Speaker's Office <speaker@guamlegislature.org>

M&C Fwd: SGSWCD 2017 and 2018 Annual Report

1 message

Speaker's Office <speaker@guamlegislature.org> Wed, Aug 28, 2019 at 12:12 PM
To: Clerks Office <clerks@guamlegislature.org>
Cc: Rennae Meno <rennae@guamlegislature.org>
Bcc: Tina Muna Barnes <tinamunabarnes@gmail.com>

08-28-19	11:01 AM	08-28-19	2017 and 2018 Annual Report.*	Southern Guam Soil and Water Conservation District	35GL-19-0956

Sinseru yan Minagåhet,

Office of the Speaker • Tina Rose Muña Barnes
Committee on Public Accountability, Human Resources & the Guam Buildup

35th Guam Legislature
I Mina'trentai Singko na Liheslaturan Guåhan

Guam Congress Building | 163 Chalan Santo Papa | Hagatna, GU 96910
T: (671) 477-2520/1
speaker@guamlegislature.org

35GL-19-0956
Speaker Tina Rose Muña Barnes

AUG 2 8 2019
Time 11:01 (X)AM, ( )PM
Received By: Matt

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Gumai pribilehu yan konfedensia este siha na mensåhi. Solo espesiåtmente para hågu ma entensiona pat ma aturisa para umrisibi. Sen prubidu kumu ti un ma aturisa para manribisa, na'setbe, pat mandespåtcha. Yanggen lachi rinisibu-mu na este na mensåhi , pur fabot ågo' guatu gi I numa'huyong gi as speaker@guamlegislature.org yan despues destrosa todu siha I kopian mensåhi. Si Yu'os ma'åse'.

2019 AUG 28 PM 12:17

---------- Forwarded message ----------
From: **Southern Guam SWCD** <southernguamswcd@gmail.com>
Date: Wed, Aug 28, 2019 at 11:01 AM
Subject: SGSWCD 2017 and 2018 Annual Report
To: <sen.cridgell@teleguam.net>, Speaker's Office <speaker@guamlegislature.org>, <office@senatorperez.org>, Senator Therese Terlaje <senatorterlajeguam@gmail.com>
Cc: Michael Aguon <medafarms@yahoo.com>, Angelita Mendiola <a8783@hotmail.com>

2017AnnualReportSGSWCD.pdf

2018 SGSWCD Annual Report.pdf

Håfa Adai Senators:

Kindly see the Southern Guam Soil and Water Conservation District's 2017 and 2018 annual reports for budget justification. Please feel free to share with fellow Senators as needed. We thank you for your support and leadership!

Very Respectfully,
Erica Pangelinan

Erica Alvarez Pangelinan
SGSWCD Conservation District Manager
Office: 671-735-2014/671-300-8574
Cell: 671-487-3372

SOUTHERN GUAM
SOIL & WATER
CONSERVATION DISTRICT
"Conservation Matters 24/7"

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0956



2017 ANNUAL REPORT

SOUTHERN GUAM SOIL AND WATER CONSERVATION DISTRICT

303 UOG CNAS MANGILAO GUAM 96923

southerngaumswcd@gmail.com

671-735-2014

Doc. No. 35GL-19-0956.*



TABLE OF CONTENTS



WHO WE ARE & WHAT WE DO
Get to know the Southern Guam Soil and Water Conservation District and its Board of Directors
PAGE 3



FINANCIAL REPORT
Take a look at SGSWCD's budget to support to their mandates
PAGE 5



GOALS AND OBJECTIVES
Learn about SGSWCD's current conservation projects and support programs
PAGE 6



WHO WE ARE & WHAT WE DO

The Southern Guam Soil and Water Conservation District (SGSWCD) along with the Northern Guam Soil and Water Conservation District (NGSWCD) are Government of Guam bodies established to work in partnership with the University of Guam, and in cooperation with all government of Guam entities overseeing local and federal programs established to promote conservation, development and the use of soil and water resources on Guam in order to control and prevent soil erosion and flooding, and to improve agriculture water management. SGSWCD is operated by a District Board, comprised of individuals elected by local farmers, farmland owners, or land occupiers to fulfill duties set forth by Title 5 of the Guam Code Annotated Chapter 71.

Together The Guam Soil and Water Conservation Districts strive to be Guam's leading conservation organization for the protection of Guam's natural resources through locally led stewardship and best management practices. The Board further creates and advises on policies for the protection of the island's natural resources. SGSWCD educates the community and policy makers on the value of natural resources and the impact of human made activity has on our island's environment and ecosystem.

MISSION STATEMENT

"To promote, sustain and support the conservation of Guam's soil and water resources; be good stewards of our environment; build community, and instill sustainability. "



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GOALS 2016–2019

1. Steward & Develop Guam's Agricultural Industry and Conservation Reserves
2. Actively Engage & Build Relationships with the various Island Communities
3. Develop Team Capacity and Organizational Culture
4. Strengthen Organizational Systems and Structures

OBJECTIVES 2017

- Assist to Restore the UGUM Watershed
- Promotion of USDA NRCS Conservation Programs
- Conservation Education and District Outreach
- Expand assistance to Southern Guam farmers/landowners/leaseholders regarding soil and water conservation concerns.
- Collaborate with conservation partners to help remedy erosion of soil and water contamination caused by feral pigs.

OUR PARTNERS

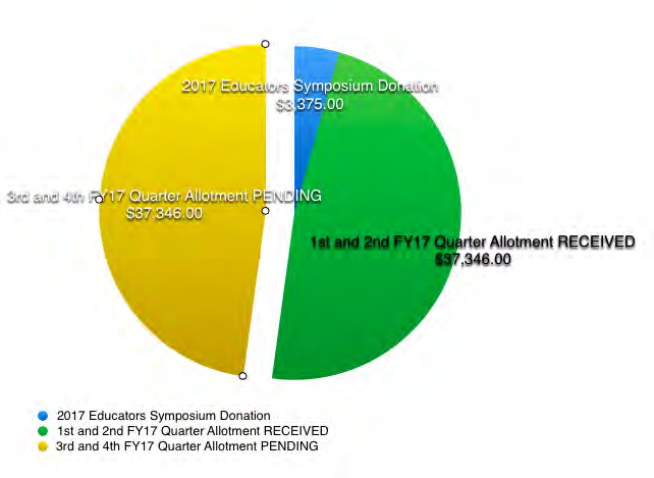
University of Guam (UOG); Northern Guam Soil & Water Conservation District (NGSWCD); UOG Cooperative Extension & Outreach (CE&O); UOG Sea Grant; UOG Center for Island Sustainability (CIS); Marianas Resource Conservation and Development (Marianas RC & D); Guam Bureau of Statistics and Plans (BSP); Chamoru Land Trust Commission (CLTC); Guam Department of Agriculture (DoAg); USDA Farm Service Agency, (FSA); Guam Environmental Protection Agency (GEPA); Natural Resources Conservation Service (NRCS); USDA APHIS Wild Life Services (APHIS WS); National Oceanic Atmospheric Agency (NOAA)

Doc. No. 35GL-19-0956.*

SGSWCD FINANCIAL REPORT

PL33-185 Section 7 "Appropriation to the University of Guam for the Northern and Southern Guam Soil and Water Conservation District" states, "The sum of $149,384 is appropriated from the General Fund to the UOG for the operations and activities of the Northern and Southern Soil and Water Conservation Districts Program for Fiscal Year 2017 and shall be equally divided between the SWCDs. Expenditures from this appropriation shall be equally made upon the approval of the District Directors with the consent of the SWCD Board and shall not require further approval by the UOG or any other government entity. Such fund Shall not be transferred or used for any other purpose. The sum on 149,384 appropriated in this Section is authorized for use as the local matching requirement for federal Grants-in-aid" (PL33-185, Page 21). SGSWCD expended at total amount of **$89,883.81** for Fiscal Year 2017 and received only **$37,346.00.** SGSWCD is still pending a total amount of $37,346.00 for the remaining FY2017. The untimely release of funds creates an uncertainty when moving forward with proposed District projects and employee longevity.

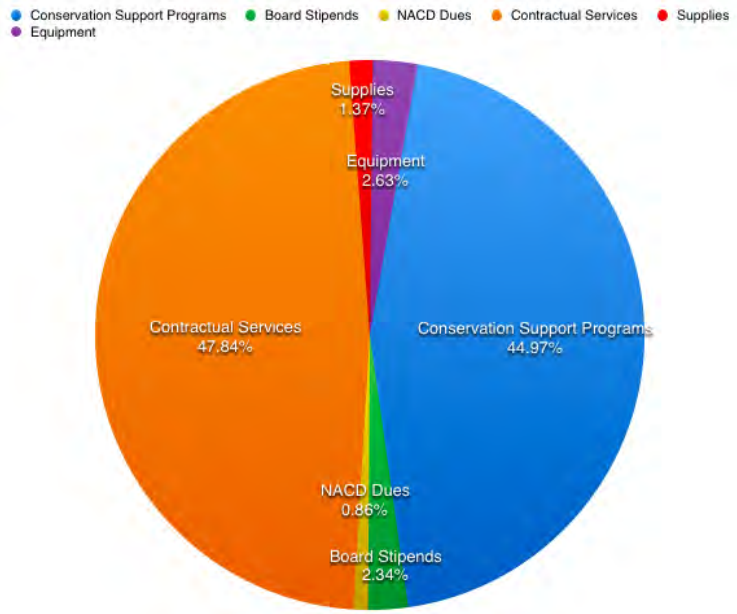
DISTRICT REVENUE



In FY2017 SGSWCD received a total revenue of **$40,721.00**. SGSWCD has not received remaining Fiscal year 3rd and 4th quarter expenditures. Throughout the years, the SGSWCD has been cognizant of District expenditures because of the limited budget and fear of government budget cuts. SGSWCD plans to locate additional funding sources to continue implementing projects that would best effectuate conservation. a

For the past 5 years Vice Chairwoman Angelita Mendiola has been able to bring in sponsors for the annual educators symposium.

DISTRICT EXPENDITURES



SGSWCD Expended a total amount of **$89,883.81**.Majority of funds were expended on Conservation Support Programs and Employees. SGSWCD has prioritized funding projects that would benefit conserving the island's natural resources.

Doc. No. 35GL-19-0956.*



COMMUNITY OUTREACH

CONSERVATION MATTERS 24/7

2016 ARBOR DAY

October 10, 2016

The Department of Agriculture's Forestry and Soil Resources Division held a tree-planting event at the Statue of Liberty Park at the Paseo de Susana in celebration of Arbor Day on October 10, 2016.

The agriculture department partnered with the Department of Parks and Recreation, Northern and Southern Guam Soil and Water Conservation District, Guam Nature Alliance, Guam Environmental Protection Agency,Center for Island Sustainability,Guam Plant Extinction Prevention Program, No Rhino and Ecowarriors to host tree planting event. SGSWCD rented two buses to shuttle students from Southern High School to the planting site. Over 40 students were able to plant trees around the Padeo De Susana park. In addition, Conservation Associates Ursula Herrera and Erica Pangelinan hosted an outreach booth to teach students ways in which they can be better stewards of the land.

Funding for Bussing continues to be an issue for public schools to participate in outdoor activies such as Arbor Day. SGSWCD is proud to contribute in ways that would help students outside of the classrooms and into the environment to learn about soil and water conservation.



PIG HUNTING DERBY

December 10–11, 2017 Hunting Derby

December 17, 2017, Pork in the Park Cook – Off

SGSWCD sponsored the Guam Department of Agriculture's 2016 Annual Pig Hunting derby. The District donated $500.00 to the event in an effort to help mitigate the feral swine population on Guam and the impacts feral swine is having on the island.

FARMERS APPRECIATION

FEBRUARY 28, 2017

The Pacific Farmers' Together Cooperative (PFTC) hosted a Farmer's Appreciation event on February 28, 2017 at the Chamorro Village in Hagatna. The PFTC invited the District to attend their annual event dedicated to Guam's farmers. Conservation Associate Ursula Hererra attended on behalf of the District. The event allowed Farmers to sell their fresh produce and a fiesta table of traditional Chamoru dishes.

Doc. No. 35GL-19-0956.*



AND EVENTS

UOG Charter Day

MARCH 13, 2017

The UOG CNAS Charter day Committee invited the Guam SWCD's to host another outreach booth during the UOG Charter Day held on February 28. 2017.

SGSWCD Conservation Associate Ursula Hererra and Outreach Agent Linda Reyes led the effort to organize the booth and its activities. Herrera and Reyes taught students about the importance of planting trees around the island and how trees act like "glue" to hold the island's soil together preventing soil erosion.

The outreach booth also provided the perfect opportunity to recruit teachers to participate in the upcoming symposium.





May Harvest Fair

MAY 05, 2017

The Department of Agriculture held their 13th annual May Harvest Festival on Wednesday, May 05, 2017 highlighting sustainable and environmentally conscious farming practices.

District staff hosted an outreach booth to highlight conservation education by promoting the District's first-ever children's book on conservation"Apu and Isa Learn to Conserve".

2017 Guam Stewardship Week





The Guam SWCDs hosted the 2017 Soil and Water Stewardship Week from April 30- May 2017. Stewardship Week is one of the largest national annual programs to promote conservation. The National Association of Conservation Districts (NACD) represents the nation's 3,000 conservation districts, which oversees the Stewardship Week Program. The 2017 Stewardship theme was "Healthy Soils Are Full of Life". A proclamation signing was held on April 28, 2017 recognizing April 30 -May 06, 2017 as Guam Soil and Water Stewardship Week. On May 06, 2017 a special reading of Apu and Isa Learn to Conserve and guasale planting activity was held at the Hagatna Library.





2017 NACD ANNUAL CONSERVATION CONFERENCE

January 28,–February 01, 2017

Denver, Colorado

The National Association of Conservation Districts (NACD) is the nonprofit organization that represents America's 3,000 conservation districts, in which Guam is a member represented by an appointed Director from the Guam SWCD. Guam SWCD representatives partake in the National Conference every year to vote on policy that would better fit the needs of Guam's natural resources concerns. The NACD also provides informative Breakout session and workshop trainings to help officials learn more about the different programs and materials available to promote best management practices and stewardship. The 2017 NACD Conference was held in Denver Colorado. Roland Quitugua, current President of the Guam Association of Conservation Districts, was awarded the President's Award at the NACD Annual Meeting. NACD President Lee McDaniel recognized Quitugua's stewardship and distinguished service in soil and water conservation both on Guam and at the national level. Quitugua's consistent participation at annual, summer and regional meetings of the National Association of Conservation Districts meetings brings a unique perspective to conservation and invasive species policy most especially the issue of feral swine. Quitugua is currently leading the NACD resource policy group on Feral Swine under at the Natural Resources Policy Committee of the NACD. Locally, Quitugua has been working closely with the Guam Soil and Water Conservation Districts and their partners to protect Guam's flora from the threat of invasive species, reduce erosion and safeguard Guam's water resources. Upon receiving this highly coveted award, Roland Quitugua stated, "This is truly unexpected; it is very humbling but at the same time, if I can do it, so can you!"







& CONFERENCES

PACIFIC ISLAND FORESTRY CONFERENCE (PIFC)

APRIL 03–07,2017 WESTIN HOTEL

The Western Forestry Leadership Coalition (WLFC) and WFLC's Forestry Committee hosted the Pacific Islands Forestry Professionals Workshop from April 3-7, 2017 at the Westin Hotel in Tumon. Department of Agriculture's Chief Forester Joseph Mafnas extended an invitation to the SWCDs to attend the event. The workshop focused on topics to include:invasive species, Forest Health, Forest Stewardship, wildland fires, forest inventory and Urban and Community forestry issues. SGSWCD contributed to the event by puchasing registration for all directors and staff to attend. Attendees include: Vice Chairwoman Angelita Mendiola and Conservation Associate Ursula Herrera.

Conference Highlights: UOG/CNAS Dr. Aubrey Moore and Roland Quitugua presented on the impacts of invasive species on Guam. KUPU , a Hawaii based conservation group, presented on successes of locally led stewardship. KUPU offers partnership to SGSWCD for future collaboration of projects. SGSWCD and KUPU plans on upcoming Hydroponic Project with Department of Youth Affairs.

The 2017 conference theme was dubbed "Cultivating

8TH ANNUAL CIS CONFERENCE

APRIL 19–20, 2017

Communities for Sustainable Action". The conference took place from April 17-21, 2017 at the Hyatt Regency Guam. UOG's Center for Island Sustainability Director Dr. Austin P. Shelton III and CIS Coordinator Elvie Tyler solicited both Districts for sponsorship to help support the annual event. Together The Southern Guam Soil and Water Conservation District and the Northern Guam Soil and Water Conservation District co-sponsored the 8th annual regional island sustainability conference.

As new partners, the districts believed the CIS Conference was the perfect opportunity to raise awareness of the importance of conserving Guam's natural resources through sustainable action not only as individuals, but as a community.

The District also hosted an outreach booth where the "Apu and Isa Learn to Conserve Books" were sold to conference attendees. A total of thirty (30) books were sold. All proceeds were donated to the Guam Association of Conservation Districts (GACD). Other highlights include: Social media is a great platform to promote conservation methods. Youth involvement provide community participation and exposure. Attendees include: Vice Chairwoman Angelita Mendiola; Conservation Associate Ursula Herrera, and Outreach Agent Linda Reyes. SGSWCD also sponsored the attendance of the Department of Agricultures Agriculture Development Services Coordinator Gera Datuin and other Educators from Southern High School and Southern middle schools to attend event.





2016 ACRES USA CONFERENCE



The annual Acres U.S.A. conference sets the standards for innovation and learning. It is where you find farmers and consultants from every side of eco-farming who come together to share their experience and expertise.
Tuesday, November 29 - Friday, December 2, 2016

Omaha, Nebraska. Director Carol Tayama attended the USA ACRES Conference.

29TH PACIFIC ISLANDS ENVIRONMENT CONFERENCE



The 29th PACIFIC ISLAND ENVIRONMENT CONFERENCE (PIEC) was held on Saipan on June 13, 14 and 15, 2017 at the Saipan World Resort. With the theme, A Sustainable Pacific: Preparing for Change, Voyaging with Knowledge conference to engage over 300 attendees with topics related to Climate Change & Island Resiliency, Sustainable Development and Public Health and the Environment. As island of the pacific the SGSWCD felt the need to participate in the conference to

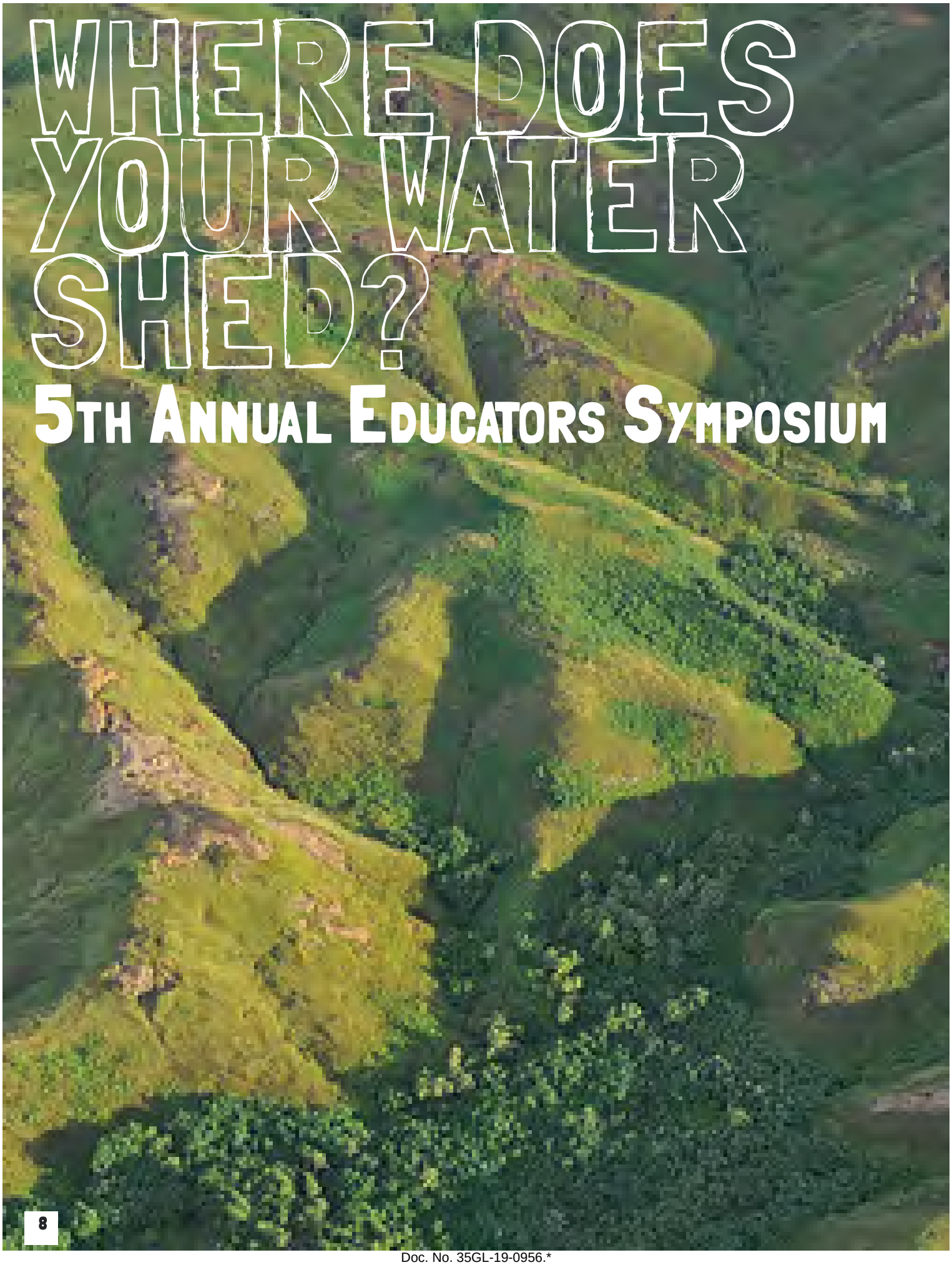
Attendees Include: Vice Chairwoman Angelita Mendiola; Conservation Associate Ursula Herrera ; Outreach Agent Linda Reyes

LOCAL WORK GROUP MEETING



USDA NRCS in collaboration with the Northern and Southern Soil & Water Conservation Districts hosted the annual Local Work Group (LWG) as required by 7 CFR Part 610, Subpart C (LWG). The Local Working Group provides recommendations to USDA on local and state natural resource priority concerns and criteria for conservation activities and programs. A Guam NRCS meeting held on August 9, 2017 addressed the FY 2019 Local Resource Concerns for Guam. Major priority within the resource concerns are Degraded plant condition due to invasive species, and lack of education on soil maintenance.

Doc. No. 35GL-19-0956.*



WHERE DOES YOUR WATER SHED?

5TH ANNUAL EDUCATORS SYMPOSIUM

Doc. No. 35GL-19-0956.*



2017 Educators Symposium

The annual Educators Symposium is an important element of the conservation efforts by both the Southern Guam Soil and Water Conservation District and the Northern Guam Soil and Water Conservation District.It is the aim by both districts to educate Guam's teachers about the benefits of soil and water conservation as a way to ensure the next generation of Guam residents will become wise and responsible stewards of our island's natural resources.

Each year, the Educators Symposium Committee comprised of board members and staff from both Districts selects a symposium theme that best addresses current local conservation concerns.The Committee then utilizes educational resources generated by the local districts, the National Association of Conservation District's Education and Stewardship Committee as well as the USDA's Natural Resources Conservation Service, the University of Guam, the Government of Guam Department of Agriculture and other community organizations.For 2017, the Symposium theme selected was*"Where Does Your Water Shed?"*

The partnership with NACD helped to launch the annual Symposium project in the following ways: 1) Utilization of NACD developed stewardship and educational materials augmented by our own localized educational materials. 2) Application of NACD training of District directors Angelita P. Mendiola of SGSWCD and Hope A. Cristobal of NGSWCD on the use of NACD curriculum materials.3) Alignment of an integrated symposium curriculum with the Department of Education's STEM criteria; and the 4) Offering of 2-graduate credits or 1-CEU for those participants wishing to apply.(This is an incentive for job promotion that is provided for a small fee required by PIP.)

This year, we registered 66 participants for the Symposium. Our curricular package consisted of: 1 Binder of Educators Guides, lesson plans and Resource booklets; Placemat Activities and Bookmarks; a classroom poster of "Where Does Your Water Shed" plus various other posters as well as our respective District pamphlets and logo stickers; and a map of Guam's watersheds was provided to each participant! All participants who successfully completed the three-day symposium received a Certificate of Completion on July 31st, 2017.Those who applied for the PIP 2-graduate credits were awarded their credits, posted to their respective UOG transcript.

Ms. Sabina Flores Perez was the lead instructor.She prepared and directed the curriculum for the entire symposium as she

has done in five years. She arranged for the presenters and provided needed props and materials for the hands-on activities. Ms. Perez assured that our symposium curriculum is carefully aligned with the DOE STEM and other requirements; she worked with Ms. Eloise Sanchez of DOE on the curriculum alignment.This year, we encouraged school teams to include service-learning projects implementable with their students.Ms. Perez was the evaluator of all deliverables required of the participants including the service learning projects.





EVALUATION BY PARTICIPANTS

Year 2017 proved the highest marks in Symposium history from the conferees themselves in terms of the quality and relevance of our curricular program to what is being taught in the classroom. Dr. Carla Aguon compiled the survey results of the 51 participants who elected to participate in the survey. A total of 86.3% indicated that presentations strengthened their curricular need as an educator. And, 90.2% concurred that the topics presented were relevant to their classroom subject matter. 94.1% thought the materials utilized seemed appropriate. The survey disclosed 94.1% felt the presentations increased their knowledge our Water resources and watersheds, and coral reefs in relation to soil and water conservation; and 82.4% deem themselves capable of using the knowledge to improve their understanding of water resources, watersheds, and coral reefs.

The field trip to the Umatac Watershed hosted by UOG Sea Grant's Dr. Austin P. Shelton III and his staff of two employees was a big hit with the attendees. 88% believed this aspect was of exceptional quality. 94% were open to accessing our presentation materials through use of technology such as Google Drive, flash drives, etc.

Overall, 96% rated the Symposium experience as excellent a excitement to return to the symposium . All surveyed participants indicated they would consider attending future symposium on Soil and Water. Additionally, the staff and presenters received countless accolades for their exceptional planning and performance with this symposium. The symposium kept all attendees engaged at all times, allowing for a memorable and meaningful experience.

SPONSORS AND PARTNERS

We extend our *dångkulo na si Yu'os ma'ase'*to our sponsors, the Bank of Guam, Coast 360 Federal Credit Union, the Guam Visitors Bureau; UOG Sea Grant; and UOG EPSCOR. Their generous support made the 2017 symposium quite a success. Their support and community service are invaluable in promoting and advocating for the conservation of Guam's natural resources.

Last, as former school administrators ourselves and as the overall planners of the past five symposiums, we have come to appreciate and honor the work of our fellow educators and we are very grateful for the opportunity to serve our respective soil and water conservation districts.



2017 FERAL SWINE PILOT PROGRAM

The Districts entered into a Cooperative Service Agreement (CSA) to help control and manage feral swine impacts on Guam. SGSWCD provided the local matching fund for the Feral Swine Pilot Program in total amount of $10,000. Feral swine, also known as wild hogs, has become a problem to the island causing erosion, damaging crops and native flora, and threatening human health and safety. The cooperative goal of this agreement is to reduce the amount of damage caused by feral swine on landowners requesting assistance. In conjunction, Southern Guam SWCDs have provided assistance to USDA APHIS by identifying agricultural producers who are experiencing high volumes of Feral Swine Population on their agricultural/farm lands. Outreach Agent Linda Reyes was the lead in this effort. The Districts presented a check to the United States Department of Agriculture Animal and Plant Health Inspection Service (USDA APHIS) Wildlife Services on Friday, January 20, 2017 at 2 p.m. at the USDA APHIS Wildlife Services office in Barrigada.





UOG GREEN COMMUNITY GARDEN

The Southern District is a current sponsor of the UOG Community Green Garden, which is a project initiated by the Center For Island Sustainability. The Garden would serve as an educational area for UOG Students to learn how to start and contribute to a community garden. The District has sponsored the garden at $1,000. Sponsorship was used to purchase equipment and provide incentives for volunteers who partake in maintaining the garden.

This community garden would also serve as a hand-on learning area for future SGSWCD symposiums or workshops that promote conservation best management practices and food security and sustainability.

LOOKING AHEAD

The Southern District plans to continue working together to accomplish its set goals and objectives in 2018. Priority projects include: Restoration of the UGUM Watershed with the partnership of UOG Sea Grant; The Feral Swine Pilot Program; and Partnership with USDA NRCS Guam Service Center. Although there is still much work to do and given such a little budget, the SGSWCD Board of Directors continue to work in harmony and as team to promote the importance of Conservation for the farmers and people of the Southern District and throughout the island of Guam.

Doc. No. 35GL-19-0956.*

SOUTHERN GUAM
SOIL AND WATER
CONSERVATION DISTRICT



2018 ANNUAL REPORT

Inside This Issue

Who We Are & What We Do

Fiscal & Program Performance

Looking Ahead

SOUTHERN GUAM
SOIL & WATER
CONSERVATION DISTRICT

GREAT SEAL OF GUAM
GUAM
TANO I MAN CHAMORRO

Doc. No. 35GL-19-0956.*

WHO WE ARE & WHAT WE DO



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The Guam SWCDs are operated by a Board of Director who serves as elected officials by local farmers, farmland owners, or land occupiers to fulfill duties set forth by Title 5 of the Guam Code Annotated Chapter 71.

Together the Guam Soil and Water Conservation Districts strive to be Guam's leading conservation organization for the protection of Guam's natural resources through locally led stewardship and best management practices. The Boards further create and advise on policies for the protection of the island's natural resources; educates the community and policy makers on the value of natural resources and the impact of human made activity has on our island's environment and ecosystem; and promotes good stewardship through community outreach and education.

GUAM SOIL WATER CONSERVATION DISTRICTS

2016-2019

GOALS & OBJECTIVES

Mission: "To promote, sustain and support the conservation of Guam's soil and water resources; be good stewards of our environment; build community, and instill sustainability."

Vision: Promoting stewardship through the conservation of our soil, water, and natural resources for our island.

GOALS

- Steward & Develop Guam's Agricultural Industry and Conservation Reserves
- Actively Engage & Build Relationships with the various Island Communities
- Develop Team Capacity and Organizational Culture
- Strengthen Organizational Systems and Structures

OBJECTIVES

OBJECTIVE 1: Identify, Inventory, & Facilitate Management of Conservation Areas & Agricultural Zones.

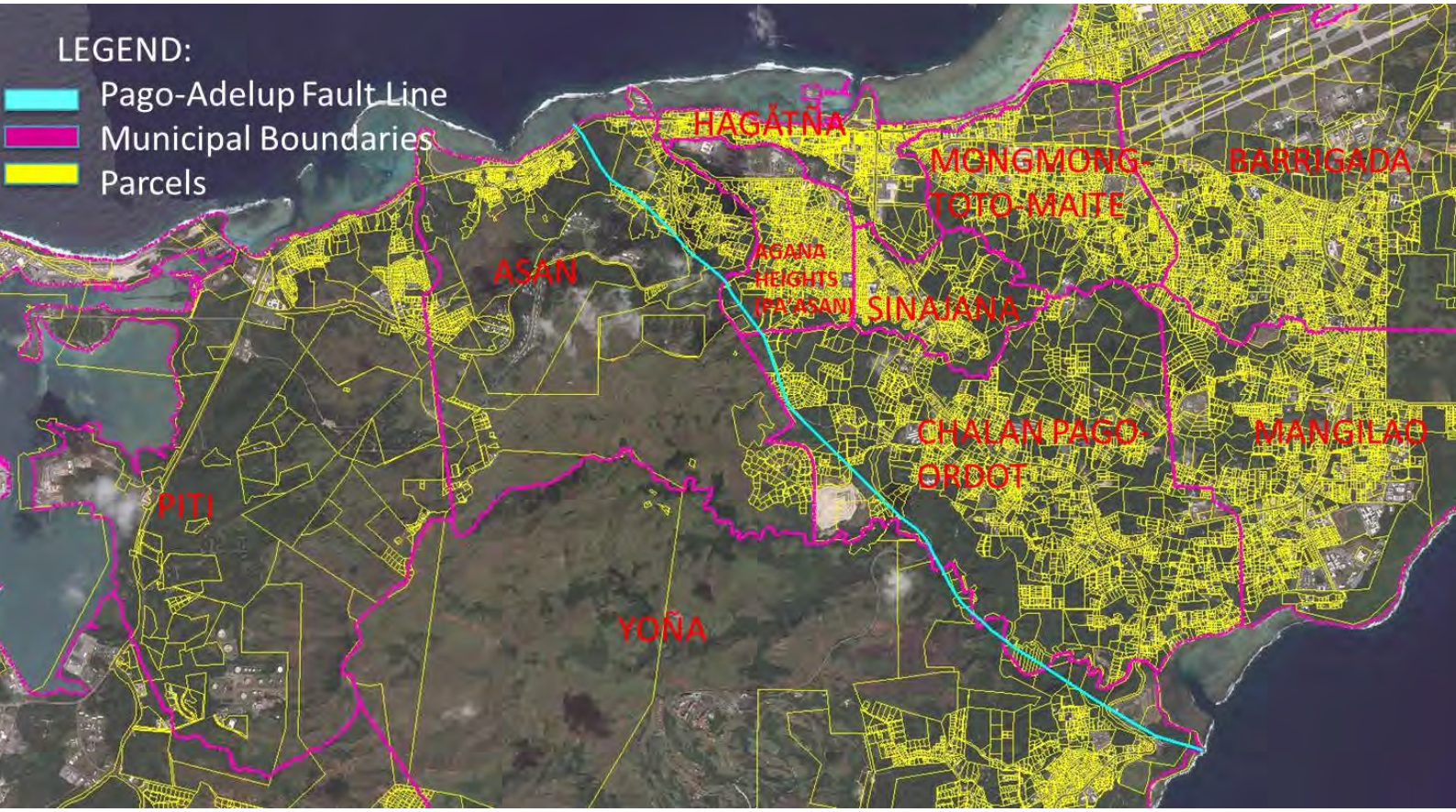
OBJECTIVE 2: Invasive Species Management & Control

OBJECTIVE 3: Support & Facilitate Education & Outreach

OBJECTIVE 4: Strengthen Organizational Systems and Develop Team Capacity

OBJECTIVE 5: Build Board and staff capacity to better function and serve as an organizational unit in with the local and federal sectors of government systems.

Doc. No. 35GL-19-0956.*



THE SOUTHERN DISTRICT

"Southern Soil and Water Conservation District, or Southern District, means the area organized pursuant to this Act as that area covering the southern area of Guam—the "entire" area designated as Southern Guam by the Water and Environmental Research Institute of the Western Pacific (WERI), University of Guam, as published in the 2007 Geologic Map and Sections of Guam, Mariana Islands, as amended, with the Adelup-Pago fault extending across the narrow waist of the island and forms the structural boundary between the northern and southern parts of the island" P.L. 31-125:2

2016-2019 SGSWCD DISTRICT DIRECTORS

- Benny Chargualaf, **Chairman**
- Angelita Mendiola, **Vice Chair**
- Carol Tayama, District Director
- Michael Aguon, District Director
- Brian Leon Guerrero, District Director

SGSWCD DISTRICT STAFF

Erica Pangelinan, District Manager
Linda Reyes, Outreach Specialist
Audrey Meno, Program Support Assistant

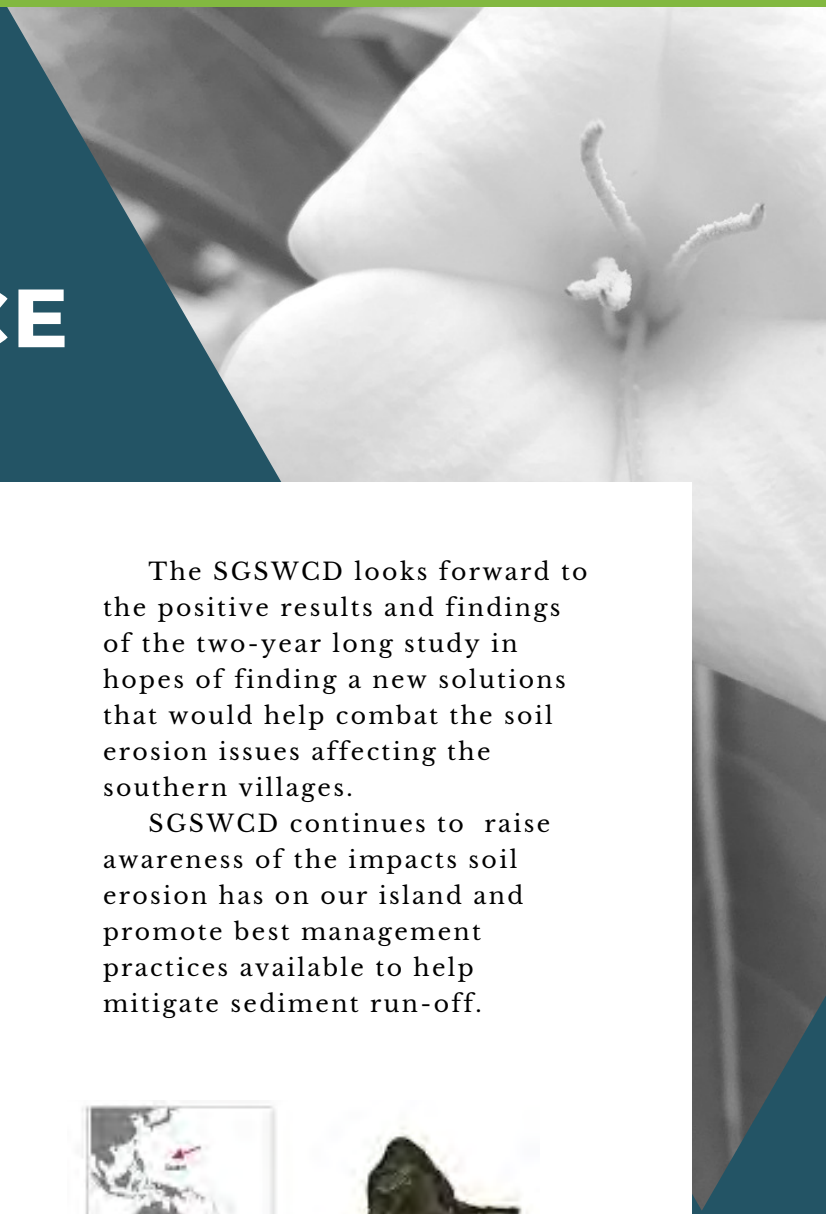
GSWCD DISTRICT PARTNERS

University of Guam (UOG)
UOG Center for Island Sustainability (CIS)
UOG Sea Grant
Northern Guam Soil and Water Conservation District (NGSWCD)
Guam Department of Agriculture (DoAG)
USDA Natural Resources Conservation Services (NRCS)
USDA APHIS Wildlife Services
CHamoru Land Trust Commission (CLTC)
Guam Bureau of Statistics and Plans (BSP)
National Oceanic and Atmospheric Administration (NOAA)

Doc. No. 35GL-19-0956.*

This year's

PROGRAM PERFORMANCE



OBJECTIVE 1: Identify, Inventory, & Facilitate Management of Conservation Areas & Agricultural Zones

UGUM Watershed Restoration

The SGSWCD entered into a service agreement with UOG Sea Grant to support the study and restoration of Guam's UGUM watershed. UGUM watershed is a significant water source located in the southern district. Over the years, activities such as wildfires, wild pigs, off roading, and other human activity have greatly contributed to soil erosion and sediment run-off. Sediment run-off and soil erosion has ultimately lead to impaired water quality and the destruction of Guam's coral reefs. The GROW initiative focuses on researching innovative tools to reduce sediment run-off. The Southern District committed $27,500.00 to purchase aircraft machinery, which will be used to disperse seeds in critical planting areas hard-to-reach.

The SGSWCD looks forward to the positive results and findings of the two-year long study in hopes of finding a new solutions that would help combat the soil erosion issues affecting the southern villages.

SGSWCD continues to raise awareness of the impacts soil erosion has on our island and promote best management practices available to help mitigate sediment run-off.



Map of Guam: Photo credit to the University of Guam Water and Environmental Research Institute of the Western Pacific.

Chalan Layong Tree Planting & Maintenance



In 2015, the Guam Environmental Protection Agency; Guam Department of Agriculture; USDA Natural Resource Conservation Service; the Southern Guam Soil and Water Conservation District; and the Inarajan Mayors Office coordinated a tree planting in Chalan Layon of Inarajan. The site was identified as a critical planting area that would help reduce sediment run-off from the UGUM Watershed. Maintenance of the tree planting site has become neglected due to lack of man-power and a cohesive adopt a tree program.Vice Chairwoman Angelita Mendiola recruited the Department of Corrections parolee services to begin the maintenance effort. The UOG Serenity Lions Club also joined in the efforts to keep the tree planting area maintained. The committee works to explore different options to continue maintenance efforts though a community based “adopt a tree” program.



Honorable Mayor Doris Flores Lujan (center). Photo credit: www.inarajan.com.



Guam Department of Agriculture's Forest Stewardship Coordinator Belmina Soliva explaining the different native species planted in Chalan Layong during the tree flagging effort.



Guam Environmental Protection Agency's Margaret Aguilar chopping down invasive weeds that are overtaking the native species in Chalan Layong.

OBJECTIVE 2: Invasive Species Management & Control

Guam Feral Swine Program

The SGSWCD entered in to a working agreement with the USDA APHIS Wildlife Services (WS) to control and manage feral swine populations through the use of coral traps. Feral swine causes erosion issues, carry diseases, and are dangerous when encountered. The pilot program proves to be successful and in great demand by public land owners. According the Guam Invasive Species Council Management Plan, feral swine is included as one of the top priorities for invasive species management. The demand for the traps are growing and the need to have a permeant feral swine program is apparent. During FY2018, the SGSWCD increased the local match to $20,000.00. A total of 604 pigs have been removed in FY 2018. As the SGSWCD struggles with receiving its mandated allocations, the Districts proposes the Guam Invasive Species Council take the lead as the local entity to partner with USDA APHIS WS to eradicate and control feral swine population on a much larger scale for the island of Guam.

604

FERAL PIGS REMOVED IN FY 2018



FERAL SWINE DISEASES FOUND ON GUAM

(1) Leptospirosis; transmission through urine and animals bodily fluids; can last for weeks in contaminated soil outside the animal's body. Bacteria usually contracted by humans through drinking contaminated water. Contact with bacteria through breaks in skin, and mucus membranes in eyes/nose/mouth. Can cause kidney/liver damage, meningitis, in people. https://www.cdc.gov/leptospirosis/infection/index.html

(2) Brucellosis (SB); bacteria found in reproductive tract of swine, fetus, other body fluids, milk and poses high risk to unprotected hunters or anyone handling swine. https://www.cdc.gov/brucellosis/transmission/index.html

(3) Pseudorabies virus (PRV); the virus is passed directly via nose to nose contact and indirectly via contact with urine or feces. The virus can live for up to two weeks in the environment. Pseudorabies is a fatal disease in dogs and cats. Dogs used for hunting feral swine are particularly at risk for contracting and dying from pseudorabies. Symptoms are similar to rabies including excessive salivation, scratching that can lead to self-mutilation, and a lack of coordination or paralysis, but animals infected with pseudorabies will not display an aggressive behavior as do rabid animals (Thiry et al. 2013). There is no vaccine to prevent pseudorabies in cats or dogs. http://edis.ifas.ufl.edu/uw388

(4) Japanese Encephalitis (JeV); JeV is a virus distributed by mosquitoes and vertebrate hosts, mainly pigs and wading birds. Humans can be infected when bitten by an infected mosquito. A small percentage of people infected with JeV develop inflammation of the brain (encephalitis). About 1 in 4 cases are fatal. There is no specific treatment for JeV. https://www.cdc.gov/japaneseencephalitis/

See also: 1. Toxoplasmosis and 2. Salmonella.

Information provided by the USDA APHIS Wildlife Services

OBJECTIVE 3: Support & Facilitate Education and Outreach

2018 Guam Soil and Water Educators Symposium

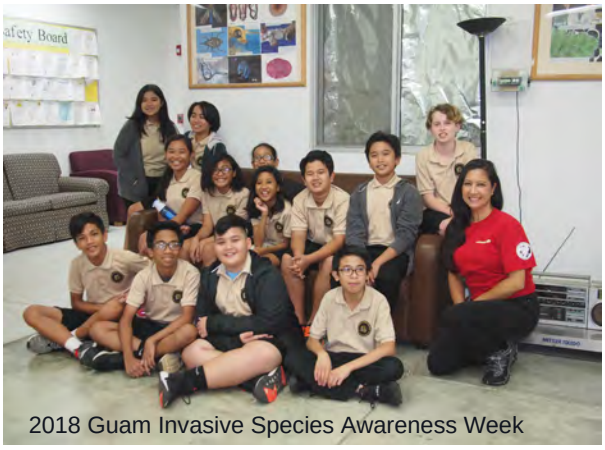
The Guam Soil and Water Conservation Districts hosted another successful Educators Symposium on July 26, 27, 28, and 31, 2018 at the University of Guam. This year's theme focused on "Guam: Our Water, Our Home". The annual event is dedicated to teaching Guam's educators about the importance of soil and water conservation. Every year, the Guam SWCDs collaborate with the Guam Department of Education to recruit teachers who are interested in incorporating conservation in their classrooms using STEM methodologies. The symposium includes class lectures and a field-day designed to meet the requirements of the PIP for the option of earning 2.0 graduate credits from he University of Guam. This year thirty-six participants successfully completed the symposium. The Districts work to engage previous symposium participants to showcase their conservation curriculum used in their classrooms. Sponsors of the event include Bank of Guam, Coast 360, Guam Visitors Bureau, and Main Street Delicatessen. The Northern and Southern Guam SWCDs continue to work together to promote good stewardship of our island's resources through education and outreach.



6th Annual Educaor's Symposium


2018 Center for Island Sustainability Conference


2018 KIKA Camp Session 2 at the COTAL forest


2018 Guam Invasive Species Awareness Week



2018 Stewardship Week and Proclamation Signing

In 1955, the National Association of Conservation Districts began a national program to encourage Americans to focus on stewardship. Stewardship Week is officially celebrated from the last Sunday in April to the first Sunday in May. To kick off the 2018 Stewardship Week, the Northern and Southern Guam Soil and Water Conservation Districts held a Proclamation Signing on Wednesday, April 25, 2018 at the Ricardo J. Bordallo Governor's Complex. The official signing recognizing Stewardship Week (April 29-May 06, 2018) took place under the breezy canopy of the Daok trees. Stewardship Week is one of the world's largest conservation-related observances. Stewardship Week helps to remind us all of the power each person has to conserve natural resources and improve the world. When everyone works together with their local conservation district, that power continuously grows.

Community and Partner Outreach Efforts

The SGSWCD continues to collaborate and support partner programs in an effort to promote the conservation of Guam's precious natural resources through good stewardship and best management practices.

SGSWCD Sponsored Events

- 2017 Pig Hunting Derby
- 2018 Center for Island Sustainability Conference
- Bureau of Statistics and Plans GCMP Kika Clear Water Camp
- 2018 International Coastal Clean-up
- NOAA Tree Planting

UOG CNAS Collaborative Workshops

- 2017 Pig Hunting Derby
- 2018 Center for Island Sustainability Conference
- Bureau of Statistics and Plans GCMP Kika Clear Water Camp
- 2018 International Coastal Clean-up
- NOAA Tree Planting

Community Outreach Events

- 2017 Arbor Day
- Trick or Trees
- 2017 Pork In the Park
- Guam Invasive Species Awareness Week
- UOG Charter Day
- Kids Freshwater Fishing Derby
- Valley of the Latte River Festival
- GCMP Kika Clearwater Session 1 and 2

OBJECTIVE 4: Strengthen Organizational Systems and Develop Team Capacity

National Association Conservation District (NACD) Membership



2018 NACD Annual Conference in Jacksonville, Tennessee. Pictured Left to right: NGSWCD Chairman Ronald Laguana; USDA NRCS PIA Director Travis Thomason; and SGSWCD Director Carol Tayama

The SGSWCD's appointed NACD representative, District Director Carol Tayama, attended the 2018 NACD Annual Meeting (Jacksonville, Tennessee) and the Pacific Joint Region Meeting (Kennewick, Washington). Guam's representation during committee meetings and conference is crucial to ensure Guam's input is included as NACD lobbies congress for programs needed to best serve the region's farmers and natural resource concerns.

NACD Technical Assistance Grant

SGSWCD acquired their first grant this FY2018. The grant allows SGSWCD to hire two (2) part-time employees to service the USDA Natural Resources Conservation Services. Employees provide program support to NRCS help alleviate administrative duties, which allows planners to get more field time and conservation on the ground.

NRCS Conservation Bootcamp Training (CBCT)



Pictured: Successful participants of the 2018 Conservation Bootcamp Training during the September Session



2018 NACD Annual Conference in Jacksonville, Tennessee. Pictured Left to right: NGSWCD Chairman Ronald Laguana; USDA NRCS PIA Director Travis Thomason; and SGSWCD Director Carol Tayama

Pictured: SGSWCD employee Erica Pangelinan during a field day with NRCS Guam Field Office at Manhita Farms.

Aspiring Conservationist and SGSWCD employee, Erica Pangelinan, attended the National Conservation Employee Development Center's Conservation Boot Camp Training. The training consisted of an intense three week program teaching NRCS employees and affiliates the 9-step conservation planning process, planning policy, and planning procedure and guidelines according to the National Planning Policy Handbook. The NACD sponsored Ms. Pangelinan's attendance. With this new found professional development, SGSWCD can assist NRCS in developing conservation plans for farmers and district cooperators. Pangelinan is the first ever SWCD affiliate in the Marianas to attend the CBCT.



a year's overview

FINANCIAL HIGHLIGHTS

Fiscal Performance: Income

According to Guam Public Law 34-42 Chapter II Section 7 the amount of $149,334.00 is to be disbursed through UOG and divided amongst the two (2) Guam Soil and Water Conservation Districts for FY2018. The SGSWCD received $64,955.86 and was shorted $9,756.14



Fiscal Year 2018 Income
$85,935.86

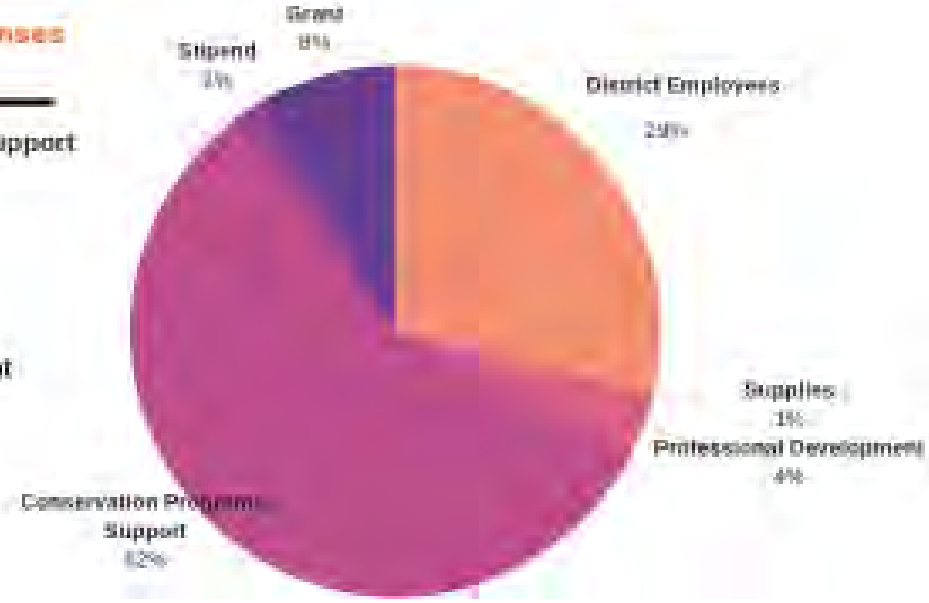
UOG Disbursements
$64955.86
NACD Grant Funding
$15,000
Symposium Donation
$6000.00

Fiscal Performance: Expenses

More than half of the SGSWCD's budget was dedicated to the support of conservation programs and district staff. The SGSWCD invested majority of its funding into the UGUM Watershed restoration project and the Feral Swine Pilot Program.

Fiscal Year 2018 Expenses
$158,849.75

Conservation Program Support
$79,800.58
District Employees
$39,712.99
Grant Employees
$11,665.85
Professional Development
$5,120.33
Director Stipends:
$2,700.00
Supplies
$200.00





LOOKING AHEAD

The Guam SWCDs play a vital role within Guam's natural resources community by serving as the voice of their district cooperators;promoting the protection of Guam's soil and water resources through conservation and best management practices; and encouraging good stewardship through outreach and education. However, the island's economic challenges continues to affect the value of Guam SWCD services. Issues concerning untimely release of mandated District allocations; restricted administrative and technical capacity; and disconnected partnerships make it difficult for the SGSWCD to fully effectuate their mandates and powers vested by its authority.The Board looks forward to reexamining its strategic plans to better service its farmers, ranchers, partners, and affiliates. Additionally, the SGSWCD team is exploring different funding opportunities to increase district value and build staff capacity. Moreover, The SGSWCD Board has shifted priority objectives to increase conservation plans on agricultural lands; increase feral swine management on farm lands; engage public awareness of soil and water conservation and best management through outreach; and strengthen existing partnerships.

2019 STRATEGIC OBJECTIVES

- **OBJECTIVE 1:** Host Stakeholder Session and generate updated strategic plan for term 2020-2023.
- **OBJECTIVE 2:** Assist USDA NRCS to increase conservation plans and EQIP awards on Guam.
- **OBJECTIVE 3:** Support & Facilitate Education & Outreach to district cooperators.
- **OBJECTIVE 4:**Aquire funding to maintain, inventory conservation areas and/or reserves.
- **OBJECTIVE 5:** Strengthen Organizational Systems and Develop Team Capacity

Partner Directory

- USDA Animal and Plant Health Inspection (APHIS) Guam Wildlife Services | Tel: 671.635.4400
- Bureau of Statistics and Plans (Guam Coastal Management Program) | Tel: 671.475.9672
- CHamorro Land Trust Commission Tel: 671.649.5263
- Department of Agriculture Tel: 671.735.3942
- Farm Service Agency (FSA) Tel: 671.300.8552
- Guam Environmental Protection Agency | Tel: 671.300.4751
- Håya Foundation | Tel: 671.727.7717
- National Oceanic Atmospheric Administration (NOAA) | Tel: 671.300.8586
- USDA Natural Resources Conservation Service | Tel: 671.300.8591
- UOG Center for Island Sustainability | Tel: 671.734..0478
- UOG College of Natural and Applied Sciences | Tel: 671.735.2050
- UOG Sea Grant | Tel: 671.735.2142

REMINDING OUR PEOPLE

Conservation Matters 24/7

SOUTHERN GUAM SOIL AND WATER CONSERVATION DISTRICT

QUESTIONS/ COMMENTS? FEEL FREE TO CONTACT US!
EMAIL: SOUTHERNGUAMSWCD@GMAIL.COM OR DISTRICT OFFICE: 671-735-2014 |
Doc. No. 35GL-19-0956.*