	91,349	36.24
Others		
Built Up Areas	771	0.31
Water	865	0.34
Cloudy	1,587	0.63
Total, %	3,223	1.28
Total	252,060	100.00

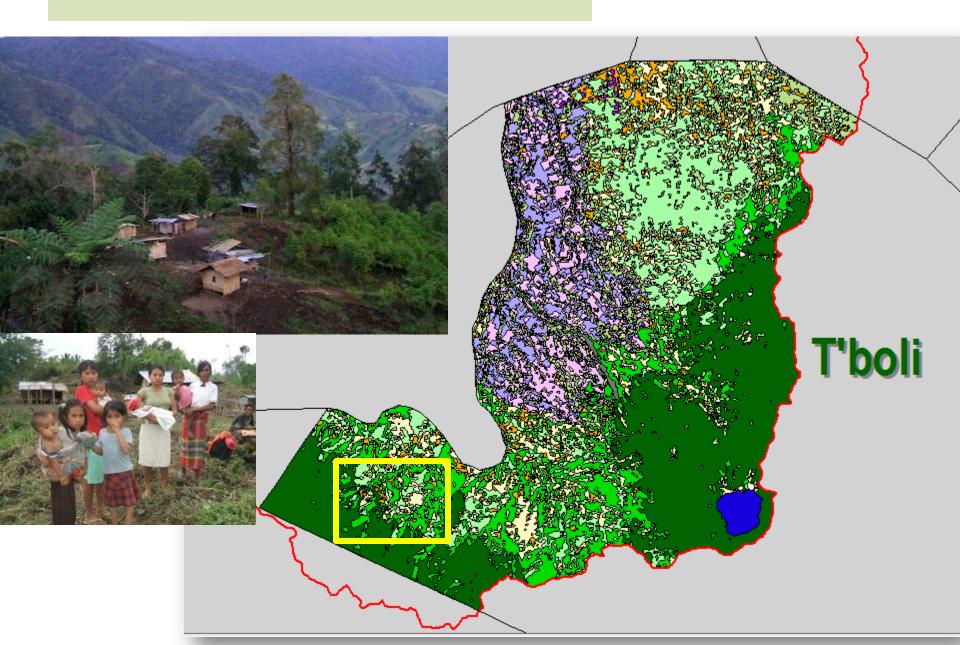
River and Land Use Change

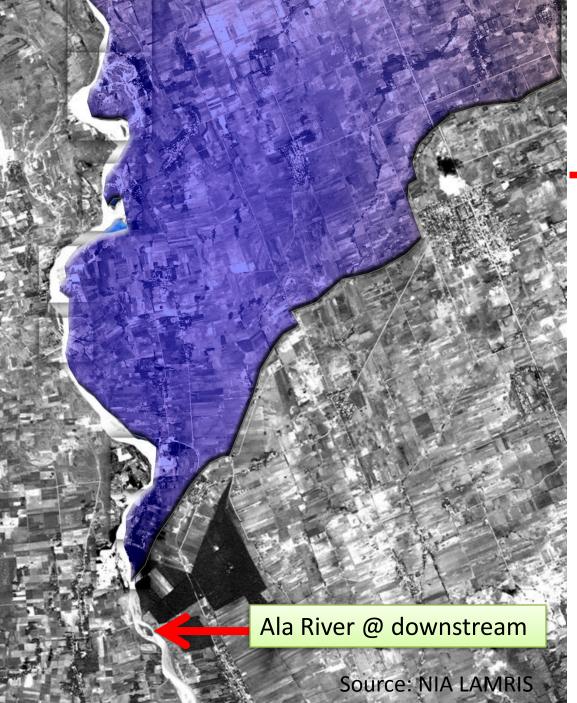


1989: 6 years <u>before</u> the Maughan flooding

2002: 6 years <u>after</u> the Maughan flooding

Upland Degradation

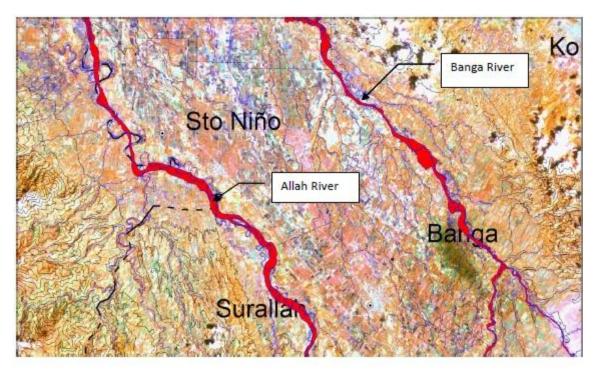




Flash flooding aggravated by Typhoons

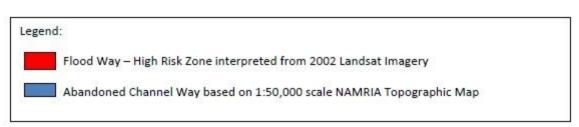


Status of river courses





Banga River



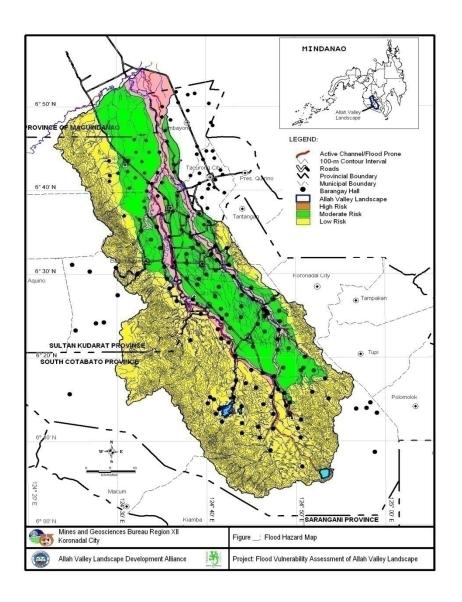


Allah River

Downstream impact: Braided river



Community exposure to Flood



- At least 67 Barangays traversed by the Allah and Banga Rivers in the are exposed to high risk due to flooding
- This translates to approximately 6,700 households or over 40,000 people composed of at least 60 percent women and children.

Utilizing RS-GIS Technology



Remote Sensing-Geographic Information System

 A tool that provides the alliance an updated land resource and distribution data as basis for sustainable management of AVL

Reasons of LGU cooperation

Common problems and challenges

Weak implementation of national laws

High cost of LGU development action and services

Difficulty to address external problems

Political will and stakeholders' readiness

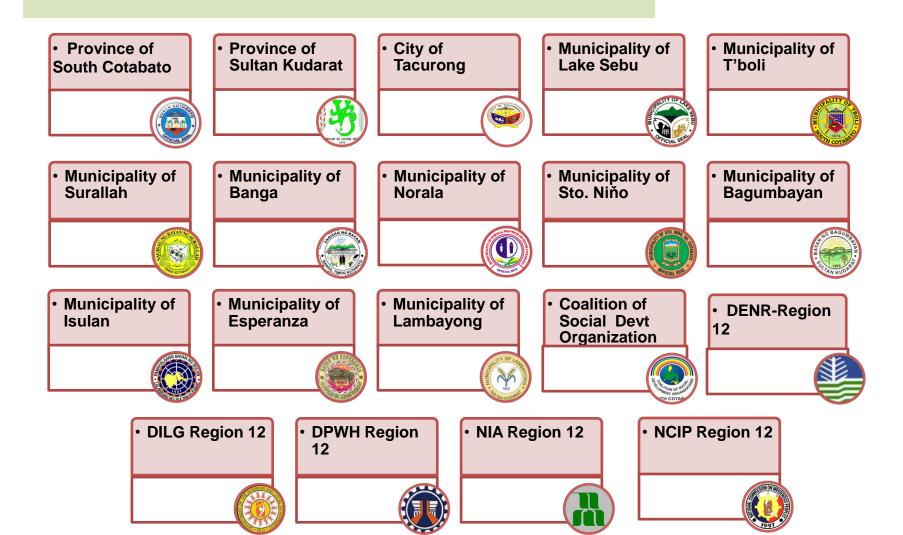
1991 Local Government Code

"Local government units may, through appropriate ordinances, group themselves, consolidate, or coordinate their efforts, services, and resources for purposes commonly beneficial to them" (Section 33)

AVLDA Creation and Operation

- Legal instrument of creation: Memorandum of Agreement signed in March 2003
- Instrument of operation: Manual of Operation
- Basis of program implementation: Environmental
 Management Plan

Members of the AVLDA



Funding Support for Operation and Projects

1. Member-LGUs provide annual contribution with the following distribution:

> Province - P500,000.00

2. Other sources: NGOs, Barangays, civic groups, private sector, donor agencies

Features of the Alliance

Diverse members and partners

LGU-based operation

Not a layer of bureaucracy

Political commitment of local leadership

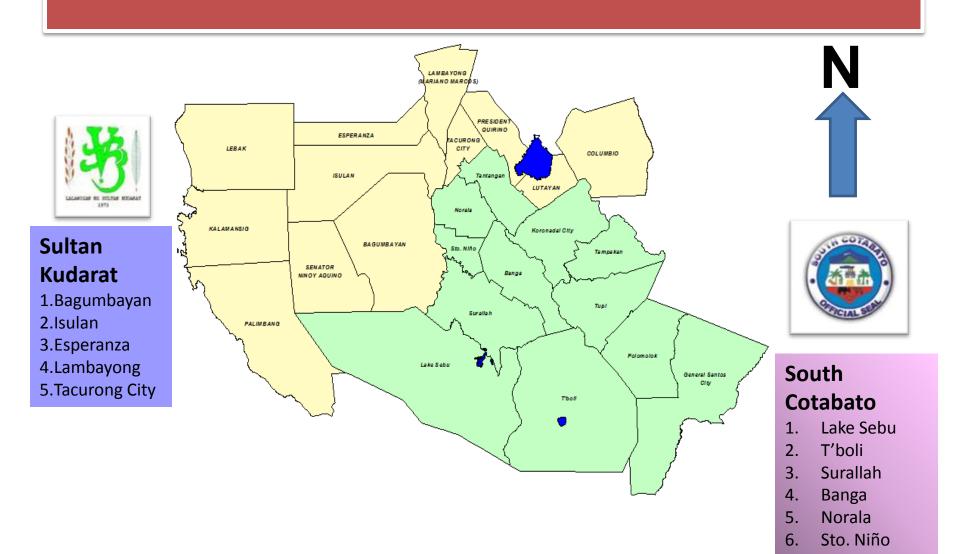
Discussion, consultation and integration venue

Water as a program integration factor





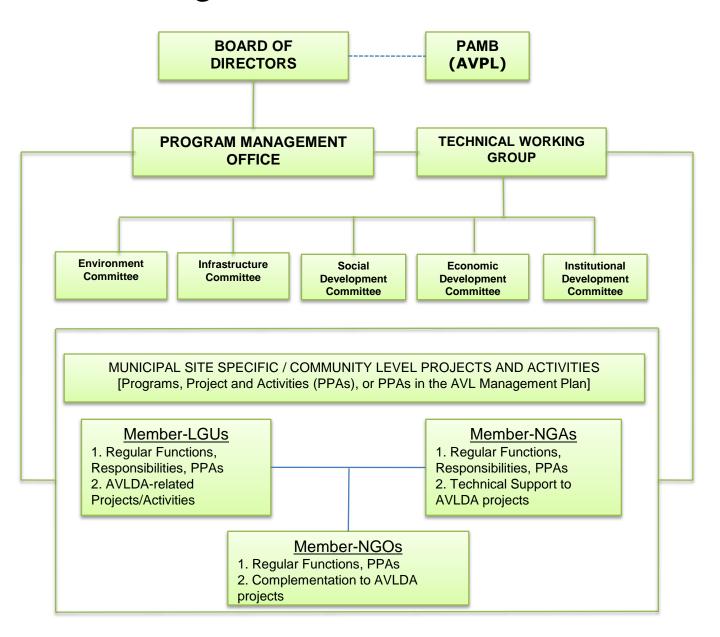
AVLDA Members within the Provinces of South Cotabato and Sultan Kudarat



Function of the Alliance

- The Alliance is a coordinating, policy making, and integrated planning body to respond and address environment problems by undertaking trans-political boundary coherent actions
- Respective members develop and implement their own programs/projects/activities thru partnership arrangement in line with the objectives and goals of the alliance to ensure efficiency and impact
- The Program Management Office (PMO) plays a secretarial role of the alliance and Board, and it implements policies and plans approved by the Board

Management Structure and Process



Composition of the AVLDA Board

Governors of the Provinces of Sultan Kudarat and South Cotabato,

Mayors of the eleven participating municipalities and one city,

Two (2) members of the Sangguniang Panlalawigan who are the respective Chairpersons of each province's SP Committee on Environment,

Regional Directors of National Line Agencies – DENR, DILG, NCIP, DPWH, and NIA – and

Chairperson of Coalition of Social Development Organization-South Cotabato (CSDO-SC)



Cooperation Programs and Strateg

Capability and institution building

Information and education campaign

Remote sensing - GIS mapping

Community mapping for Barangay development

Riparian zone revegetation

Rainforestation and upstream resource management

Sub-watershed adoption and forestland co-management

Complemented with LGU functions, responsibilities, powers on socio-econ devlopment and environmental protection and management in cooperation with concerned NGAs, private sector and NGOs

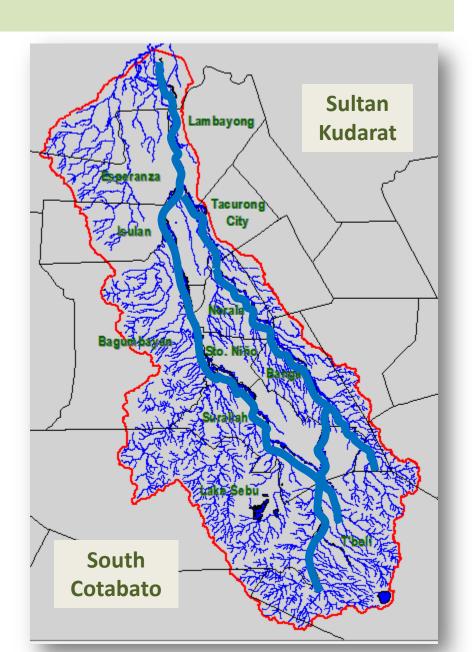
- Law enforcement support
- River improvement works
- ENR institutional building
- Forest and water resources mgt.
- Disaster risk reduction
- Eco-tourism development
- Solid waste management

Management unit: Watershed

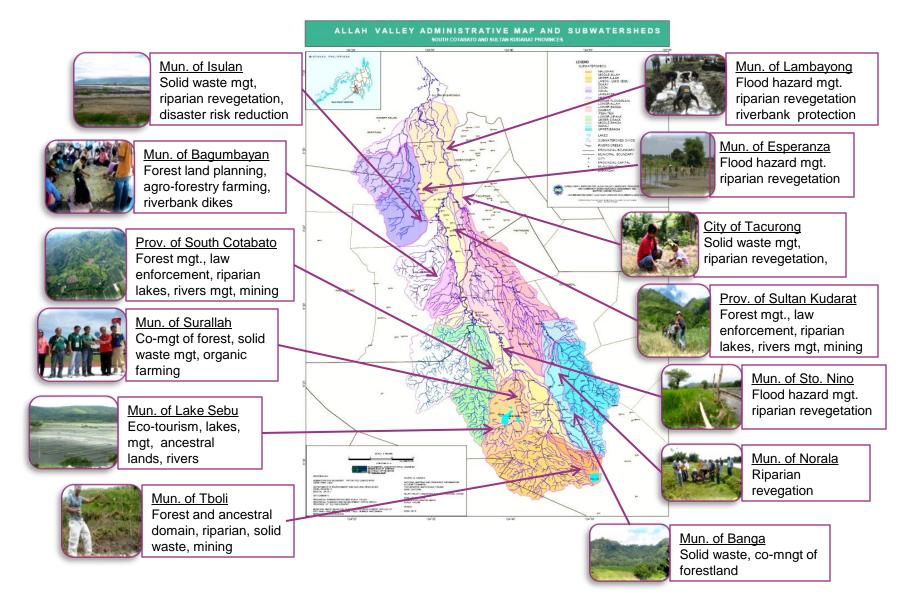
- Watershed is a land area drained by water towards a common outlet
- It integrates upland and lowland processes and provides a means of connecting both worlds
- Ideal approach for strategic,
 problem-based development
 planning and action

Planning and Implementation:

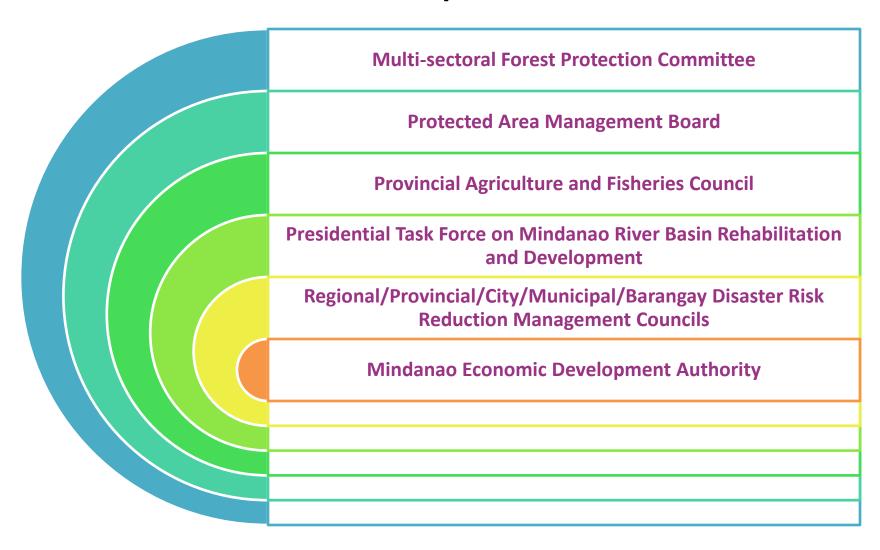
- 1. Environmental Management Plan
- 2. Protected Area Management Plan
- 3. NGO network management Plan
- 4. LGU Comprehensive Land Use Plans
- 5. LGU Forest Land Use Plan



LGU members' Programs and Projects



Existing Mechanisms supporting the AVLDA Operation



Challenges: Program Implementation

Lack of data and information on the physical characteristics of the Allah Valley Landscape

Huge and complicated problems, but LGUs have insufficient alliance funds and weak env't programs

Very few sectors have linkage and support to LGU programs and projects

Problem of finding funds to implement expensive flood control projects

Challenges: Program Implementation

Communities have little awareness on environmental conservation and development

Local executives have differing priorities and support vis-à-vis AVLDA mandate implementation

Pressures from many local officials for the AVLDA to show concrete accomplishments in a short time period

Difficulty to sustain close and effective coordination lines among LGUs, NGOs, and NGAs

Overcoming the Challenges

Conducted Remote Sensing and Geographic Information System (RS-GIS) mapping

Constant information exchange, dialogue and planning actions among alliance members and communities

Intensified information and education among government, non-government and communities

Tapped funding support of the national government

Overcoming the Challenges

Identified viable, low-cost, replicable and community-based projects and activities; yet effective, relevant, responsive such as CB upland development and riparian revegetation

Established functional and permanent agreements and partnership scheme with various sectors and groups

LGUs have created and strengthened their environment and natural resources programs

Conducted regular meetings, planning, monitoring and group activities

Lessons Learned

Unity among many local leaders in watershed areas is possible

Multi-sectoral approach in environmental management led by the LGUs can be institutionalized

Local leaders must have serious commitment to undertake environmental programs

Involvement of private sector, civic groups, communities and other stakeholders is necessary

Lessons Learned

Addressing watershed disaster problems require long term engagement of stakeholders

Alliance building enhances and strengthens LGU coordination, cooperation and resource complementation

Watershed governance creates community empowerment and enhances private sector social responsibility

Technical and management office is needed to run the daily operation of alliance

Lessons Learned

Need to conduct technical and scientific studies to support programs, plans and policies

Need to generate updated land cover and other thematic maps as planning and policy decision tools

LGUs should have good Environment and Natural Resources (ENR) programs/offices, to rely less from national government

Program Sustainability

AVLDA MOA is represented by organization (LGU, NGA and NGO), not by a person signing it.

Support of TWG members, e.g. planning and environment officers, of LGUs for program continuity is very strong.

Program models and plans have been included in the environment and land use plans of the LGUs

Institutionalization of AVLDA program thru inclusion in the environment code of South Cotabato

AVLDA Board of Director's OFFICER

chairperson

GOV. ARTHUR "DODO" Y. PINGOY JR., MD

Governor – South Cotabato

Vice-chairperson

GOV. SUHARTO "TENG" T. MANGUDADATU AL HADJ

Governor – Sultan Kudarat

Secretary

HON. ERNESTO I. CATEDRAL

SP Member, Committee Chair on Environment, South Cotabato

Treasurer

HON. ROLANDO D. FORRO

SP Member – Committee Chair on Environment, Sultan Kudarat

Auditor

HON. FLORANTE L. AGDUMA Mayor – Lambayong, Sultan Kudarat

Avlda bod members

Province of South Cotabato

Hon. Henry l. ladot - mayor, municipality of banga

Hon. Romulo o. solivio - mayor, municipality of surallah

Hon. Ernesto b. manuel – mayor, municipality of t'boli

Hon. Antonio b. fungan - mayor, municipality of lake sebu

Hon. Victor y. balayon – mayor, municipality of norala

Hon. Antonio f. damandaman - mayor, municipality of sto. nino

Province of Sultan kudarat

Hon. Lina o. montilla - mayor city of tacurong

Hon. Diosdado g. pallasigue – mayor, municipality of isulan

Hon. Helen t. latog – mayor, municipality of esperanza

Hon. Rombernardita r. bito-onon — mayor, municipality of bagumbayan

BONG S'LAMAT!!!

THANK YOU!!

Lake Holon, T'boli, South Cotabato



For more information, please visit our website: www.avlda.org.ph

or at our FACEBOOK page