



## STAARRDEC conducts 32<sup>nd</sup> RSRDEH

The Southern Tagalog Agriculture, Aquatic and Resources Research, Development and Extension Consortium (STAARRDEC) conducted its 32<sup>nd</sup> Regional Symposium on Research, Development and Extension Highlights (RSRDEH) on October 10-11 at Balar Events Place, Balaring, Boac, Marinduque. Themed, “*Science, Technology and Innovation: Enabling Commercialization and Global Competitiveness*”, the event aimed to showcase research innovations and technologies generated by state universities and colleges (SUCs) and various research,

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The panel of evaluators together with Dr. Marilyn M. Escobar, Consortium Director of STAARRDEC, and the participants during the 32<sup>nd</sup> RSRDEH

## CvSU-Naic Mussel Team presents Year 1 accomplishments

The Mussel Team of Cavite State University-Naic Campus (CvSU-Naic) composed of Prof. Armina B. Pugay, CvSU-Naic director for Research, Development and Extension Services (RDES) and project leader, with researchers Ms. Harliqueen S. Jacinto and Mr. Rollie Jan C. Hinahon, successfully presented the Year 1 accomplishments of the project titled “Pilot Testing an LGU-based Common Service Mussel Depuration Facility” during the Annual Program and Terminal Review on Shrimp, Mangrove Crab, Tilapia, Milkfish, Aquafeeds, Mussel, and Biodiversity

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## CvSU holds 3<sup>rd</sup> EnGIRS Summit

Cavite State University (CvSU) through the Department of Forestry and Environmental Science (DFES) of the College of Agriculture, Food, Environment and Natural Resources (CAFENR) led the 3<sup>rd</sup> EnGIRS Summit on November 6-7, 2019 at the Training Hall, Agri-Eco Tourism Main Building, CvSU, Indang, Cavite in partnership with the Extension Services (ES) unit with the theme, “*Ensuring Sustainable Future through Geographic Information Science for Agro-Environments*”. The highlights of the event were lecture forum, Geographic Information System (GIS) and Remote Sensing (RS) training and digital poster presentations that showcased

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## Getting to KNOW...

### ROWENA G. VIDON

Ms. Rowena G. Vidon is currently assigned at the Microbiology Laboratory of the Research Center as Science Research Assistant 1.

She started working at Don Severino Agricultural College (DSAC), now Cavite State University, in January 1995 as Research Aide at the Research Center, then transferred to the Physical Sciences Department of the College of Arts and Sciences in December 2000 as Laboratory Technician. She obtained permanent status in December 2002 and is now on her 25th year of dedicated service to the University.

Ms. Vidon was born on November 16, 1962 in Indang, Cavite. She finished Bachelor of Science in Agriculture at DSAC and graduated in 1984. She also took 36 units in Master of Arts in Education. *Ate Wena*, as she is fondly called, is married to Macario P. Vidon, a retired teacher of Saint Gregory Academy, and has three children. Her family resides in Mahabang Kahoy Cerca, Indang, Cavite.



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### VISION

The premier university in historic Cavite recognized for excellence in the development of globally competitive and morally upright individuals.



### MISSION

Cavite State University shall provide excellent, equitable, and relevant educational opportunities in the arts, sciences and technology through quality instruction and responsive research and development activities.

It shall produce professional, skilled and morally upright individuals for global competitiveness.



### QUALITY POLICY

We Commit to the highest standards of education, Value our stakeholders, Strive for continual improvement of our products and services, and Uphold the University's tenets of Truth, Excellence and Service to produce globally competitive and morally upright individuals.



## Masana speaks at Research Trends 2019

Ms. Louziela P. Masana, a faculty member of Cavite State University-General Trias City Campus, was invited as resource speaker during the seminar titled, “Research Trends 2019”, organized by the Department of Arts and Sciences of the Cavite State University-Silang Campus on November 21, 2019. This seminar was attended by Bachelor of Science in Psychology students and faculty members, and was geared towards transforming the said campus into a responsive research campus. Ms. Masana talked on the topic, Writing Scientific Research Reports: Translating Thesis into IMRaD format.

Another resource speaker, Mr. Jet Martine Geronimo, a faculty member of Far Eastern University-Silang Campus, tackled the current

trends and issues on Psychology.

Through the seminar, students and faculty members were challenged to embrace research and share research results through presentations and publications. (LPMasana)



Ms. Masana while discussing the IMRaD format of paper for publication

### STAARRDEC conducts ... (from page 1)

development and extension institutions that help address global challenges including poverty, inequality, climate change, environmental degradation among others to achieve a better and more sustainable future for all.

Dr. Hernando D. Robles, Regional Research and Development Coordinating Council (RRDCC) Chair and President of Cavite State University (CvSU), Mr. Rolando M. Larracas, representing the Office of the Governor, Province of Marinduque, gave their welcome messages while Ms. Cherrie D. Atilano, President, CEO and Founding Farmer of AGREA Farm School delivered her inspirational message during the opening program.

The activity continued with the presentation of competing papers on research, development and extension on the second day. Prizes for the winners in the research, development and extension categories judged as first, second and third placers were certificate of recognition and cash award of Php 10,000, Php 7,000 and Php 5,000 respectively. The 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place winners in the research category



Dr. Hernando D. Robles, RRDCC Chair of STAARRDEC and President of CvSU, delivers a message



Mr. Rolando M. Larracas, representing the Office of the Governor, Province of Marinduque, welcoming the participants

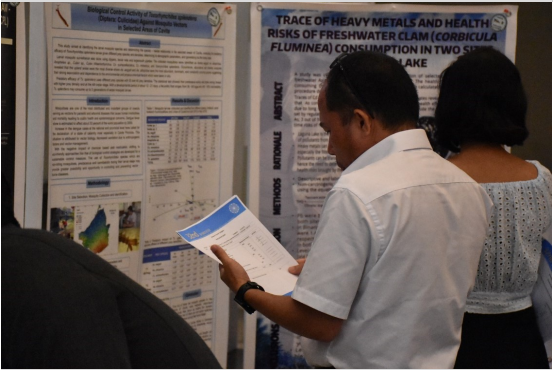
were For. Florena B. Samiano and Mr. Emmanuel P. Domingo of Forest Products Research and Development Institute (FPRDI), Mr. Jonathan R. Digma of Cavite State University (CvSU), and Dr. Romeo C. Pati and Prof. Rosalinda Brasos of the University of Rizal System (URS), respectively. Winners in the development category were Ms. Flora A. Jarilla, Ms. Eugenia M. Buctuanon, Ms. Helen T. Calibo and Mr. Carlos T. Tigno of the Bureau of Plant Industry – Los Baños National Crops Research, Development and Production Support Center (BPI-LBNCRDPSC), Engr. Christian S. Camacho and Mr. Rico J. Cabangon of FPRDI, and Prof. Rosalinda A. Abuy, Prof. Dhenalyn A. Dejele and Prof. Gerald R. Villaseñor of Southern Luzon State University (SLSU), respectively; while in extension category, winners were Ms. Michele T. Bono and Mr. Dickson N. Dimero of CvSU, Ms. Marites P. Cosico, Dr. Rolando V. Maningas and Ms. Mariel Celeste C. Dayanghirang of Agricultural Training Institute IV-A (ATI IV-A), and For. Jennifer M. Conda, Mr. Arsenio B. Ella, Mr. Robert A. Natividad, Ms. Emelyne Cortiguerra of FPRDI, respectively.

Prizes of winners for the best posters in research, development and extension category received a certificate of recognition and a cash award of Php 7,000 each. The winners for research poster category were Mr. Essex Vladimer G. Samaniego and Mr. Wilfredo B. Barrera, Jr. of SLSU; for development poster category were Engr. Christian S. Camacho and Mr. Rico J. Cabangon of FPRDI; and for extension poster category were For. Jennifer M. Conda, Mr. Arsenio B. Ella, Mr. Robert A. Natividad and Ms. Emelyne Cortiguerra of FPRDI.

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Ms. Cherrie D. Atilano, President, CEO and Founding Farmer of AGREA, delivers an inspirational message



Evaluators reviewing the posters



## ERB staff attends orientation training for Research Ethics Committee Staff

Ms. Angielyn M. Erni, CvSU Ethics Review Board (ERB) office staff, attended the two-day orientation training for Research Ethics Committee Staff held at the Pontefino Hotel, Pastor Village, Batangas City from November 5 to 6, 2019.

The said seminar attended by hospital administrators and secretariat from different institutions aimed to help capacitate staff in supporting the Research Ethics Committee (REC) in its operations especially in the determination of completeness of submission documents, assignment of protocol codes,

development and maintenance of databases, preparation of protocol files/folders and management of administrative files.

Highlights of the seminar include the role of staff in the review process, overview of Philippine Research Ethics Board (PHREB), REC and staff functions, management of administrative files and communication, membership files, preparation of agenda and minutes of meetings. The resource person was Dr. Marita V. T. Reyes from PHREB. (AMErni)



Dr. Marita V.T. Reyes, speaker



Ms. Erni (5<sup>th</sup> from right) together with the other training participants

### CvSU-Naic Mussel Team ... (from page 1)

Research and Development held in Iloilo City last November 13-15. Included in their report were the project's 6Ps (Publication, Patent, Peoples and Services, Policies, Places and Partnership) and 2Is (Social Impact and Economic Impact).

The depuration project started on January 2, 2019 with an initial budget amounting to Php 2,787,625 for Year 1. Additional Php 1,193,575 was granted when the continuation of the project was defended by Ms. Pugay during the Directors' Council Meeting of the Department of Science and Technology – Philippine Council for Agriculture, Aquaculture and Natural Resources Research and Development (DOST-PCAARRD) held on October 25, generating a total budget of Php 3,981,200. (DFMangao,Jr.)



The participants from different implementing agencies for the Annual Program and Terminal Review



Prof. Pugay, project leader and CvSU-Naic RDES Director, as she presents Year 1 accomplishments (left) and awarding of certificate for the presenters (right) during the Annual Program and Terminal Review

### STAARRDEC conducts ... (from page 2)

Panel of evaluators for research and development were Mr. Jose Tomas M. Cabagay of DOST - Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD), Dr. Roel R. Suralta of Philippine Rice Research Institute (PhilRice), Dr. Chito F. Sace and Dr. Jocelyn L. Aveno of Central Luzon State University (CLSU), and Dr. Edna dA. Vida, retired faculty of CvSU and former Consortium Director of STAARRDEC. For the extension category, evaluators were Mr. Jose Tomas M. Cabagay of PCAARRD, Dr. Jocelyn L. Aveno of CLSU and Ms. Nikie Esmero, former faculty of CvSU.

A heart-warming hospitality and socialization of the Marinduqueños was accorded to all the participants and guests in the evening of Day 1.

Attended by various stakeholders from state universities and colleges, research institutions, government agencies, private sectors and people organization in CALABARZON, the symposium was jointly sponsored by STAARRDEC, PCAARRD and Marinduque State College (MSC) and was closely supervised by Dr. Marilyn M. Escobar, STAARRDEC Consortium Director and professor of CvSU with Dr. Edelwina M. Blasé, Vice President for Research and Extension of MSC. (MMEscobar)



## Sikat Solar Challenge Foundation Inc. visits SPRINT

Ms. Maria Angelica Reyes and Mr. Dane Christian Amador of Sikat Solar Challenge Foundation Inc. (SSCFI) visited the Sugar Palm Research, Information and Trade (SPRINT) Center at Cavite State University, Indang, Cavite on November 11, 2019. The objective of the visit was to learn the potential uses of *kaong* that they can apply in Oriental Mindoro where their adopted indigenous people community is located.

During their visit, Engr. Arturo C. Eraña, SPRINT in-charge, mentioned the current initiatives of SPRINT in promoting *kaong* for ecology and livelihood. A brief discussion about the characteristics, importance and different uses of *kaong* was also given by For. Junser P. Magpantay, instructor from the Department of Forestry and Environmental Science (DFES) of the College of Agriculture Food, Environment and Natural Resources (CAFENR). The visit was capped with future

collaboration between SPRINT and the SSCFI to provide trainings and assistance towards *kaong* conservation and management.

SSCFI is a non-profit organization under the Lopez Group of Foundations which aims to uplift lives innovatively with renewable energy. (JLBHerrera)



Engr. Eraña, in-charge of SPRINT Center discussing the characteristics of a *kaong* plant during the field tour

### CvSU holds 3rd EnGIRS ... (from page 1)

the completed studies using GIS focusing on environmental conservation and management. About 34 faculty and employees from different colleges, campuses and units of CvSU including Local Government Units (LGUs) of Cavite attended the summit. The objective of the training was to introduce and discuss the application of GIS and RS in agro-environments.

In the program, Dr. Analita dM. Magsino, dean of CAFENR, Ms. Lorna C. Matel, ES head for Techno Transfer, Ms. Amyel Dale L. Cero, chairperson of DFES and Ms. Bessielyn V. Naños, research assistant from the Office of the Vice President for Research and Extension (OVPRE), gave their welcome remarks followed by a keynote address from Dr. Beng P. Umali on the use of GIS for sustainable agroecosystem. This was followed by Mr. Owen A. Lagunday who served as a resource person on ArcGIS platform together with its proposal for GIS capability building for a Geocentric Higher Education for CvSU. Right after the opening program, training on the use of GIS and RS was facilitated by Prof. Moises A. Dorado together with his team from the Project

Smarter Approaches to Reinvigorate Agriculture as an Industry in the Philippines (Project SARAI), a collaborative project of the University of the Philippines, Los Baños (UPLB) and Department of Science and Technology (DOST) together with the Philippine Council for Agriculture, Aquatic and Natural Resources, Research and Development (PCAARRD).

The training on the use of GIS and RS continued on the second day of the EnGIRS Summit. Certificates of Completion and Appreciation were awarded right after the event.

EnGIRS Summit was first held on January 29, 2015, which highlighted the establishment of the Environmental Geo-Information and Remote Sensing Laboratory after receiving a Php 4.0M grant from the Commission on Higher Education (CHED) and introduced GIS to students and the general academic community. Student research activities were also presented during the event. The 2<sup>nd</sup> EnGIRS Summit held on November 12-13, 2018 focused on researches of students, researchers and faculty members of the university using GIS for sustainable resource management and conservation. (JLBHerrera)



Participants of the 3<sup>rd</sup> EnGIRS summit during the GIS training



The facilitators, keynote speaker, paper presenters and participants of the 3<sup>rd</sup> EnGIRS Summit



## KMC conducts orientation-seminar on journal publication

The Knowledge Management Center (KMC), through the initiative of Ms. Sheryl N. Sierra, head of Publication and Communication Division, conducted an orientation-seminar titled, “How to Publish Paper in CvSU Research Journal and in Other High Quality Journals” held last November 14 at the Southern Tagalog Agriculture and Aquatic Resources Research, Development and Extension Consortium (STAARRDEC) Conference Room.

Participants of the activity were research coordinators and faculty and staff who have research projects funded through CvSU Research Grant (CRG) and Faculty and Student Research Capability Enhancement Program (FSRCEP). This seminar aimed to orient the participants on journal publication and motivate them to publish their papers in the CvSU Research Journal and in other reputable journals. Dr. Ruel M. Mojica, Vice President for Research and Extension, in his inspirational talk, shared his experiences as a full-pledged researcher. He mentioned that he also used to seek help from other faculty members in publishing his research and the first paper he published was his undergraduate thesis. Meanwhile, Dr. Ma. Fatima I. Cruzada, director of KMC, welcomed the participants and the resource speakers and discussed the goals or objectives of the said seminar.



Dr. R. Mojica (left) and Dr. F. Cruzada (right) delivering their messages

During the seminar, Ms. Abigail C. Gomez, faculty member of CvSU-Imus and CvSU Research Journal Associate Editor, talked about the guidelines in publishing in CvSU Research Journal and gave insights on how to successfully publish a research article. She added that a researcher should not be discouraged if the paper needs a lot of revision or is rejected outright, but instead find the reason of rejection and see the things that need to be improved. Dr. Cruzada, on the other hand, discussed the guidelines and process on granting incentives for publication. She encouraged the participants to publish their research as this will be rewarded through the incentives given by the University. Engr. Sheryl D. Fenol, faculty researcher, discussed the importance of publishing research paper in a reputable journal. She gave points on how to spot a predatory journal. Dr. Melbourne R. Talactac, dean of the College of Veterinary Medicine and Biomedical Sciences (CVMBS), talked about his experiences in publishing articles in high quality journals and gave his insights on improving the acceptability of the manuscript into ISI journals. Dr. Miriam D. Baltazar, editor-in-chief of the Philippine Coffee Journal, gave tips on writing a research article for publication. She emphasized that lack of consistency in the sections of the manuscript; failure to follow the publication guidelines; poor English structure, including grammar and spelling; and unclear hypothesis are some of the common reasons why some papers are rejected.

With all the topics discussed during the seminar, KMC hopes to enlighten researchers and thus increase submission of research articles for publication particularly in the CvSU Research Journal. (LPAdriano)



Resource speakers sharing their knowledge, insight and experiences



KMC officers and staff with the seminar participants

## Bahia speaks at AFP Health Service Command

Dr. Rezin C. Bahia, faculty member from the College of Veterinary Medicine and Biomedical Sciences (CVMBS) gave a special lecture and refresher course to the Veterinary Corps of the Armed Forces of the Philippines (AFP) last November 21 at the AFP Health Service Education and Training Center, Quezon City.

Topics during the lecture include Philippine biodiversity, wildlife conservation, conservation medicine, and wildlife handling and restraint. These form part of the conduct of Preventive Medicine Course Class 01-19 of the AFP Health Service Command.

“Such a speaking engagement is a way for the College to remain true to its mandate in providing extension services to our fellow government agencies,” Bahia concluded. (JAFrancisco)



Dr. Bahia as he receives certificate of appreciation from AFP Health Service Command



# SNAP hydroponics introduced in Guyam Munti

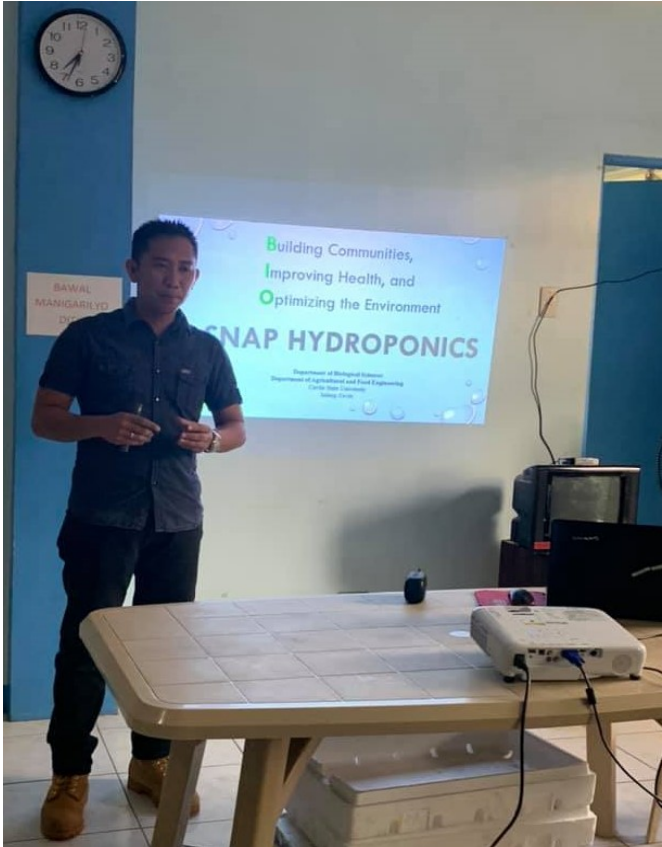
The Department of Biological Sciences of the College of Arts and Sciences, in collaboration with the College of Engineering and Information Technology, introduced the “SNAP Hydroponics” to the residents of Guyam Munti, Indang, Cavite on November 6, 2019.

The residents were taught how to plant vegetables using materials that could be found at home such as styrofoam boxes and cups, tin cans, coco coir or saw dust and water. This also used the SNAP solution developed by UPLB, which stands for Simple Nutrient Addition Program which also connotes the literal meaning of the word – easy job or smooth-sailing. This technique was introduced to the community for them to have their vegetable garden in their own homes.

Engr. Eligio C. Borres served as the speaker. He also demonstrated how to set up the hydroponics and let the residents make their own set-up. Seedlings of vegetables such as lettuce and pechay were planted in the set-up. The saw dust was used (no available coco coir) to act as the growing medium that will hold the root system of the plant. According to Engr.



The residents of Guyam Munti setting up the SNAP hydroponics



Engr. Eligio Borres as he delivers his talk

Borres, the SNAP solution is very cheap that residents can easily obtain more than half of their Return-on-Investment (ROI) if they use this technology.

The residents were thankful that they learned this technology which took only a short period of time before the harvest. (LPTaglinao)

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## 2nd National COFFEE EDUCATION CONGRESS

**“THEME:**  
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**December 3-5, 2019**  
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