



LOCAL GOVERNMENT UNIT
OF CULASI, ANTIQUE

**SPECIAL POINTS
OF INTEREST:**

- **Guest/Visitor Arrivals**

**INSIDE THIS
ISSUE:**

Project Description	2
Implementation Procedures	2-4
Project Result/ Impact	4-7

The Seawall of CULASI:

A PROTECTIVE MEASURE AND A TOURIST ATTRACTION

I. Executive Summary

Culasi, a third class municipality located in the northern part of the sea horse - shape Province of Antique is composed of 44 barangays. It is endowed with a seventeen (17) kilometer uninterrupted long stretch of coastal line covering its 16 coastal barangays.

The urban center is comprised of 3 barangays namely Centro Sur, Centro Poblacion, and Centro Norte. It is where the town hall, the schools, the public market, municipal cemetery, the financial institutions and all major business establishments are located and where major business transactions occur.

Dubbed as the commercial and eco-tourism center in Northern Antique, the area became densely populated. Houses sprout like mushrooms especially along the coastal areas. Illegal dwellers rapidly increased making the town vulnerable to all forms of both man-made and hydro meteorological hazards that may occur unpredictably.

Having experienced devastation brought about by several typhoons, storms surges earthquakes and other forms of disaster plus challenged with the problems of rescue,

evacuation, relocation, and sustenance of the affected constituents which depleted the local funds, former Mayor Joel A. Lomugdang, within his first two years of office thought of finding a way to reduce, if not to end the adverse impact of these calamities - thus the seawall project was conceived.



The shoreline of Culasi after the construction of the Seawall

The construction of seawall along the shoreline of the three urban center barangays became an answer to the long-time problem of the municipality.

The implementation of the said project started in June 20, 2012 using the 2011 20% Development Fund of the municipality in the amount of Four Million Pesos (Php4,000,000.00). The initial length of 100 meters was constructed - a small achievement to reach the goal of protecting the entire shoreline of

the municipality. But the initial construction became a vital protection of Culasiños living along the coastal area of the urban center against storm surge and sea level rise.

The DILG played a big role as funding agency of this project. Through its Performance Challenge Fund (PCF)- Seal of Good House Keeping 2012, PCF DILG 2013, DILG GAA 2015 (SGLG Award), DILG LGSF-BuB 2015 and BuB Others 2015 DILG Seal of Good Local Governance 2016 the LGU was able to extend about 301 meters length of the seawall.

Aside from Mararison, the seawall has become a tourist spot for its novel design and scenery. It has also become a place for relaxation and enjoyment for the townsfolk.



The shoreline of Culasi before the construction of the Seawall

II. Project Description



Photo Credits to : BRADMO

“The construction of seawall will eventually benefit the total of 21, 580 residents of the sixteen coastal barangays.”

The envisioned seventeen kilometre shoreline protection or simply called seawall project is made of reinforced concrete sheet piles constructed along the shores of Culasi buried to a depth of 2.40 meters below sea level during low tide and 0.40 meters thick of reinforced concrete wall to a height of 2 meters from the natural ground with reinforced concrete column spaced at 3.50 meters on center. These features were designed to withstand bad weather conditions and typhoon as strong as Yolanda in 2013.

Phase 1 of this project started in 2012 with a project cost of Four Million (Php4, 000,000.00) from

the 2011 20% Development Fund for an initial length of 100 meters.

DRRM funds of the LGU were used to augment the needed budget. Then additional funding started to pour in from the Department of the Interior and Local Government under the 2012, 2013 and 2015 Performance Challenge Fund, GAA 2015 (SGLG Award) the 2015 BuB-Others, DILG Seal of Good Local Governance 2016 in the amount of more or less 12.2 Million Pesos which have greatly contributed to the present length of the seawall.

This project was intended to protect the life and properties of the residents along the low lying coastal areas of Barangays Centro Sur, Centro Poblacion and Centro Norte including the 13 other coastal

barangays which are prone to flooding, storm surge and sea level rise . The construction of seawall will eventually benefit a total of 21, 580 residents of the sixteen (16) (coastal) barangays.

The areas to be considered in making this project possible were the relocation site of the displaced families brought about by the construction, the negotiation that needs to be done and the agreements which need to be signed

Resistance among affected dwellers was overtaken by the offer of the Local Government Unit with assistance to transfer to a safer area - a 3-hectare relocation site in Barangay Naba, Culasi, Antique where they can build their permanent dwellings for free. Hence, the densely populated area was vacated, thus seawall was constructed and has now become tourist destination.

III. Implementation Procedures

The table below shows the sequence of activities in the implementation of the project, the objectives, strategies, schedule, persons and/or organization involved, budget and respective output.



Meeting/Negotiation with the residents along the coastal areas

Objectives	Strategies	Activities	Schedule	Persons And/or Organizations Involved	Budget	Outputs
To find ways on how to end or, if not, to reduce the adverse impact of calamity.	Hon. Joel A. Lomugdang envisioned constructing a shoreline protection along the coastline of Culasi, Antique	*Prepare Project Plan *Prepare its blue print *Approval of the project Proposal	*2011 *2011 *2012	Engr. Danny Jun D. Pelaez Hon. Joel A. Lomugdang Mrs. Merlyn A. Alojado		Shoreline Protection Project

Continuation...

Objectives	Strategies	Activities	Schedule	Persons And/or Organizations Involved	Budget	Outputs
To establish rapport with affected families and stakeholders regarding the implementation of this project	Consultative meetings with affected families and stakeholders	Conduct series of meetings with affected families and stakeholders	April -June 2012	Hon. Joel A. Lomugdang Engr. Danny Jun D. Pelaez Ms. Sylvia O. Malacad Mrs. Merlyn A. Alojado Mr. John John U. Sumanting Municipal Housing Board PNP Personnel Engineering Office Staff		Rapport with affected families and stakeholders established
To identify relocation site for affected families along the coastline of Brgy. Centro Sur, Centro Poblacion and Centro Norte	The LGU purchases a lot as relocation site of affected families	Tagging of relocation sites	June 2012	Municipal Housing Board Engr. Danny Jun D. Pelaez		Identified lot for beneficiaries
To relocate beneficiaries/ affected families along the coastline of Brgy. Centro Sur, Centro Poblacion and Centro Norte towards the identified relocation site in Brgy. Naba, Culasi, Antique	*The LGU scheduled relocation activity per batch *The LGU gives an assistance of 10 bamboo per affected family *The LGU provides transport assistance for hauling of household items towards the new home of beneficiaries	*The LGU send Notice to Vacate (1 st , 2 nd & Final) to affected families along the coastline of Brgy. Centro Sur, Centro Poblacion and Centro Norte	July 2012	Engr. Danny Jun D. Pelaez Engineering Office Staff PNP Personnel Transport Group		Affected families/ beneficiaries relocated to their new home
To demolish houses along the southern portion of the coastline within Brgy. Centro Sur and Centro Poblacion	The demolition is divided into phases (Phase 1: Southern Portion; Phase 2: Northern Portion)	Demolition of houses Phase 1: Southern portion of the coastline with Brgy. Centro Sur and Centro Poblacion	July 2012	Municipal Housing Board Engr. Danny Jun D. Pelaez Ms. Sylvia O. Malacad Mrs. Merlyn A. Alojado Mr. John John U. Sumanting Engineering Office Staff		Cleared area for construction of shoreline protection (seawall) Phase 1
To start the construction of the seawall with length of 100 meters	The LGU used the 20% IRA of 2011	*Public Bidding *Awarding of Contract *Contract Implementation	*June 4, 2012 *July 19, 2012 *July 20, 2012 to December 17, 2012	Bidders BAC Members Engineering Office Mayor's Office	Php 4,000,000.00	100 meters length seawall
To construct additional span of 24.50 meters for the seawall	The LGU used the Performance Challenge Fund of 1 million and another 1 million reward from Seal of Good House Keeping – DILG	*Public Bidding *Awarding of Contract *Contract Implementation	*December 26, 2012 *January 16, 2013 *January 18, 2013 to April 5, 2013	Bidders BAC Members Engineering Office Mayor's Office	Php 2,000,000.00	24.50 meters length of seawall added
To construct additional span of 160 meters for the seawall	The LGU used the 2012 Calamity Fund thru RA 10155 GA	*Public Bidding *Awarding of Contract *Contract Implementation	*March 20, 2013 *May 15, 2013 *May 17, 2013 to September 6, 2013	Bidders BAC Members Engineering Office Mayor's Office	Php 6,000,000.00	160 meters length of seawall added
To construct additional span of 87.50 meters for the seawall	The LGU used 20% Development Fund of 2013	*Public Bidding *Awarding of Contract *Contract Implementation	*November 18, 2013 *December 4, 2013 *December 10, 2013 to March 14, 2014	Bidders BAC Members Engineering Office Mayor's Office	Php 3,500,000.00	87.50 meters length of seawall added

Continuation...

Objectives	Strategies	Activities	Schedule	Persons And/or Organizations Involved	Budget	Outputs
To demolish houses along the northern portion of the coastline within Brgy. Centro Poblacion and Centro Norte	The demolition is divided into phases (Phase 1: Southern Portion; Phase 2: Northern Portion)	Demolition of houses Phase 2: Northern portion of the coastline with Brgy. Centro Poblacion and Centro Norte	June 2014	Municipal Housing Board Engr. Danny Jun D. Pelaez Ms. Sylvia O. Malacad Mrs. Merlyn A. Alojado Mr. John John U. Sumanting Engineering Office Staff		Cleared area for construction of shoreline protection (seawall) Phase 2
To construct additional span of 24.50 meters for the seawall	The LGU used Performance Challenge Fund DILG 2013	*Public Bidding *Awarding of Contract *Contract Implementation	*May 26, 2014 *June 6, 2014 *July 9, 2014 to August 14, 2014	Bidders BAC Members Engineering Office Mayor's Office	Php 1,000,000.00	24.50 meters length of seawall added
To construct additional span of 59.50 meters for the seawall	The LGU used 20% Development Fund of 2015	*Public Bidding *Awarding of Contract *Contract Implementation	*March 18, 2015 *April 6, 2015 *April 8, 2015 To July 3, 2015	Bidders BAC Members Engineering Office Mayor's Office	Php 2,500,000.00	59.50 meters length of seawall added
To construct additional span of 35 meters for the seawall	The LGU used MDRRM Fund 2015	*Public Bidding *Awarding of Contract *Contract Implementation	*June 17, 2015 *July 6, 2015 *July 9, 2015 to September 22, 2015	Bidders BAC Members Engineering Office Mayor's Office	Php 1,520,000.00	35 meters length of seawall added
To construct additional span of 73.50 meters for the seawall	The LGU used fund from DILG GAA 2015 (SGLG Award)	*Public Bidding *Awarding of Contract *Contract Implementation	*December 9, 2015 *January 14, 2016 *January 19, 2016 to March 10, 2016	Bidders BAC Members Engineering Office Mayor's Office	Php 3,000,000.00	73.50 meters length of seawall added
To construct additional span of 14 meters for the seawall	The LGU used fund from DILG LGSF – BuB 2015	*Public Bidding *Awarding of Contract *Contract Implementation	*June 21, 2016 *July 12, 2016 *July 15, 2016 To August 31, 2016	Bidders BAC Members Engineering Office Mayor's Office	Php 675,000.00	14 meters length of seawall added
To construct additional span of 63 meters for the seawall	The LGU used fund from DILG BuB - Others 2015	*Public Bidding *Awarding of Contract *Contract Implementation	*August 2, 2016 *August 17, 2016 *July 23, 2016 to December 14, 2016	Bidders BAC Members Engineering Office Mayor's Office	Php 2,598,800.00	63 meters length of seawall added
To construct 158.60 meters shoreline protection (seawall) at Brgy. Bitadton Sur, Culasi, Antique	The LGU used fund from DSWD BuB 2016 and LGU counterpart	*Public Bidding *Awarding of Contract *Contract Implementation	*October 4, 2016 *November 10, 2016 *November 21, 2016 to January 19, 2017	Bidders BAC Members Engineering Office Mayor's Office	Php 3,150,000.00	158.60 meters seawall at Brgy. Bitadton Sur added
To construct 101.50 meters shoreline protection (seawall) at Brgy. San Antonio, Culasi, Antique	The LGU used fund from DILG PCF Seal of Good Local Governance 2016	*Public Bidding *Awarding of Contract *Contract Implementation	*May 16, 2017 *May 31, 2017 *June 8, 2017 To July 31, 2017	Bidders BAC Members Engineering Office Mayor's Office	Php 3,000,000.00	101.50 meters seawall at Brgy. San Antonio (On Going)
To extend the length of this seawall until the seventeen (17) kilometer coastline of Culasi be fully protected with this barrier	*Yearly budget allocation of 1 million from DRRM Fund for the extension of the seawall *Find additional budget	*The LGU cull-out 1 million From DRRM Fund every year for the extension of the seawall *Submit Project Proposals	*Yearly	Hon. Jose Jeffrey Y. Lomugdang Engr. Danny Jun D. Pelaez Ms. Sylvia O. Malacad Mr. John John U. Sumanting Mr. Norman I. Alabado	Php 1,000,000.00	Seventeen kilometer shoreline protection (seawall)



The promotion of people's participation in the planning, implementation and monitoring of the project has developed the community's sense of ownership.

The local legislators have started to develop measures, like Coastal Resource Management, to protect the environment and sustain cleanliness. The Local Government Unit conducts clean-up drive every Saturday and/or during Arbor and Independence Day or as needed. Youth sectors and fraternity alliance voluntarily carry-out activities like coastal clean-up to help maintain the cleanliness along the seawall.

A CCTV has been installed at the area to monitor the in and out of visitors, to ensure peace and order in the area.

IV. Project Result/Impact

The Municipality of Culasi just like the other towns is also susceptible to different hazards brought about by global warming such as flooding and sea level rise. Just like in 2012 during typhoon Gener, the coastal barangays in the municipality of Culasi most especially Barangay Centro Sur, Centro Poblacion and Centro Norte were greatly affected. Most of the houses along the shoreline were severely damaged. Almost 107 families were evacuated to evacuation centers in safer . Thus, big amount of money was allotted for their relief goods, other assistance needed and rehabilitation

The LGU came up with the project - the shoreline protection, simply referred to as seawall. This serves as protective measure against storm surge and sea level rise, making the

people living along the shoreline feel safer as well as protection to different establishments within the town proper from destruction. It also serves as protection from the increasing coastal erosion.

With the seawall project, allotted budget for evacuation and relief goods were utilized for other disaster preparedness activities of the municipality.

With the seawall, Culasi Boulevard was developed and has turned into a tourist attraction flocked by both foreign and local visitors. It also serves as a jump off point from the mainland Culasi to the world renowned Malalison Island, a premiere nature tourist destination, barely fifteen minutes away by motorized banca , and the two other island

barangays namely, Batbatan and Maniguin.

It is also an avenue for physical fitness e.g. jogging, zumba, tai-chi and the like among health-lifestyle enthusiasts.

Both young and old Culasiños and tourists alike enjoy the ambience and the landscape of the place.

“With the seawall , Culasi boulevard was developed and has turned into a tourist attraction flocked by both foreign and local visitors.”



Tai-chi activity conducted by the students of NAVS

Continuation...

A 10 - meter wide tiled walkway attached to the seawall structure serves as tourist amenity for sunset viewing, jogging, biking, walking, relaxation and other like activities. During night time, the locals and visitors converge in the area to dine out, unwind, feel the sea breeze and enjoy the scenery.

With this development, the Seawall of Culasi turned into a bustling and progressive area where economy thrives and tourist arrivals increase thus, bringing income to the boat owners, market vendors, and homestay operators.

The tourism arrivals and statistics shown below could attest as to how the seawall has increased the influx of tourists in the municipality which generated income and employment of the stakeholders and community.

GUEST/VISITOR ARRIVALS IN CULASI PER MONTH

For C.Y. 2013

GUEST/VISITOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	GRAND TOTAL
Local	643	518	599	613	668	702	758	790	795	962	430	816	8,294
Foreign	84	121	356	481	585	256	141	172	161	179	138	352	3,026
Total Monthly Arrivals	727	639	955	1,094	1,253	958	899	962	956	1,141	568	1,168	11,320

GUEST/VISITOR ARRIVALS IN CULASI PER MONTH

For C.Y. 2014

GUEST/VISITOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	GRAND TOTAL
Local	1070	1373	1489	1511	1478	1447	1365	1369	640	757	664	723	13,886
Foreign	92	205	151	639	758	281	194	214	126	315	199	220	3,394
Total Monthly Arrivals	1162	1578	1640	2150	2236	1728	1559	1583	766	1072	863	943	17,280

GUEST/VISITOR ARRIVALS IN CULASI PER MONTH

For C.Y. 2015

GUEST/VISITOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	GRAND TOTAL
Overnight Visitor	1012	1105	2053	1641	2639	889	905	1061	1190	1560	1510	1834	17,399
Day Visitor	329	422	972	3060	6017	2353	808	964	709	1249	1601	2302	20,786
Total Monthly Arrivals	1,341	1,527	3,025	4,701	8,656	3,242	1,713	2,025	1,899	2,809	3111	4,136	38,185

GUEST/VISITOR ARRIVALS IN CULASI PER MONTH

For C.Y. 2016

GUEST/VISITOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	GRAND TOTAL
Guest Night	2004	1668	4780	5959	4864	3175	1789	1267	1567	2303	1939	2732	34,047
Same-Day Visitor	2634	2265	6374	7359	10046	3150	1614	856	1001	1431	1568	2622	40,920
CUS	0	0	0	0	0	0	26	0	0	56	0	0	82
Total Monthly Arrivals	4,638	3,933	11,154	13,318	14,910	6,325	3,429	2,123	2,568	3,790	3,507	5,354	75,049

Continuation...

GUEST/VISITOR ARRIVALS IN CULASI PER MONTH
For C.Y. 2017

GUEST/VISITOR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	GRAND TOTAL
Guest Night	2067	1841	2370	5649	5132	2679							19,738
Same-Day Visitor	2060	1725	2404	9555	8923	2991							27,658
CUS	206	321	918	198	142	257							2042
Total Monthly Arrivals	4,333	3,887	5,692	15,402	14,197	5,927							49,438

“The project was made possible through the combined efforts of the past and present administration”

This project was made possible through the combined efforts of the past and present administration under the leadership of former Mayor Joel A. Lomugdang and the present Mayor Jose Jeffrey Y. Lomugdang, the Sangguniang Bayan Members and all functionaries of the Municipality of Culasi, Antique.

For further information, you may contact Engr. Danny Jun D. Pelaez (Contact No.: 09255455481), Municipal Engineer and

Mr. John John U. Sumanting (Contact No.: 09163245068), Municipal Information Officer/ Municipal Tourism Officer



The Local Chief Executive, Hon. Jose Jeffrey Y. Lomugdang with LGU Department Heads