



# NIA DIGEST

THE OFFICIAL NEWS MAGAZINE OF THE NATIONAL IRRIGATION ADMINISTRATION

*Special Edition*

**Trees. Water. Life.**



**S. NANGEL**  
ADMINISTRATOR





**C.A.R.**

**Cordillera Administrative Region**

Planting Site:  
Balasi, Flora, Apayao 3 ha  
Area: 236  
No. of Participants:  
Seedlings Planted: 4,220 forest and fruit trees



Regional Director  
John L. Socalo



## Nationwide synchronized tree planting launches irrigation week

*"The best time to plant a tree is twenty years ago. The second best time is today." Chinese Proverb*

This year's 49th NIA anniversary celebration was a milestone as it kicked off with a NIA synchronized tree planting on June 8 when thousands of trees were planted all over the country.

This distinctive NIA activity aimed to help save the watersheds and communal forests in the country which are the source of water in irrigation systems.

In NIA-CAR alone, a total of 14,687 trees in 35 different planting sites including two areas in NIA-CAR covered UCRIS-Quezon, Isabela were planted. Out of these trees, 9,282 were forest trees like pine, narra and mahogany. Others were agro-forest trees or fruit trees planted at the lower slopes.

Drizzles and rains, far-flung and steep rugged planting sites and long walks failed to stop the tree planters to-

taling to 1,445 individuals composed of NIA employees and irrigators' associations together with some LGU and CENRO officials as well as several students.

Planting sites in the region with an estimated total area of 18.94 ha were mostly part of the critical watersheds in the DENR-list and water sources of the national and communal systems. Most forest tree seedlings planted in the identified watersheds was provided by the CENROs, while other seedlings mostly agro-forest trees are procured by the NIA from local nurseries.

NIA regional and field offices in the region have also started to revive their plant nurseries in preparation for the Golden Anniversary of NIA in 2013.

"Mag-tree planting for reforestation and for the next generation," said Mrs. Cesaria Nacar, IA secretary of Abut Santos FIA of the Upper Chico River Irrigation System, the largest NIS in CAR.

Planting Site:  
Masablang, Tabuk City, Kalinga  
Area: 0.441 ha  
No. of Participants: 49  
Seedlings Planted: 450 fruit trees

Planting Site:  
Naneng, Tabuk City, Kalinga  
Area: 0.567 ha  
No. of Participants: 63  
Seedlings Planted: 850 forest trees, 60 fruit trees



Planting Site:  
Bana-ao, Tadian, Mountain Province  
Area: 0.576 ha  
No. of Participants: 64  
Seedlings Planted: 450 forest trees



Planting Site:  
Eco-reforestation Site, Namnama, Quezon, Isabela  
Area: 0.675 ha  
No. of Participants: 75  
Seedlings Planted: 842 forest trees



Planting Site:  
Dangoy and Manangol, Lubuagan, Kalinga  
Area: 0.225 ha  
No. of Participants: 25  
Seedlings Planted: 200 forest trees

Down below the planting site is the Chico River that runs from the head-water source in Mountain Province down to Kalinga. The Chico River is the source of irrigation giving life to the thousands of rice terraces farmers in the municipalities in Mountain Province, Kalinga and even as far as Quezon, Isabela.



Planting Site:  
Poblacion, Tinglayan, Kalinga  
Area: 0.972 ha  
No. of Participants: 108  
Seedlings Planted: 300 forest trees 600 forest trees





# Region 1

As committed, the joint Regional Office No. 1, Pangasinan IMO and ARIIP Tree Planting activity was conducted on June 8, 2012 simultaneous with all other NIA offices nationwide in compliance with the NIA National Tree Planting Program as declared by Administrator Antonio S. Nangel in line with the government's National Greening Program. The launching also aimed to commemorate the 49th Founding Anniversary of the agency held last June 18-22, 2012.

Prior to the actual day of tree planting, some preparatory activities were undertaken to ensure the success of the program. On March 28, 2012, a letter-request for some planting materials was sent through e-mail to the Office of the Provincial Agriculturist. Mrs. Dalisay Moya, OPAG of the Provincial regional office through Engr. Frida L. OIC, informed the regional office will have to be done by the Nidoj that site inspection will have to be done by the Dept. of Environment and Natural Resources (DENR) prior to seedling distribution to ensure the adaptability of the trees to the type of soil in the area. Likewise, the IDS' coordination with the IA officers and members within the period, especially on clearing the site of grazing animals, goats in particular, and assignment of IA members to take care of the plants.

On May 4, 2012, a pre-tree planting orientation was conducted at the regional office after Engr. Nidoj coordinated with the DENR which sent a team headed by Engr. Ernesto C. Corpuz, Jr., Sr. Services Research Specialist with Forester Jocelyn C. Sagun to lecture the immediate need of reforestation in order to mitigate the ill-effect of global warming; likewise, demonstrated the mechanics of proper planting: soil preparation, hole digging and actual planting; so as not to spoil the young forest trees. A power point presentation showed seven (7) planting sites among the selected priorities under the DENR 2012 National Greening Program. The Agno River Watershed at San Felipe, San Nicolas, Pangasinan within the vicinity of the re-regulating pond was the priority planting site chosen by the group wherein about five (5) hectares of the NGP site shall be planted. The orientation was attended by some 40 NIA officials and employees from the Regional Office, PIMO and ARIIP.

Despite the scorching heat of the sun, representatives of the three groups proceeded to the Agno River Watershed on May 23, 2012 for the site preparation following the steps laid out by the DENR. Site inspection was done May 25.

Clearing the tree planting site - May 23, 2012



Regional Irrigation Manager Manuel L. Collado led the Tree Planting Activity of Region 1.



1000 Seedlings from Environment and Natural Resources Management Office

Intermittent rains came almost every afternoon starting on the 3rd week of May which made the soil moist and porous, prepared and fit for the tree planting activity.

On June 7, 2012, about 2,000 Mahogany and 500 more of Kamagong, Acacia and Santol seedlings were hauled through a stake truck from the CENRO Nursery at Brgy. Anonas, Urdaneta City to the planting site. The seedlings were divided among the following offices: ARIIP, Ambayaoan-Dipalo RIS, Lower Agno RIS, San Fabian-Dumoloc RIS, Agno RIS & RIO at 500 seedlings per office per hectare.

As agreed, on June 8, 2012, all participants of RIO and PIMO led by no less than Regional Manager Manuel L. Collado gathered at the regional office grounds while the rest of the PIMO group prepared the snacks and packed lunch of the participants. At around 7:30am with all the Division Managers and the Irrigators' Association members led by their R1CIA president Ofociano C. Manalo, the group proceeded to the planting area at Brgy. San Felipe, San Nicolas, Pangasinan and at the planting site at around 8:00am. Immediately, everyone picked 10 seedlings each to plant despite the wet, slippery slopes of the planting site. RM Collado instructed immediate planting before the seedlings dry up, while humidity in the air was still high. He led his staff while the rest did their part in their assigned areas. The food committee members of PIMO and the rest of the IA members who came later completed the planting activity led by Engr. Frida L. Nidoj who planted the last seedling at 10:00 am. The last actions were documented through a digital camera. The tree planting activity participated in by about 297 attendees, lasted till 10:30am.

NIA Region 1 has planted a total of four thousand three hundred forty (4,340) seedlings of assorted forest and fruit bearing trees as follows: Ilocos Norte Irrigation



The participants scattered all over the place with one objective: to save Mother Earth.



NIA-LUIMO group approaching the site



NIA Region 1, DENR & IA officials



ISIMO personnel planting fruit trees



The tree planters scamper for their share of 10 seedlings each



ARIIP Tree Planters

RM Collado leads the thumbs up sign. RIO, PIMO and IA together as one in greening the Agno RIS Watershed for a successful tree planting activity area, an initial contribution towards mitigating the ill effect of global warming.

Management Office (INIMO)-340; Ilocos Sur Irrigation Management Office (ISIMO) - 1,000; La Union Irrigation Management Office (LUIMO) - 500 and combined Regional Irrigation Office (RIO), Pangasinan Irrigation Management Office (PIMO) and Agno River Integrated Irrigation Project (ARIIP) - 2,500.

Programmed for Region 1 within two years is 6,000 seedlings, hence the region has one thousand six hundred sixty (1,660) more trees, but not limited to plant in order to truly contribute in mitigating the ill-effect of climate change.



# Region 2

## Programmed Area

In coordination with the Department of Environment and Natural Resources (DENR) and the Local Government Units (LGUs) in our area of operation, we were able to locate around 30 hectares of public lands situated on the watersheds of the different systems and on reserved reforestation areas. However, due to lack of seedlings suited for the areas identified, we only programmed 12 hectares and a two-kilometer portion of the service road of Pasa Small River Impounding Project in barangay Pasa, Ilagan, Isabela.



The Ceremonial Tree Planting held at the Korean International Co-operation Agency (KOICA) Office Compound in Pasa, Ilagan, Isabela by Regional Irrigation Manager Vicente E. Galvez of NIA Region 2 and Mr. David Song of the Korean International Cooperation Agency (KOICA).

As previously planned, the Tree Planting went on smoothly among the different irrigation systems under the four Irrigation Management Offices in Region 02 with the exception of Magapit Pump and Banurbur Creek Irrigation Systems whose planting site was not accessible due to the heavy rainfalls in the area few days before June 8. However, the tree planting activity went on successfully the following Monday, June 11, when the rain subsided and the area was already accessible.

## Seedlings

Availability of seedlings was a problem, nevertheless we raised 2,450 seedlings of Mahogany, Narra, G-Melina and assorted fruit trees which are too small (about 6-8 months old) for planting and not sufficient enough for our programmed planting area. We therefore decided to purchase seedling from private supplier, but instead of all forest trees, we decided to purchase fruit trees in order to develop agro-forest plantations which will make the project two-pronged: first, it will be for the benefit of the farmers in the locality and second, it will be of great help to the Food Sufficiency Program of the government.

Besides, if we aim to involve the Irrigators Associations in the proper care and maintenance, we believe that planting more fruit trees will entice them to take good care of the trees as the farmer-members will eventually benefit from them in the long run. Thus, in terms of species our seedlings are distributed as follows: 700 pcs. Kasoy; 1,200 pcs. Mango; 900 pcs. Rambutan; 450 pcs. Guayabano and 100 pcs. Kawayan for a total of 3,350 seedlings.



Grafted Mango and Rambutan seedlings purchased from a private supplier.

## The Trees Planted

Through the joint effort of the NIA employees, Irrigators Associations, DENR, LGU and other concerned citizen, NIA Region 2 planted a total of 5,768 seedlings, 3,250 of which are fruit trees, 2,950 assorted timber trees and 100 pieces of Bamboo. The number of trees planted per office are as follows:

Isabela IMO/Tumauini/Mallig River/ San Pablo-Cabagan Iss	1,500
Cagayan Batanes IMO/Lower Chico River/Solana Pump and	
Pinacanauan River Irrigation System	800
Nueva Vizcaya IMO/NV Bagabag Irrig. System	700
Magapit Pump/Banurbur Creek Irrigation System	600
Iguig-Alcala-Amulung Pump/Baggao Irrigation System	542
East Apayao-Abulog Irrigation System	541
Quirino IMO/Addalam River Irrigation System	500
Baua River Irrigation System	200
Visitacion Irrigation System	200
Zinundungan River Irrigation System	150
Dummun River Irrigation System	35
<b>TOTAL NO. OF TREES PLANTED</b>	<b>5,768</b>

President Jimmy Pastores of Sto. Domingo Irrigators Cooperative, Inc. signing the Memorandum of Agreement right at the plant site in Sto. Domingo, Bambang, Nueva Vizcaya, while Division Manager Francisco A. Domingil of Nueva Vizcaya MO and Ms. Raquel S. Tubog look on.

Determined to green this balding side of the mountain slope of the Siera Madre ranges in barangay Pasa, Ilagan, Isabela, NIA employees and farmers join hands to plant assorted timber and fruit trees.



A group of jubilant participants upon reaching the top after a long struggle

With the presence of the World Bank Mission and Participatory Irrigation Development representatives conducting evaluation on PIDP Projects at the Dummun River Irrigation System, a Ceremonial Tree Planting Activity was conducted at the system's compound with the participation of WB, PIDP and NIA Region 2 officials.



RIM Vicente Galvez at work planting his first Rambutan seedling at the SRIP dam site.



A group of NIA Region 2 employees took time to pose for posterity with RIM Vicente E. Galvez (in white t-shirt and brown hat) at planting site marker on top of the Pasa Small River.



A group of NIA employees and IA members led by Regional Irrigation Manager of NIA Region 2 (in white t-shirt) while crossing the Pasa River for the Nth time.



# MARIIS



Acting Operations Manager  
Hely S. Bermudez



Full Force. Irrigator associations  
came in trucks, all set to plant their trees



Members of the Council of Irrigators Associa-  
tions proudly carry the Tree Planting banner.



Site Inspection.  
Dam and Reservoir Divi-  
sion Manager Florentino  
C. Baniqued with DRD  
Watershed Management  
Section Chief Rodrigo V.  
Olimon showed the site to  
the Head Office team.



Up, up and Plant. NIA employees and CIA representatives made their way up  
towards their assigned planting areas.



They come in droves. CIA  
members, NIA's partners in  
community development gave  
their full support to the  
activity.

Hundreds of employees from the MARIIS Head Office, Divisions I, II, III, III and Dam and Reservoir and hundreds of irrigators association members gathered at the Magat Dam Park as early as 8:00 AM on June 8, 2012 for a quick briefing before going to the planting area in the Magat watershed – Isla Verde in Barangay Aguinaldo, Ramon, Isabela.



Doing his part. Everyone, from the  
bosses to the rank and file employees,  
planted trees and did their part



Head Office	Division 1	Division 2	Division 3	Division 4	Reservoir Division
107 employees	2,000 seedlings	2,000 seedlings	2,000 seedlings	2,000 seedlings	1,000 seedlings
1,000 seedlings	Eucalyptus, Narra, and Ipil	Eucalyptus, Narra, and Ipil	Eucalyptus, Narra, and Ipil	Eucalyptus, Narra, and Ipil	Eucalyptus, Narra, and Ipil
Eucalyptus, Narra, and Ipil	88 employees	90 employees	100 employees	88 employees	300 employees
2 hectares planted	94 IA members	104 IA members	86 IA members	79 IA members	2 hectares planted
	4 hectares planted	4 hectares planted	4 hectares planted	4 hectares planted	



# Region 3

Bilang tugon sa programa ng ating pamahalaan na pinamagatang "National Greening Program" na nakapalob sa Executive Order No. 26 ng Pangulo ng Pilipinas, ang NIA ay naglunsad ng sabay sabay na Tree Planting sa buong bansa noong ika 8 ng Hunyo 2012.

Mahigit 100 kawani ng NIA Regional Office 3 at ng NIA-Bulacan Office ang nagtungo sa Barangay Camachin, Doña Remedios Trinidad na pinangunahan ni Engr. Reynaldo D. Puno, ang Direktor ng NIA Region 3 at nagtanim ng mahigit 1500 puno ng narra sa kalbong kabundukan nito. Hindi alintana ang matinding init ng araw, ang grupo sakay ng mga 1500 puno ng narra sa kalbong kabundukan nito. Hindi alintana ang matinding init ng araw, ang grupo sakay ng mga 1500 puno ng narra sa kalbong kabundukan nito. Hindi alintana ang matinding init ng araw, ang grupo sakay ng mga 1500 puno ng narra sa kalbong kabundukan nito.



DRT, Bulacan-RIM Puno led the Tree Planting Activity of NIA Region 3

RIM Reynaldo D. Puno with Region 3 and BANE-IMO staff supports the National Tree Planting Activity. The group goes to the mountain of Camachin, Dona Remedios Trinidad, Bulacan and planted almost 3000 Narra seedlings.

Kaagapay ng mga kawani ng NIA ang ilang opisyal ng Department of Environment and Natural Resources (DENR) at ng Baranggay. Mayroon ding mga kawal na sumuporta sa pagtatanim ng grupo. Sa loob lamang ng ilang oras, ang mahigit 1500 punla ay naisakatuparang itanim, kaalinsabay ng biglang pagbuhos ng malakas na ulan. Bagama't nabasa ng ulan, ang mga kawani ng NIA Region 3 ay sama-samang bumalik sa kanilang tanggapan na may pagmamalaki, sapagkat naging kabahagi sila sa pangangalaga ng Inang kalikasan.

Kasama din ng grupo ang Finance Manager ng NIA na si Gng. Rochelle Cervantes at ang Provincial Irrigation ng Manager ng Bulacan na si Engr. Roberto Pascual.



2,500 mahogany seedlings planted in the 5 has. mountainous portion of Brgy. Papaac, located 9 kms. west of Camiling, Tarlac.



In Zambales area, despite unpleasant weather, nine hundred (900) seedlings were planted successfully by the joined hands of personnel of Nayon-Bayto RIS and Zambales PIMO with the participation of Zambales Federation of Irrigators Association.



800 banana seedlings were planted to, Cong. Dadong Dam area located at Arayat Pampanga

## Region 3

No. of Trees Planted  
Covered Area (ha)

6,400  
3



# UPRIIS

UPRIIS Department Manager, Engr. Josephine B. Salazar also happily plants a tree.



UPRIIS employees climb the slopes to plant as many trees as possible

## UPRIIS Head Office

Tree Planting Site: Pantabangan Dam Watershed Area  
Location: Sitio Cabugbugan, Brgy. San Juan, San Jose City, Nueva Ecija (Upper Slope)

Number of Personnel Mobilized: 100  
Actual Number of Seeds Planted: 500 seedlings  
Type of Trees: Cacao, Mahogany and Narra  
Other Participants: NIA Central Office, CMIPP  
Actual Number of Seeds Planted: 500 seedlings

Division II Manager, Engr. Voselito A. Mangunay asked for a shot while planting a tree.



The employees didn't mind the scorching sun as they plant as many as they want.



On June 8, 2012, UPRIIS preferred two planting sites to conduct its tree planting activity which was held simultaneously with other regions nationwide. The sites were at Pantabangan Dam Watershed Area and Aulo Dam in Pantabangan and Palayan City, Nueva Ecija respectively. The Pantabangan Dam Watershed is included on the DENR's List of Critical Irrigation Watershed that needs Rehabilitation and Protection with identified 82,900 hectares of watershed area.

UPRIIS hosted the event with the Department of Agriculture (DA) Secretary, Proceso J. Alcala as the guest speaker and supported by NIA's Top Management lead by the Administrator Antonio S. Nangel. It was participated in by all of its employees including other NIA Central Office Personnel, Casecnan Multipurpose Irrigation Project (CMIPP) Staff, Local Government Unit Leaders and Academic Institution Representatives and some Officials and Members of Irrigators' Associations (IA). All the divisions were assigned at Pantabangan except for Division 3 employees who planted at Aulo Dam.

Overall, the occasion was a success. A total of 7,315 trees were planted on the 2 hectares selected area. The type of trees planted include Narra, Cacao, Paper Tree, Mahogany, Atis, Santol, Mango, Caimito and Guyabano. These were planted mostly on the upper slope areas of the selected sites.

## Division I

Tree Planting Site: Pantabangan Dam Watershed Area  
Location: Sitio Cabugbugan, Brgy. San Juan, San Jose City, Nueva Ecija (Upper Slope)

Number of Personnel Mobilized: 76  
Actual Number of Seeds Planted: 1000 Narra Seedlings  
Number of Irrigators' Associations who participated:



Division I Personnel in action during the Tree Planting Activity

## Division II

Tree Planting Site: Pantabangan Dam Watershed Area  
Location: Sitio Cabugbugan, Brgy. San Juan, San Jose City, Nueva Ecija (Upper Slope)

Number of Personnel Mobilized: 120  
Actual Number of Seeds Planted: 715 Seedlings  
Type of Trees Planted: Narra, Paper Tree, Mahogany, Atis, Santol, Mango

Number of Irrigators' Associations who participated: 16



## Division III

Tree Planting Site: Aulo Dam  
Location: Palayan City, Nueva Ecija (Upper Slope)  
Number of Personnel Mobilized: 102  
Actual Number of Seeds Planted: 500 Seedlings  
Type of Trees Planted: 100 Mango, 100 Caimito, 75 Atis, 125 Mahogany & 100 Guyabano

Number of Irrigators' Associations who participated: 50



Division III Manager, Engr. Jose Ariel G. Domingo lead his group during the activity



Members of the divisions Irrigators Associations gladly participated in the event.

## Division V

Tree Planting Site: Pantabangan Dam Watershed Area  
Location: Sitio Cabugbugan, Brgy. San Juan, San Jose City, Nueva Ecija (Upper Slope)

Number of Personnel Mobilized: 37  
Actual Number of Seeds Planted: 500  
Type of Trees Planted: Narra

Number of Irrigators' Associations who participated: 7



Division V working hand in hand with their Irrigators Associations

## Division IV

Tree Planting Site: Pantabangan Dam Watershed Area  
Location: Sitio Cabugbugan, Brgy. San Juan, San Jose City, Nueva Ecija (Upper Slope)

Number of Personnel Mobilized: 50  
Actual Number of Seeds Planted: 500 Seedlings  
Type of Trees Planted: Narra, Mahogany & Cacao



The staff of Division IV took this shot as their souvenir.



The Dam & Reservoir Staff scattered around the site to find their own places to plant a tree.

## Dam & Reservoir Division

Tree Planting Site: Pantabangan Dam Watershed Area  
Location: Sitio Cabugbugan, Brgy. San Juan, San Jose City, Nueva Ecija (Upper Slope)

Number of Personnel Mobilized: 140  
Actual Number of Seeds Planted: 2900 Seedlings  
Type of Trees Planted: Cacao 464, Mahogany 580, Narra 1856





## Region 4A



## Region 4B

All NIA employees gather together at around 10 in the morning of June 8, 2012 to simultaneously hold the NIA Nationwide Tree Planting with the theme "Greening the Philippines, the NIA Way."

Headed by the Acting Regional Manager Conrado V. Cardenas Jr. and OIC for Eng'g & Operations Division Cesar M. Pobre, together with the MOMARO IMO OIC Carlito T. Resurreccion, Occidental Mindoro IMO OIC Raymundo L. Calusin and Irrigators Association, NIA IV-B eagerly participated in the said activity.



Rm Conrado V. Cardenas plants his tree

The region identified the canal embankment of Bacu-Bucayao RIS, riverbanks of Pinamlayan and watershed of Ibat-Iraan SRIP as the sites for tree planting. The Regional Office, BBRIS, MTRIS, Pula-Bansud RIS and Or. Mindoro PIO accumulated 3,000 seedlings of Kamagong, Molave and Pili from the Local Government Unit thru PENRO and planted them with the help of Ms. Norma Cardino, Project In-charge of Greening Program.

Palawan IMO headed by their OIC Mario M. Hebreo simultaneously does the same activity together with their Irrigators Association, CENRO representatives, Federation members and Barangay Officials. They were able to plant a total of 300 tropical forest seedlings and 100 seeds of fruit-bearing trees at Ibat-Iraan SRIP, Aborlan.





# Region 5



NIA Bicol Director William Ragodon (squatting, left) and Engr. Tom Francia (right) join hands in planting the first Pili seedlings at the foot of Mount Isarog in Paniquason, Naga City



Engr. Homer Diokno, acting IMO head of Camarines Sur MO (5th from left) with some of his staff at the shoulder of Mount Asog in Iriga City.

As early as 2011, the Bicol District of the NIA Employees Association of the Philippines (NIAEASP) already initiated and implemented a regionwide tree planting program as part of the 3-year countdown to the 50th or Golden Anniversary of the National Irrigation Administration (NIA).

NIAEASP-Bicol came up with the concept of planting trees every NIA anniversary for three consecutive years (2011 to 2013) to commemorate it in a meaningful and relevant way and in support of the National Greening Program of the administration of President Benigno S. Aquino III.

So when NIA Administrator Antonio S. Nangel ordered a nationwide tree planting program on June 8, 2012, NIA Bicol enthusiastically complied with the directive having already laid down the ground works a year before.

NIA Bicol Director William Ragodon, who led officials and employees of the agency in the simultaneous tree planting activities in seven different sites in Camarines Sur, Camarines Norte, Sorsogon, Masbate, and the two cities of Naga and Iriga, said a total of 3,300 seedlings of Pili, Narra and Mahogany trees were planted by some 555 participants composed of NIA personnel, IA officers and members, barangay and town officials.



NIAEASP Bicol District President Ed G. Yu, PRO of NIA Region 5 covers the roots of the newly planted seedling.

Five of the seven planting sites are located in watershed areas in the provinces of Camarines Sur, Albay and Sorsogon that nourish rivers, creeks, streams and springs, where numerous irrigation systems get their water supplies. The rest of the planting areas are near dam sites in Camarines Norte and the island province of Masbate.

Director Ragodon said the planted trees will be taken care of by members of People's Organizations and Irrigators Associations who committed to ensure that the seedlings grow to become full-blown trees that will guarantee an endless supply of water, clean air and prevent environmental degradation in the region.



Albay Interim IMO head Engr. Cristeta Mesias (4th from left) and Polangui Mayor Cherry Sampal pose with NIA and IA personnel at the planting site in Banilad, Polangui, Albay.



Sorsogon-Masbate Interim IMO head Engr. Alan Fabricante covers with soils the Mahogany seedling he planted, while Engr. Leto Barnal (standing, seedlings in both hands) look on.



Employees of the regional office before trekking to the planting site in Mt. Isarog.



Members of Team CamSur IMO after the tree planting activity

In 2011, Director Ragodon joined President Aquino in Pili, Camarines Sur during the launching of the El Verde Movement, a regreening project of the provincial government of Camarines Sur that aimed to plant 12 million trees by 2012. During its initial launching that year, some 500,000 trees were planted in one hour, which earned a Guinness World Record for the most number of trees planted in one hour.

Mrs. Maria Ilarde (kneeling, left), division manager of the Administrative and Finance Division of NIA Region 5 poses with personnel of the regional office after the tree planting activity.



Engr. Melit Jerusalem, Engr. Tess Francisco and Ms. Annela Arejola (in descending order, facing the camera) on their way to the planting site.



NIA Albay Interim IMO personnel, IA officers and LGU officials in a group photo after the tree planting activity.





# Region 6

## Activity Preparations

- Coordination with the DA, PENRO, CENRO and LGUs
- Hauling of seedlings and transporting them to planting sites
- Seedlings include various fruit bearing and endemic trees

In support to the government's National Greening Program, the National Irrigation Administration conducted a nationwide tree planting activity on June 8. It was a simultaneous event participated by personnel from the Central Office, Regional Offices, Irrigation Management Offices and the Irrigators' Associations.



In Region VI, Regional Manager Gerardo P. Corsiga said that about 2,000 employees and members of the Irrigators' Associations planted more than 20,000 fruit bearing and forest trees, covering almost 20 hectares of selected watershed areas in Aklan, Antique, Capiz, Iloilo and Negros Occidental.



In Aklan, led by Aklan-Capiz IMO chief Engr. Rizalo Concepcion, the tree planters went to Brgy. Galicia, Madalag, Aklan in the watershed area of Timbaban River, which serves the Aklan River Irrigation System.

Capiz personnel and IAs went to Mt. Lirong in Sitio Minor, Brgy. Bula, Mambusao, Capiz and the watershed of Cuyo and Manawayan Creek. These drain to Maninang River, which provides irrigation water to Maninang CIS.



In Antique, personnel went to plant at Brgy. Tordesillas, Sibalom, Antique, the watershed area of Sibalom RIS. The members of different IAs were also given seedlings, which they planted in the watershed areas near their respective barangays. They were led by OIC Randy C. Alipis.



Negros Occidental planters, led by Division Manager Joel A. Basiao, scattered to plant trees in several watershed areas that provide for the Bago and Pangiplan River Irrigation Systems. They also planted in watershed areas of Binalawan River and Gintubdan River.



The personnel of the NIA Regional Office VI and Iloilo-Guimaras Irrigation Management Office with RIM Corsiga and IGIMO Division Manager Jesus L. Dato-on, planted in the Tigum-Aganan Watershed in Brgy. Daja, Maasin, Iloilo, which is the headwater source of the Sta. Barbara River Irrigation System

"This is NIA's way to help preserve the environment, especially our watersheds which are the source of water for irrigation", Manager Corsiga said.

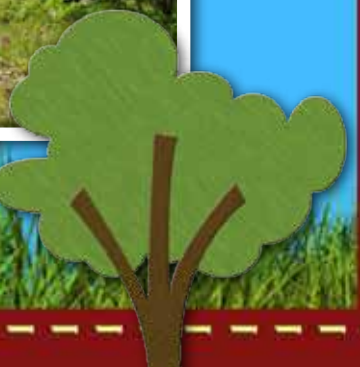


The tree planting activity will be an annual event for the NIAns. The activity was initiated by DA Secretary Proceso Alcala and NIA Administrator Antonio S. Nangel, who encouraged all employees and irrigators' associations to take part.

"This is our small contribution in preserving our forests for the next generations", Nangel said.



RIM Gerry Corsiga planting his own tree and more.





# Region 7



Rm Diosdado A. Rosales plants his tree



Engr. Nestor M. Pastor, the new MO Head as he conveys to the Negros Oriental-Siquijor MO employees the importance of trees...



Engr. Helen T. Lacpao explains the right way to plant a tree...



As the societies continue to evolve and nations develop, there is an impending danger that comes with it, the danger of climate change. As experienced in the past few years due to the deterioration of our environment and stress from the ever growing needs of people, there has been a significant rise of temperature around the world. With this alarming event arising, the National Irrigation Administration, as part of their corporate social responsibility, is resolute in contributing to mitigate this event by implementing a simultaneous nationwide tree planting activity last June 8, 2012. Furthermore, this was also NIA's way not only to inculcate the love of nature to all its employees but also to stay true to the Bible description that we are but shepherds of God's creations.

It was indeed one of the most anticipated endeavors that NIA region 7 took part of. As for the Bohol province, the tree planting activity was held at the Centennial forest, Pilar, Bohol. Rm Diosdado A. Rosales led the tree planting assistance from the Bohol Environmental Management Office (BEMO) and the Provincial Agriculture Office (PAO) that provided the 1,500 and 1000 seedlings respectively for the activity. Trees planted were fruit bearing trees such as chico, santol, and several indigenous species of trees such as kulatingan, bitaog, langin, lago. These trees would not only provide shade but provide food as well.

We left Malinao office at 6 o'clock in the morning. Led by the spirited RM Diosdado Rosales, We braved the rough roads and the blistering heat of the mid-day sun. As this activity was seen as a joint endeavor, different Irrigators Associations were invited to take part in the activity and were partnered with a NIA employee in planting 15 tree seedlings each. The very experience itself was eye opening and enriching for everyone in attendance.



The planters brought with them organic fertilizers.



The ups and DOWNS on the way to the watershed area



Finally reaching the watershed area after a 1.5 km-walk



NIA Employees in action



The activity was also graced by the Municipal Mayor Hon. Wilson Pajo, and the Chief of Police of Pilar, P/Insp. Antonio F. They showed their support for this worthwhile endeavor by providing security and medical personnel as well. After which everyone went to sagnap spring, San Vicente, Pilar, Bohol for a late lunch and take time to bond with each other. The entire activity ended 3 o'clock in the afternoon tired but with a sense of fulfillment.



# Region 8



Rm Romeo G. Quiza plants his tree



Watershed	No. of Trees Planted	Area covered (Ha.)
Hibulungan Riverbanks	650	0.8 has.
BT RIS, Leyte	1,650	3.7 ha.
MP RIS, Jiara, Leyte	800	1.4 ha.
DGM RIS, Cagani, Leyte	300	0.8 ha.
BITO RIS, Javier Leyte	1000	0.45
Das-ay RIS, Hirunungan Leyte	450	0.6 ha.
Biliran Leyte del norte	730	1.86 ha.
Biliran Leyte del sur	2,964	3.5
Northern/ Wetsem Samar IMO	550	2 has.
<b>TOTAL NO. OF TREES PLANTED</b>	<b>2,163</b>	<b>15.11 has.</b>





# Region 9



The group listening intently as DENR-CENRO team representative illustrated to everyone how to plant a tree.



Walking a Kilometer to get to the planting site



Crossing a river before getting to Ayala Dam Site, the tree planting site



Digging holes for his six mahogany shoots



Heading up to the planting site.....

## The Trees Planted

	No. of Trees Planted	Area covered (Ha.)
Regional Office & Zambo. Sur IMO	600	1.2 has.
ZAMBASULTA IMO	205	.50 ha.
Zambo. Norte	100	.50 ha.
Zambo. Sibugay	450	1.0 ha.
Salug River Irrigation System	300	.25 ha.
Dipolo River Irrigation System	150	.25 ha.
Sibuguey Valley Irrigation System	198	1.2 has.
Labangan River Irrigation System	500	1.5 has.
<b>TOTAL NO. OF TREES PLANTED</b>	<b>2,163</b>	<b>5.9 has.</b>

The NIA Regional Office No. IX committed last April 25, 2012, to plant at least 3,000 trees within the next two years with an estimated area coverage of 3 hectares.



NIA employees from Regional Office and Zambo Sur IMO (above along with below) their IAs gathered together for group picture



Sir Cesar (AFD) Enthusiastically took his share of six mahogany trees



Unloading the different fruit trees and forest trees provided by DENR of Zamboanga City.



Quite a steep mountain slope, Engr. Salvio Refes, LABRIS/SVIS Head, was not deterred from doing the deed-of-the-day, that is, planting trees for the watersheds



# Region 10



Hurray! was the gesture of success with thumbs up during the launch of NIA tree planting activity at UP-RIS. Region 10 Manager, Felix M. Razo together with his staff



The early birds (employees) posing for souvenirs while waiting for the others to arrive.

LAMISCA MO employees started trekking Tingalan hills



Preparing the seedlings and ready to trek and climb the hilltop



Under the scorching heat of the sun, ENgr. Joecarnine L. Gubat raised his arms and instructed his men to scatter.

Engr. Juliet Dampog and the regional office employees, climbing the trail.



The enthusiastic and energetic staff of NIA Region 10 with their seedlings. All geared-up and ready to climb the hill.



Happy and fulfilled! Bukidnon MO employees (Team A) and the IAs of Manupali RIS planted 350 seedlings at Manupali Dam.



The successful Region 10 Tree Planters

They plant trees with a smile on their face.



The Bukidnon MO employees (Team B) and the IAs of Palangal RIS planted 350 seedlings at the North Main Canal Headgate of PRIS. Indeed a worthy endeavour.



The Bukidnon MO employees (Team C) and the IAs of Maleta RIS planted 300 seedlings at the North Main Canal Headgate of PRIS. Indeed a worthy endeavour. The San Miguel Pick-Up Dam, of MURIS





# Region 11



RM Julius S. Maquiling  
plants hi tree



Region 11	
No. of Trees Planted	20,300
Covered Area (ha)	23.9



# Region 12



RM Jan M. Tolentino plants hi tree



The National Irrigation Administration - Cotabato Irrigation Management Office (NIA - CIMO) conducted a simultaneous tree planting activity last June 8, 2012 at Pisan, Kabacan, Cotabato. The activity was participated by different agencies coming from Local Government Unit, Philippine Army, local leaders, IA officers, DENR-PENRO representatives and NIA-CIMO employees.

The planting site, Kulaman Watershed, is about 20 kms. from the office to Kabacan proper, 8 kms. from Kabacan to Barangay Pisan and 3 kms. from Barangay Pisan to the Kulaman Watershed. The Kulaman Watershed has an estimated area of 2 hectares available for planting. The site could be reached of public utility vehicles like single motorcycle and four - wheeled vehicle but is not passable by trucks.

The participants assembled at NIA-CIMO Compound, Amas, Kidapawan City at around 6:00 a.m and departed the office around 6:30 a.m.

The office brought 1,000 of Coffee and Narra seedlings as these were the appropriate plants to be grown in the area. The activity ended at around 10:00 AM.

The IA officers and members of the area committed to preserve the planted seedlings and the watershed.



Location: Libungan River Irrigation Damsite  
Barangis, Libungan, Cotabato

500 meters left side embankment of Libungan River Irrigation facing downstream (two rows)

No. of Seedlings Planted: 275 Luan seedlings  
225 Luan seedlings (planting is going on up to September 2012 during the CSC Month)





# Region 13



NIA Caraga Regional employees during the National Greening Program at Nasipit, Agusan Del Norte



## Region 13

No. of Trees Planted  
Covered Area (ha)

7,100  
14.2



BBMP



The BBMP Project Management Office (PMO) participated in the national event and was joined in by one hundred ninety two (192) NIA employees, Sula Barangay Council members, and Tarlac FIA Federation officers. BBMP Project Manager Dr. Vicente R. Vicmudo, Broyg Chairman Ariel Vigilia of Sula Barangay Council, and Tarlac FIA Federation President Mr. Hipolito Venzon jointly spearheaded the tree planting activity.

Project Manager  
Vicente R. Vicmudo



Prior to the tree planting activity, the participants gathered at the NIA Camp Facilities for a briefing and demonstration given by Resettlement Division Manager on the proper way of handling and planting the seedlings.



Four (4) kinds of seedlings were used as planting stocks. A total of 1,043 seedlings were planted in the watershed area which includes, 368 mahogany seedlings, 100 G-melina seedlings, 100 guyabano seedlings, and 475 guava seedlings.



# Central Office



Administrator  
Antonio S. Nangel



DA Sec. Proceso J. Alcala



Deputy Administrator in Operations  
and Eng. Robert C. Suguitan



USEC. Antonio A. Fleta



PAIS Manager Ms Pilipina P. Bermudez



Division Manager Cesar Talampas

No. of Trees Planted Nation wide  
about 136,000 Trees  
Number of participants in CO 140





**CMIPP**



Project Manager  
Alex G. Coloma



No. of Trees Planted  
Covered Area (ha)

500  
1

**BE A  
LIVIN'  
OUT LOUD**

## Environmental & Watershed Management Programs

Considering the challenge of climate change and vulnerability of our watershed areas, one of the Agency's thrusts is to rehabilitate, protect and manage watersheds of irrigation systems. In consonance with this, the Environmental and Watershed Management Section (EWMS) was created under the NIA Rationalization Plan (NIA RP) supported through Participatory Irrigation Development Project (PIDP). However, prior to NIA RP, NIA Watershed and Environmental Units were organized separately and on Ad-Hoc status.

Its responsibilities are: to conduct initial environmental impact assessment and watershed characterization of proposed irrigation development projects; provide assistance in the conduct of EIA (Preparation of TOR and Contracts); review EIS/IEE and EMPs (including watershed) of irrigation projects; monitor ECC/EMPs/Social Safeguards compliance/implementation.

### 2. Construction and Operation

Project Stage	Description of Activities
Construction	<ul style="list-style-type: none"> <li>Monitoring and Evaluation of the following: <ul style="list-style-type: none"> <li>Conditions from the Environmental Compliance Certificate (ECC)</li> <li>Environmental Management Plan (EMP)</li> <li>Land Acquisition and Resettlement Plan (LARP)</li> <li>Watershed Management Plan (WMP)</li> <li>Indigenous People Development Plan (IPDP)</li> <li>Schistosomiasis Control Program (SCP)</li> <li>Solid Waste Management Program (SWMP)</li> <li>Contractors EMP</li> </ul> </li> </ul>
Operation	<ul style="list-style-type: none"> <li>Monitoring and Evaluation of the following: <ul style="list-style-type: none"> <li>EMP, LARP, WMP, IPDP</li> <li>Integrated Pest Management (IPM)</li> </ul> </li> </ul>

EWMS activities are involved in different project stages, such as:

1. Pre-Construction Activities – this is a joint undertaking by Central Office, Regional Office and the Provincial Irrigation Office.

Project Stage	Description of Activities
Project Investigation	Reconnaissance survey to have first hand ocular inspection of the area for design consideration.
Feasibility Study (FS)	<ul style="list-style-type: none"> <li>Conduct Initial Environmental Impact Assessment (EIA) as part of FS</li> <li>Watershed Characterization</li> </ul>
Detailed Design	<ul style="list-style-type: none"> <li>Acquisition of ECC/CNC through PD, IEE, IEE Checklist, EIS, EPRMP, PERMP, etc.</li> <li>Formulation of Plans (IPDP, LARP, WMP, SCP, RMP, etc.)</li> <li>EGF/EMF Establishment</li> <li>Environmental provisions on Bid Documents for Construction Contract</li> </ul>

### NIA's MANDATE AND INITIATIVES IN WATERSHED MANAGEMENT



Letter of Instruction (LOI) 1002 dated March 20, 1980 authorized NIA to manage, protect, develop and rehabilitate the watershed areas of Pantabangan and Magat Multi-Purpose Dam Projects.

Along with this, NIA's initiatives consist of reforestation/agro-forestation of 24,500 hectares (has) in Pantabangan watershed and 7,500 hectares pilot area in Magat watershed; and, maintenance of established plantations.



## NIA's PROGRAMS IN COLLABORATION WITH OTHER AGENCIES

NIA-NPC Watershed management of Pantabangan and Magat

14,166 has and 4,300 has of Pantabangan and Magat Watersheds were delineated for NPC



10,334 has and 3,200 has of Pantabangan and Magat Watersheds remained to NIA's jurisdiction

Contract Reforestation in watersheds of major dams (funded by ADB)

Established and turned-over to DENR an aggregate area of 6,810 has from 17, 165 has targeted from critical watersheds – Pantabangan, Magat, Lake Buhi and Balog-Balog under the National Forestation Program (NFP)/

Implementation of watershed management component of Foreign-Assisted irrigation projects

Irrigation System Improvement Project (ISIP I & II) – Banga and Marbel in South Cotabato, Saug in Davao del Norte, Pulangui in Bukidnon and other 9 irrigation systems (IS) in the province of Leyte

- o Activities include: Reforestation (by DENR) and Implementation of mechanical and structural control measures and practices (by NIA)

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Water Resource Development Project (WRDP)

- o Activities include: Reforestation (DENR) and Vegetative (vetiver grass hedge-row) erosion control (NIA)

- Southern Philippines Irrigation System Project (SPISP) – cover 11 existing and proposed IS in the Visayas and Mindanao regions.

o Activities include: (NIA, DENR and LGUs)

- High-Value Agroforestry (HVA)
- Natural Vegetative Strip (NVS)
- Stream Bank Stabilization (SBS)
- Livelihood (goat raising)
- Watershed Protection
- Establishment of Watershed Management Councils
- IEC

- DENR and NIA (EO 281 – Nov. 16, 1995) – collaborative management of the Casecnan Multi-Purpose Irrigation and Power Project (CMIPP)

- NIA in coordination with Build-Operate-Transfer (BOT) contractor will manage about 57,900 ha in the Casecnan and Pantabangan watersheds classified as primary project impact zone

- Development of agricultural and commercial crops, livestock and poultry, and fishery

- Established plantation (Pantabangan, Alfonso Castañeda and Dupax del Norte), includes:

- o NIA - 750 ha (reforestation)
- o Cal Energy (BOT) - 416 ha (Reforestation and Agroforestation)

- Tree Planting in 140 critical watersheds supporting irrigation systems for the National Greening Program (NGP)

- o A total of 146,522 seedlings of fruit bearing and forest trees were planted in different watershed areas nationwide covering a total of 222.69 ha + 5km service road established thru effort of 5,565 NIA employees and volunteers.

