

A Community Forest

The Ikalahan Experience

Engr.
Delbert
Rice,
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5/2/2012

The Kalahan Educational Foundation, Inc.

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The location

■ Caraballo Mountains



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Ikalahan Ancestral Lands



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Managed by Ikalahan Leaders



Who do Micro and Macro Planning.



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Geography

- Elevations - 600 – 1700 meters above sea level.
- Slopes – Average 45 degrees
- Vegetation – Tropical Rain Forests
- Soil – Fractured Sandstone
- Weather – Frequent typhoons from June to December
- Rainfall - > 4000-5000 mm / year



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MOA

1
1974

- Rights: The Land and its Resources belong to the Ikalahan community
- Responsibility: **Protect the Watershed.**

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**But we must also provide
a livelihood for our
families.**

HOW?

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We can produce our own food,



But how about cash?



- We can't expand agriculture.
- We can't expand pastures.
- We can't increase animals.

**To do so might damage
the Watershed!**



We go to the Forest

Harvest Wild Fruits

Guavas



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Go to the Forest

Harvest Wild Fruits

Dagwey



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Even Blossoms

Hibiscus

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Process them

Make Jelly
and Jam

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Sell them

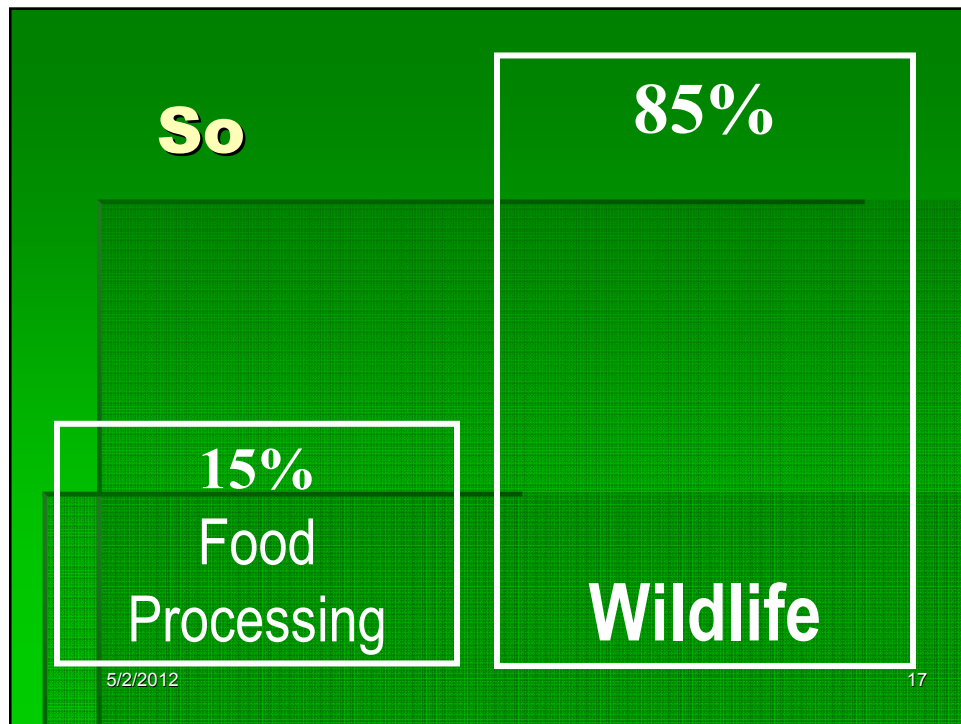


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**But we must protect the
food supply of the
wildlife!**



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Go to the Forest

Inter-
crop
Coffee
Cacao



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Go to the barren areas Plant fruit

Citrus



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Go to the barren areas.

Plant Organic vegetables

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**In the Backyard
Forest**

**Grow
orchids
or roses**

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In the Backyard Forest

Grow mushrooms

Shiitaki

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Cull the forest.

Gently and regularly

To expedite growth

Use F. I. T.

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And train the youth

- Cultural Continuity
- Ancient Systems



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With Research Based Training Materials

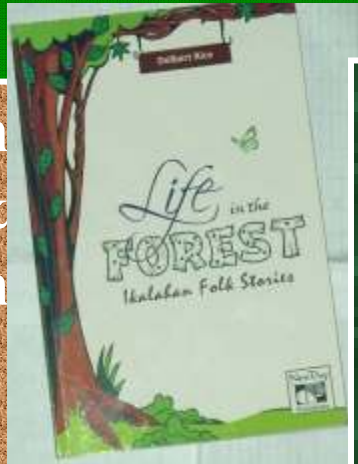


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Build Respect for Culture

Ikalahan
Ritual &
Religion



Ikalahan
Justice
System

To strengthen community



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Teach Modern Technologies



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To manage Community Based Enterprises.



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**And realized our forests
could help delay it.**

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**We begged funds to
begin the carbon
inventory.**



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**We Blocked 10,000
hectares of production
forests**

**And established
sample plots**

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**We update the
measurements regularly**



**We now know how much
carbon dioxide has been
sequestered each year.**

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**We
begged
money to
measure
the water
for Magat
Dam
regularly.**



**But our people are
still below the
poverty line.**



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**We provide clean water for
Irrigation downstream.**



**But we are not yet
being paid.**

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**Our Forests sequester
carbon to prevent global
warming**



But we are not yet being paid.

**We can produce
sustainable energy,**



But we don't have capital

Payments for Environmental Services are needed

- So we can escape from poverty
- So we can afford to protect the forests.
- So we can expand our forests
- So we can restore the wildlife
- So we can provide health services
- So we can provide appropriate education.



We Forest People can sustainably manage the forest

BUT

- Land Tenure is the prerequisite
- Appropriate policies are needed
- Must Maintain Cultural Continuity
- Must Encourage Bio-Diversity
- Must Encourage Economic Diversity
- Must Do Holistic planning
- Must Maintain an Ecological attitude.



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**We are entitled to
payments for
ENVIRONMENTAL
SERVICES.**

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And we don't know how to
protect the forests if we are
not paid.



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