Performance Report 2013

SmarterPhilippines

Science and Technology Information Institute
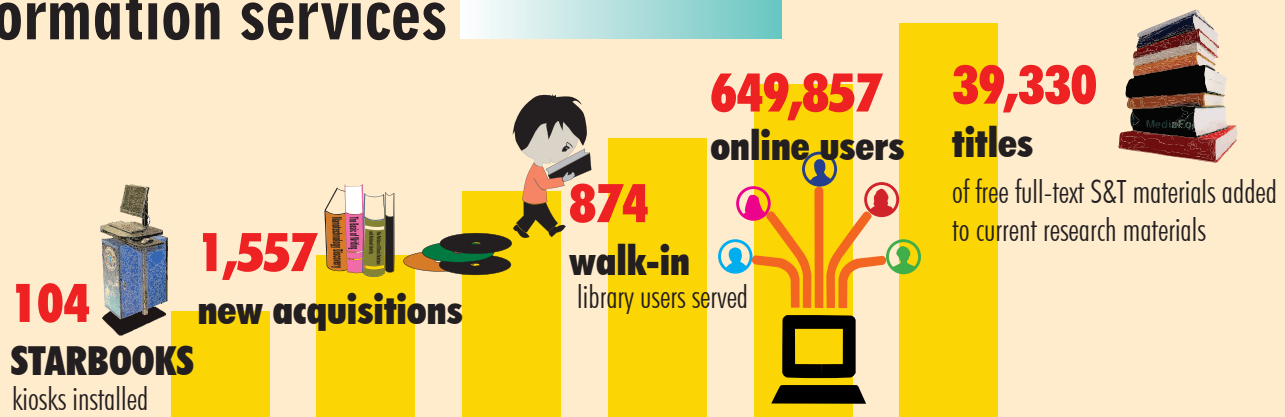DEPARTMENT OF SCIENCE AND TECHNOLOGY

ABOUT THE COVER

SMARTER PHILIPPINES. The concept is every Filipino's aspiration. This desire for a smarter way of living via smarter products and services is what keeps STII committed.

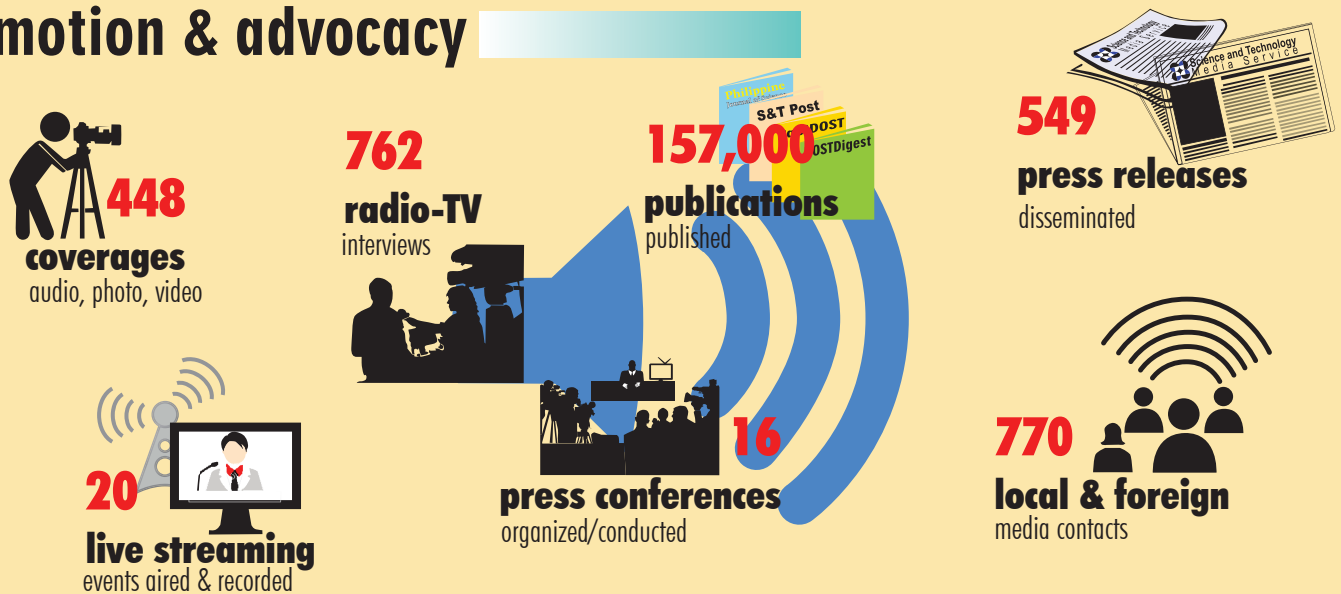And this is what the red ribbon symbolizes.

More than just an embellishment, a ribbon ties and binds. SMARTER PHILIPPINES is what binds us together as we work collectively to build that brighter future for our children. Its color reveals our passion for science, technology, and information whose capability to propel our country's economic status is unquestionable. And instead of lying around flat, our ribbon is in motion, as if in flight, to indicate our dynamism in building a nation that is better, richer.

Indeed, the image on the cover is a fitting reflection of our commitment – to DOST, and to our country.
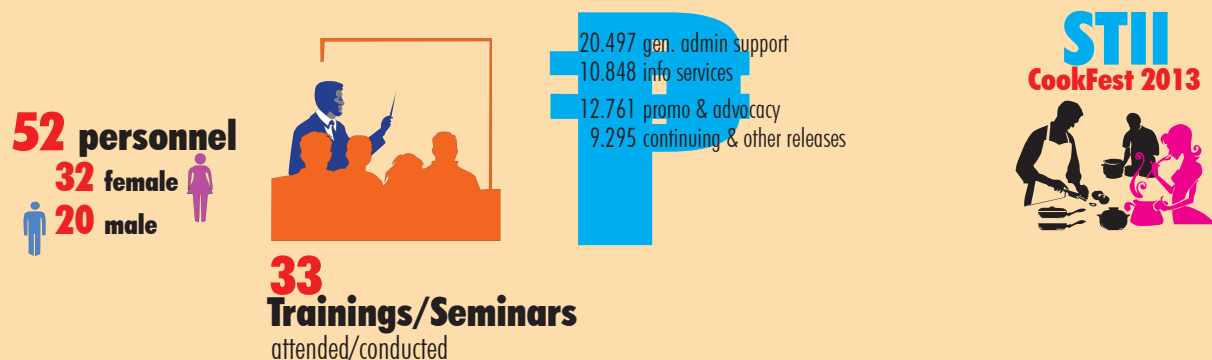
information services

104
STARBOOKS
kiosks installed

1,557
new acquisitions

874
walk-in
library users served

649,857
online users

39,330
titles
of free full-text S&T materials added
to current research materials

promotion & advocacy

448
coverages
audio, photo, video

762
radio-TV
interviews

20
live streaming
events aired & recorded

16
press conferences
organized/conducted

157,000
publications
published

Philippine
S&T Post
POST
POSTDigest

549
press releases
disseminated

770
local & foreign
media contacts

financial & administrative

52 **personnel**
32 female
20 male

33
Trainings/Seminars
attended/conducted

20.497 gen. admin support
10.848 info services
12.761 promo & advocacy
9.295 continuing & other releases

STII
CookFest 2013

read on

Philosophy

STII's philosophy is rooted in its development mission to achieve and maintain S&T information excellence and deliver effective and efficient service in an environment where information at the moment of value is key to competitiveness.

STII promotes the widespread use of and appreciation for S&T information. Through its continuing resource sharing activities, S&T popularization services, and IT-based solutions, STII makes S&T information more accessible and valuable to all Filipinos.

Its people are the Institute's most important resource. Librarians, writers, information analysts and communication specialists double up as information brokers, publicists, advertising executives and image builders for DOST and STII. With the advances in ICT, and the increasing demand for S&T information, STII must keep pace by employing and training communication and information professionals who can meet the standards of competent service.
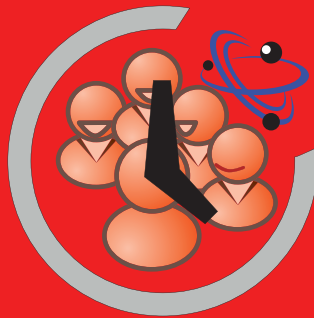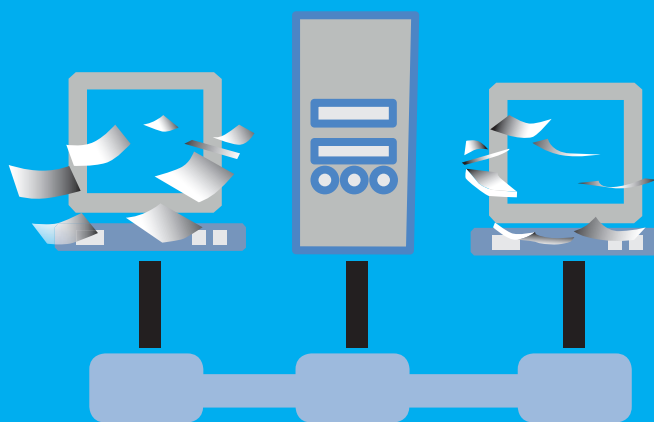
Mission

To make timely, relevant, and quality S&T information accessible through resource-sharing, networking, broader and faster delivery systems;

To keep the various stakeholders updated on local and international S&T developments;

To promote public awareness, understanding, and appreciation for S&T and its role in development.

STII is mandated to

- establish a science and technology databank and library;
- disseminate science and technology information; and
- undertake training on science and technology information.

These mandates on which the existence of the Institute is anchored appear simple, but crucial. Building the S&T information reservoir; promoting and propagating information; and strengthening our human resource infrastructure through training and other learning approaches are elements that never ceased to be a challenge for STII.
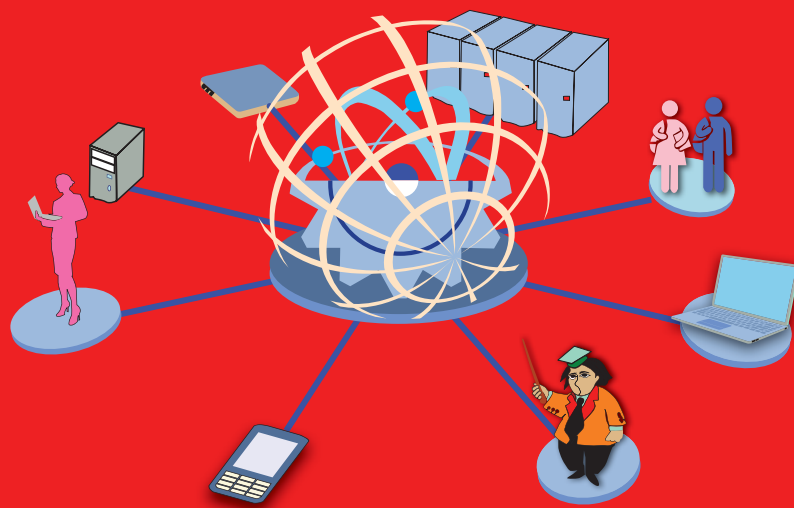
Vision

A globally recognized center for S&T information dedicated to the empowerment of the nation's key sectors, that contributes to the improvement of Philippine society.

MESSAGE
FROM THE SECRETARY

The year 2013 is certainly not one of our typical years. It saw an event far from what's ordinary, one so devastating that ravaged several areas in Eastern and Western Visayas.

With a toll so huge that it drew global attention, typhoon Yolanda was made as a model of how strong and destructive a typhoon could become. Though cities and towns were in shambles, the worse did not actually happen as more people were able to take cover before Yolanda could make a landfall. It's all because of the warning and its timely communication.

In crucial moments, information and communication really save lives so that without them, technology can hardly be of use to the people we are supposed to serve. Yes, we have warning agencies that monitor calamities and forecast impending disasters using state-of-the-art technologies, but sans data communication, their efforts and even their very existence would be rendered futile.

This has been the challenge bearing down on the Science and Technology Information Institute, and STII has been able to see it through.

In the case of Yolanda, the extent of damage and loss of lives cannot just howl down the efforts of the government because more lives had been spared. More people now refer to us because we have made them feel we are just here, giving them all the information they need to avert a disaster. Where there's ignorance, we persistently inform. Where there's doubt, we enlighten and convince. And where there's reluctance to communicate, we take the initiative to touch base. That is what the DOST does through the STII.

With the STII, more and more people are made aware of our technologies, how they work, how they could uplift their lives, and how they could make our country a Smarter Philippines. Now, we are better understood and appreciated. For this, the STII certainly deserves a pat on the back.

Congratulations to the men and women of the STII for a job well done.

Mabuhay!

MARIO G. MONTEJO

MESSAGE

I am pleased to present the 2013 Performance Report of the Science and Technology Information Institute (STII).

In its pages you will find the narrative summary of the Institute's major achievements in fulfillment of its stated mandates for the year. It was a trying time not only for STII and the Department of Science and Technology but especially for the entire Filipino nation, as the country was devastated in the last quarter of 2013 by a slew of unfortunate events most especially Typhoon Yolanda—which brought about unprecedented destruction to property and lives in Eastern Visayas and beyond.

The need to get engaged by breaking new ground is never more urgent than today. We take our cue from the example set by DOST Secretary Mario G. Montejo, whose leadership underscores the fundamental importance of applying scientific knowledge and technological applications toward long-standing problems and issues confronting Filipinos, particularly the poor and disenfranchised. To be able to make a difference is foremost in all his programs and initiatives.

As such, the Institute continues to pursue major projects and activities that depart from the norm not only in their orientation but also in their sense of purpose. The talented men and women that comprise the Institute have done a good job pairing their innovative thinking with compassion to meet the new and emerging challenges of today and the days ahead.

We at STII remain dedicated in promoting the greater use of S&T information to influence and move Filipinos toward making better decisions, so they can manage their own lives with the force of facts. Moreover, we will continually fine-tune our programs and activities to contribute in the Aquino administration's drive to achieve a forward-looking, knowledge-driven economy through our unwavering commitment to excellence.

RAYMUND E. LIBORO

We at STII remain dedicated in promoting the greater use of S&T information to influence and move Filipinos toward making better decisions, so they can manage their own lives with the force of facts.

SMARTER INFORMATION for SMARTER PUBLIC

COMMUNICATION is a vital element that propels technology into success and opens up opportunities for an exchange of ideas and scholarly discussions which in turn provide us with feedback that will serve to enhance technology. Furthermore, it is the right tool in creating awareness and the right perception of efforts in effecting change in society through science and technology (S&T).

STII Events & Activities

Trends in Science Communication

Innovation Speak (I-Speak)
April 6, 2013
The Icon, 32nd cor 9th Avenue
Bonifacio Global City, Taguig

Lyn Resurreccion
Science Editor, BusinessMirror
External Affairs Director/
Former President, PSciJourn

We at the Communication Resources and Production Division (CRPD) of STII are continuously developing communication and information packages for our various audiences throughout the country, tailor-fit to their level of consciousness and appreciation of science, technology, and innovation. We disseminate these information materials, laymanized and popularized to make them engaging and easily understandable, through traditional and non-traditional media.

With the emergence of social media as a new active player in today's information landscape, CRPD is actively managing its own social media accounts catering to broad audiences and by far, reaching more people, not only in the Philippines but even in the far corners of the globe.

We are actively bringing disaster information to communities, especially hazard-prone areas of the country, through our various information, education, and communication campaigns. This initiative dwells largely on the maddening effects of natural calamities that hit the country every year.

Moreover, our primary responsibility is still to provide the public with substantial information materials that will spur interests and knowledge diffusion in science, technology, and innovation even to the younger generations of S&T aficionados and create a new mindset toward disaster preparedness.

DOST digest

Science scribes get DOST awards

By Aijay C. Escarcido
S&T Media Service, DOST-STII

STARBOOKS loads up content with Britannica Encyclopedia

By Angelica A. de Leon
S&T Media Service, DOST-STII

Balitang RapiDOST
ISSN 2094-6597

Dengue vector surveillance website, inilunsad ng DOST

Ni Luisa S. Lumioan
S&T Media Service, DOST-STII

Expo Science 2013 binigyang pansin ang mga DOST service at test lab

Ni Joy M. Lazcano
S&T Media Service, DOST-STII

Philippine Journal of Science

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http://philjournalsci.dost.gov.ph

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http://philjournalsci.dost.gov.ph

Issue in Memory of Leonardo L. Co (1953-2010)
the Plant Biodiversity and Conservation

EXPO science 2013

EXHIBITS EVENTS OPPORTUNITIES

HOUSE OF REPRESENTATIVES
16th CONGRESS 2013 - 2016

S&T POST

Vol. XXXI No. 1
FIRST QUARTER 2013

Smarter Philippines

S&T POST

VOL. XXXI No.2
2ND QUARTER 2013
www.dost.gov.ph

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Smarter, dirt-proof paint technology

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Beefing up disaster preparedness, genomics research in PH

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S&T POST

VOL. XXXI NO.3
JULY-SEPT 2013
ISSN 0116-7766

Local technology works!

NOW SHOWING
SETUP success stories

SETUP: Touching lives thru science

Gem job: Geology Rocks!

Basilan's first DOST scholar

DOST-UK-RD Rosario Nazareth Menzame is GAWAD CES Presidential awardee

Safe drinking water for more Pinoys

www.dost.gov.ph

S&T POST

VOL. XXXI NO.4
ISSN 0116-7766

DOST 8 OUTCOMES
Developing and optimizing science, technology and innovation for inclusive growth

- Agriculture
- Enterprises
- Industries
- IT-BPM
- Connectivity
- Health
- Education
- Disaster preparedness

Check out our special pull-out pages!

www.dost.gov.ph

Science and Technology Information Institute

15

Various publications from STII are given free to readers who want to know more about the developments in science and technology in the country.

At present, we are not just developing science-based information. We are also entering a greater challenge as we usher a new age of information, the age of smarter information for the public.

CLIENTS

We serve various clients with varied needs and interests. And the need to deliver information is a great challenge for the division as it has to tailor-fit every information to each and every segment of its audience.

As such, CRPD is continuously in search of fresh ways of delivering information to the multi-level public. What we are striving for is to develop a new breed of S&T ambassadors armed with wisdom and able to translate S&T information into a powerful tool that transcends the technicalities and theoretics of science.

STYLIZING SCIENCE

Hence, we do more than produce techno-savvy materials and stage events. We keep in step with current technologies, lifestyles, and preferences in order to come up with the right strategy for better and more timely communication. Part of this strategy is to stylize the information we present in order to make science look "sexier" to the general public. Science information made more attractive, is easier to understand, more exciting to talk about, and therefore more interesting. With the slew of technology applications and social media platforms presently invading the public consciousness, science made sexier even becomes more entertaining, thus allowing more people to be aware of it and appreciate its impact on our daily lives.

S&T PROMOTIONS

Coming from a milestone year, CRPD continues to flourish in the diffusion of S&T.

Evidently, for this year, the Public Affairs Unit (PAU) of CRPD which handles media relations of the whole DOST system has monitored 6,347 DOST related news valued at Php 179,625,387.02 (a 35% increase) compared to the PhP62,932,835.97 in the previous year, and some 2,895 broadcast news for the year.

The Public Affairs Unit also handles media coordination for live or phone interviews on radio and TV.

As a result, the unit arranged 762 radio and television interviews and assisted 108 clients in staging press conferences and other media events.

On the other hand, the Content Development and Editorial Unit (CDEU) was able to develop 492

broadcast news releases in English and Filipino. Meanwhile, 495 news releases and 54 photo news releases were disseminated to 770 national and local news outfits and media practitioners. These releases were either STII-developed or repackaged releases from other DOST agencies and offices.

The Content Development and Editorial Unit also published 157,000 copies of its monthly publications: Balitang RapiDOST, DOST Digest, and the quarterly S&T Post. Both Balitang RapiDOST and DOST Digest are printed at 5,000 copies each per month and are distributed to more than 4,000 recipients from the academe and government institutions.

photo and video docu

A video shoot by the Audio-Visual Unit.

umentation

Capitalizing on social media as the newest channel for information diffusion, CDEU generated 137,234 activities on its Facebook account. These interactions with its audience generated various activities in social media such as news sharing and reposting. Aside from Facebook, CDEU also has a Twitter account which likewise helps strengthen our efforts at information sharing.

On the other hand, CRPD's Audio-Visual Unit (AV) had a total of 865 viewers for its film showings. It serviced all 178 requests from DOST and other DOST attached agencies. It also developed 57 AV packages by way of script development, video shoot, post-production services, and voice over. In addition, AV also completed 448 AV technical services consisting of photo-video documentation and set-up for DOST events.

CRPD also spearheaded the promotion of the National Science and Technology Week (NSTW) celebration. For the first time in NSTW's history, promotional materials - such as banners, flyers, and the NSTW AVP - were installed, shown, and disseminated at the arrival area of the Ninoy Aquino Airport Terminals 1 and 2. It was also the second time that CRPD organized promo girls disseminating NSTW flyers at the Metro Rail Transit terminal in Pasay City. Another first was CRPD's visit to various government agencies such as the Department of Health and the Department of Budget and Management to announce the holding of NSTW during their flag ceremonies.

CRPD was aslo instrumental in the conceptualization of Smarty - the official NSTW mascot. Smarty, which appeared in various DOST publications and promotional collaterals, was a hit during the event.

Smarty, the official NSTW 2013 mascot

EVENTS HANDLING

At the NSTW held in July, STII was behind the following events: "Biz on the Web-eCommerce Forum" for entrepreneurs; "BPO Trends and Alternative Career Opportunities"; launching of English Proficiency Software for students and professionals who want to improve their proficiency in spoken English; STARBOOKS launch with Encyclopedia Britanica; "Usapang Negosyo, Usapang Seryoso Talk Show", an entrepreneurship talk show about DOST's Small and Medium Enterprise Technology Upgrading Program assistance to new business startups; and S&T film showings.

Together with various DOST agencies, STII also staged the following mini-events:

ICTO activity for NSTW

IRAD in collaboration with ICTO helped organize event segments for NSTW: the "Start-up Forum" and "IT-BPM Career Talk." IRAD rendered assistance for online and on-site registration and overall conduct of activity.

Bamboo Live

A week prior to the main NSTW celebration, STII facilitated the conduct of "Bamboo Live: Forum on Bamboo Processing and Utilization Technologies" on July 17 at the Forest Products Research and Development Institute (FPRDI) in Los Baños, Laguna. It was attended by stakeholders from various sectors such as industry, agriculture, LGU, academe, and others. Bamboo technology experts from FPRDI presented a lecture followed by a plant visit/demo for participants to see FPRDI's bamboo flattening machine and the bamboo veneer lathe technologies. A field visit was likewise conducted for them to see the model bamboo house at the Philippine Council for Agriculture Aquatic and Natural Resources Research and Development (PCAARRD) compound in Los Baños, Laguna.

JuantaSTic! Agri na, Aqua pa!

The "JuantaSTic! Agri na, Aqua pa!" was another event organized by STII with PCAARRD as lead agency. Held on July 26, 2013, it was sub-titled "Matalinong Juan, Aasenso sa Agrikulura at Pangisdaan" - a series of technology business fora featuring technology clinics after each session. With these clinics, participants were able to consult the speakers regarding the technology featured in the forum. Complementing product displays about the featured technologies were also showcased during the event. Some of the technologies and issues discussed were Smart Farming Techniques, PCAARRD's Hydroponics Program, Business Opportunities in Lettuce Production and Cocosugar, Detection of Diseases in Pigs/Swine and Shrimp, among others.

Launching of Brown Rice Recipe Book and Cooking Demo with Celebrity Chef

The event was undertaken with the Food and Nutrition Research Institute (FNRI) as the lead agency. Brown rice is one of DOST's solutions to address food security by encouraging its consumption as a staple food by more Filipino households. DOST also aims to promote brown rice as a healthier option to white rice.

The event started with an aerobics exercise program and a lecture on health and nutrition. In addition, there were interactive booths on nutrition and health assessment, web-based information and applications on nutrition and weather alerts, and other related activities for Smarter Living. The event was highlighted by a cooking demo using the brown rice recipes developed by FNRI as well as the launching of the Brown Rice Recipe Book.

These activities are just some of the many reforms which STII, through CRPD, is introducing to NSTW to add value to the annual event and spark greater interest in S&T among the Filipino youth.

Lending valuable support for these projects and activities is CRPD's Creative Services and Design Unit. The group is tasked to conceptualize and produce

BAMBOO LIVE Forum

JuantaSTic! Agri na, Aqua pa!

BROWN RICE RECIPE BOOK Launch

DOSTv collaboration

2nd RICE in MIMAROPA

the wide range of paraphernalia needed to promote its various initiatives and inform its audience -- from publication covers, flyers, and brochures to posters, banners, and tarpaulins. Additionally, the unit is also in charge of circulation as far as the publications are concerned.

NURTURING PARTNERSHIPS

Project promotion is one of DOST's logistical challenges.

However, CRPD was able to handle this challenge by partnering with various organizations and institutions in leveraging the challenges and delivering our mission of pushing the good news to everyone.

First and foremost, CRPD was able to partner with various DOST attached agencies in strengthening our grasp at the print media by providing regular news releases from the agencies as well as home developed news articles for dissemination.

Dr. Caesar A. Saloma presents a copy of the PJS Special Issue to the late Dr. Leonard Co's younger sister during the 2nd International Symposium by the Philippine Native Plants Conservation Society on November 16, 2013 at Pampanga State Agricultural University, Magalang, Pampanga.

Also, the DOST regional offices were perpetually helping us by providing us with regular news on their localities and inviting CRPD to document and cover their events in the regions.

Other government institutions and the academe are also very supportive of CRPD as they accommodated our invitations for expert interviews to be featured in our in-house publications.

PHILIPPINE JOURNAL OF SCIENCE

The Philippine Journal of Science (PJS) is a DOST publication managed by STII. First published in 1906, PJS is a journal on natural sciences, engineering, mathematics, and social sciences under ISI coverage.

For this year, PJS was able to publish its regular June issue both online and in print. It also launched the PJS Special Issue in memory of Dr. Leonard Co during the 2nd International Symposium by the Philippine Native Plants Conservation Society on November 16, 2013 at Pampanga State Agricultural University, Magalang, Pampanga.

Dr. Caesar A. Saloma, with the late Dr. Co's younger sister, browses the PJS Special Issue.

HIGHLIGHTS OF 2013

Juan Time

Last May 15, President Benigno S. Aquino III signed Republic Act 10535 or the Act to set the Philippine Standard Time (PhST) and ensure that all watches, clocks, and timepieces all over the country are synchronized to PhST. RA 10535, now known as the Philippine Standard Time, can be traced to the efforts of CRPD in pushing the *Juan Time, the New Filipino Time* campaign which recognizes the importance of following the standard time set by the Philippine Atmospheric, Geophysical, and Astronomical Services Administration. Through CRPD's efforts, *Juan Time* is no longer just a promotional gimmick. It has also transcended into a law that compels every Filipino to follow the official time and eliminate the notion of tardiness often associated with Filipinos.

This milestone event marks the significance of STII as DOST's main think-tank in the promotion of S&T through fresh, innovative approaches and meaningful events that spur the interest of the public in S&T.

Automated Guideway Transit (AGT):

The Philippines moved a step closer to the realization of a new, locally developed and fully automated transport system as President Benigno S. Aquino III boarded the Automated Guideway Transit or AGT last April during the "Demonstration

Secretary Mario G. Montejo during the AGT test run.

Casey Hyun, chief designer of Hyundai Design Center, sketches an image of a sleek vehicle – typical of Hyundai automobile products – on a white board in front of DOST officials and employees, AVID members, Hyundai representatives, policymakers, and media practitioners during the Innovation Congress. The impromptu sketch was part of Mr. Hyun's talk about his personal development as a car designer, partly traced to a few years spent in the Philippines in his younger days.

Run with PNoy" – AGT's official debut launch – at its testing site at the University of the Philippines (UP) Diliman.

A flagship project under the leadership of Sec. Mario G. Montejo in collaboration with U.P., the AGT is an elevated and "driverless" train that is electrically powered and emission free. It is capable of transporting up to 60 passengers from station to station, like the AGTs or monorails in other countries and the rail transit systems in Metro Manila. Now in its "testing phase," the AGT may be built within central business districts like Makati and Bonifacio Global City and serve as a link between Ninoy Aquino International Airports 1, 2, and 3.

ICON Congress

DOST in collaboration with the Association of Vehicle Importers and Distributors (AVID), has put the country on the starting block of the road toward innovation with the mega techno event billed as The Innovation Congress, or ICON, last April 5-7, 2013 at the Bonifacio Global City in Taguig. ICON focused on the future of mobility in the Philippines especially where the automotive and transportation sectors are concerned in the face of emerging technologies and global markets. The event also tackled the role of innovation in other industries as it aims to inspire a techno-centric way of thinking among industry players and allow the country to pick up speed as it navigates the road toward sustainable economic development. Activities held during ICON were the Innovation Forum - a series of discussions on the theme "Action Towards Viable Innovation for Development"; "Innovations in Science Communications"; and the "Innovation in Mobility Expo" - an exhibit of eco-friendly and fuel-efficient automotive products.

Gawad Scriba: DOST Media Awards for Science Communicators

DOST-STII gave recognition to the country's top science journalists and media advocates of 2013 through the conferment of the Gawad Scriba: DOST Media Awards for Science Communicators during the closing ceremony of the NSTW last July 27, 2013 at SMX Convention Center in Manila. Awardees for the Professional Category were Paul Icamina of Malaya for print, TJ Dimacali of GMA News Online for cyber press, Dr. Custer Deocaris of Radyo Agila for radio broadcast,

Melly Tenorio, program host of DZRB and president of PSciJourn, delivers the welcome remarks during the Innovation Forum of The Innovation Congress or ICON.

(From left) DOST Undersecretaries Louis Napoleon C. Casambre and Fortunato T. de la Peña and Assistant Secretary Raymund E. Liboro (far right) with the 2013 Gawad Scriba awardees Dr. Custer Deocaris of Radyo Agila for radio broadcast, Paul Icamina of Malaya for print, and Donna May Flavier of Panahon TV for television (holding the trophies) during the closing ceremony of Expo Science 2013 in celebration of the National Science and Technology Week last July 27 at SMX Convention Center.

and Donna May Flavier of Panahon TV for television. DOST also gave special citation to Dr. Ronald M. Henson for his book, "Popularizing Science thru Mass Media," which illustrates how simple but informative writing can appeal to a wide audience. Another special citation was given to Business Mirror, in appreciation of its unceasing support to and extensive coverage of science and technology related events and activities. The panel of judges included Dr. Maria Theresa Velasco, dean of the College of Development Communication in UP Los Baños; Erwin Oliva, senior lecturer at UP Diliman; and Rene Pizarro of Hyundai Asia.

ADMATEL

Aiming to make the Philippines the new buzzword in the manufacturing sector, ADMATEL, or the Advanced Device and Materials Testing Laboratory ushers in a milestone in the local business scene by becoming the very first testing laboratory in the country. Launched last May 31 at the DOST Compound – an occasion graced by President Benigno Simeon Aquino III, Semiconductors and Electronics Industries in the Philippines, Inc. President Dr. Danilo C. Lachica, DOST officials, and other industry stakeholders – ADMATEL is a two-storey facility which meets the ISO 14644-1 standard for Class 100k clean room.

Funded by DOST's attached agency, the Philippine Council for Industry, Energy and Emerging Technology Research and Development, ADMATEL's first floor houses common core facilities for failure analysis and testing laboratories on measurement/metrology, standards, testing, and quality assurance. Among these top-of-the-line equipment are the Focus Ion Beam-Field Emission Scanning Electron Microscope which exposes defects in the Integrated Circuit, the Scanning Electron Microscope with Energy Dispersive X-ray which is a high-resolution imaging tool that can perform chemical characterization of a sample, the Auger Electron Spectrometer which analyzes the surface composition of a material, and the Time of Flight Secondary Ion Mass Spectrometer which analyzes the composition of solid surfaces.

Aside from generating significant savings for companies and shortening turnaround time from one month to four days, ADMATEL also promises to boost productivity, product and service quality, and industry capability on new and advanced technologies while increasing the company's bottom line.

ADMATEL Launching

Above all, ADMATEL has the potential to propel the Philippine semiconductor and electronics industry into the upper rungs of the global market.

Biotechnology Week

The 9th National Biotechnology Week, with the theme "Biotechnology for Environment, Health, Beauty, Livelihood and Progress" got underway from November 25-29, 3013 at the Arroceros Forest Park in Manila. A joint project of the Department of Education in partnership with DOST and other government agencies, Biotech Week aimed to highlight the impacts

STII's poster entries which made their way into the finals of the DOST-NAST Annual Scientific Meeting Best Scientific Poster Awards.

of biotechnology on various sectors namely health, environment, industry and agriculture specifically on the aspect of food security. The two-day event featured exhibits, seminars, career talks for high school students, introduction to biotechnology for science teachers in elementary and secondary levels, industry visits, and fora about biosafety, nutrigenomics for adults, and human forensics. A book launch, biotechnology short film competition and the Jose Burgos Jr. Awards for Biotech Journalism were also held.

DOST-NAST Annual Scientific Meeting Best Scientific Poster Awards

2013 also marked a historical first for STII. For the first time, the institute submitted two entries to the DOST-National Academy of Science and Technology's Annual Scientific Meeting Best Scientific Poster Awards.

These posters were eventually selected as finalists in ceremonies held at Manila Hotel on July 10-11, 2013.

One of the entries was titled "Knowledge of OL Trap Users on Mosquito, Dengue, and OL Trap as Basis for Comics Development to Promote OL Trap Use." This poster was for a study that aimed to determine people's knowledge of dengue and the Ovicidal-Larvicidal (OL) Trap which was developed by the Industrial Technology Development Institute to combat the dengue virus. The study, which surveyed 265 people from five communities in Davao del Sur, Benguet, and Negros Occidental, was undertaken to lay the basis for developing comic magazines as information materials for the promotion of the OL Trap.

The second entry was titled "Finding a Niche: Training Needs Assessment for Filipino Inventors" which used the findings from focus group discussions among Filipino inventors to identify their training needs.
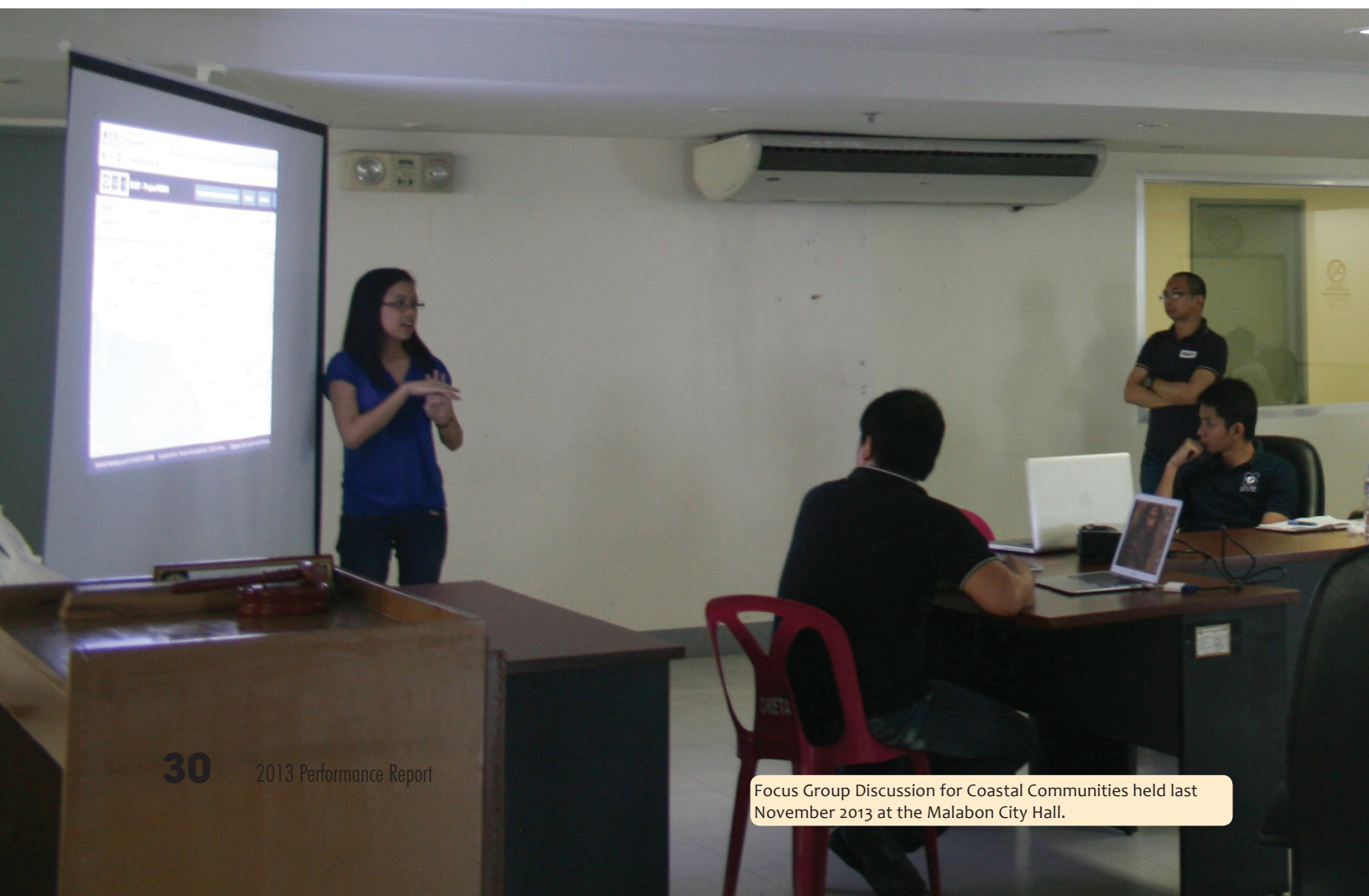
Focus Group Discussion for Coastal Communities held last November 2013 at the Malabon City Hall.

On July 6, 2012, upon the directive of President Benigno Simeon Aquino III, DOST launched the Nationwide Operational Assessment of Hazards, more popularly known as Project NOAH. It aims to provide weather and hazard information and disseminate them to various publics by using advanced tools such as the NOAH website.

PROJECT NOAH Nationwide Operational Assessment of Hazards

Strategic Communication Intervention (StratComm) Component

The extreme weather conditions (typhoons Ondoy, Pablo and Sendong) over the last few years have prompted the national government to study and create a comprehensive and responsive disaster management tool using state-of-the-art technologies to mitigate disasters and reduce the risk to lives and properties.

On July 6, 2012, upon the directive of President Benigno Simeon Aquino III, DOST launched the Nationwide Operational Assessment of Hazards, more popularly known as Project NOAH. It aims to provide weather and hazard information and disseminate them to various publics by using advanced tools such as the NOAH website, mobile apps and other traditional and non-traditional communication materials. To generate greater public awareness and appreciation for these DOST technologies, the "Strategic Communication Intervention for the NOAH Program " or StratComm was developed.

1ST QUARTER 2013

Project NOAH-StratComm made a number of enhancements on the website, making it more informative and responsive.

Data streaming allowed the gathering of vital information on newly-installed automated weather stations (AWS), automated rain gauges (ARG) and automated water level monitoring stations (AWLMS).

The team of IT specialists working on the website also developed a prototype auto-tweet system for the MTSAT, Doppler radars, and contour imagery.

The project also incorporated innovations applicable to smartphones and handheld computing devices like the ARKO Flood Map mobile app (both IOS and Android platforms) and the Flood Patrol mobile app for Windows phone.

In the pipeline is the development of online tide gauges to be included in the NOAH website.

To arm ourselves with additional skills and knowledge, our team joined the Information Technology for Development Forum at the Asian Development Bank (February 27 to March 1, 2013), and the Digital Now! Philippine Cable TV Association at the SMX Convention Center (March 19 to 22, 2013).

Likewise, different communication avenues were explored via the following: partnering with the Philippine Cable TV Association for the all-weather channel DOSTv, using the SMART Infoboard, and printing of Project NOAH brochures.

2ND QUARTER 2013

IEC seminars:

- Region 6, Bacolod City, April 10
- Region 6, Iloilo City, April 12
- Region 11, Davao City, May 24
- Region 2, Tuguegarao City, June 19
- Region 5, Legazpi City, June 24
- Region 8, Ormoc City, June 27
- Region 3, Bulacan,* June 5 & 6
- Region 3, Pampanga,* June 10, 11 & 13
- Region 3, Bataan* and Tarlac,* June 14

....

Project NOAH-StratComm gave presentations and conducted workshops for DILG officials and LGUs covering 375 barangays that were identified as flood-prone areas in Region 3.

....

Project NOAH-StratComm made presentations for the Science Education Institute's "Strengthening the Capacity of Science and Mathematics Teachers on Disaster Risk Reduction and Management" participated in by 200 teachers and disaster risk reduction management (DRRM) officials in the following:

- CARAGA (Butuan City), April 16
- Region 4-A (San Mateo, Rizal), April 23
- Cordillera Administrative Region (La Trinidad, Benguet), May 7
- Samar State University, May 21

In addition, we created a blog (blog.noah.dost.gov.ph) to serve as a digital platform for featuring the latest updates and developments about Project NOAH.

In various stages of development are the Project NOAH website tutorial video, promotional video and formulation of DOSTv programming.

3RD QUARTER 2013

IEC seminars:

- Metro Manila Disaster Summit in conjunction with the 2013 National Science and Technology Week, SMX Convention Center, July 23
- National Forum on Disaster Preparedness and Response, Crowne Plaza Hotel, July 25
- Regional Summit on DRRM for Chief Executives, Marikina City Convention Center, August 6
- SMART ICON Discussion Series, Smart Tower, Quezon City, September 12
- Region 1 IEC, Oasis Country Resort Hotel, San Fernando, La Union, September 19

Other communications interventions:

- Formal launch of the MOSES Tablet during the Metro Manila Disaster Summit, July 23
- Formal launch and distribution of the ALERT SIM cards (Talk'n Text/Smart) to selected LGUs in Metro Manila, PAGASA Science Garden, September 17
- Exploratory Meeting with GMA-7 News and Public Affairs officials on improving content and delivery of weather information, GMA Network Center, August 30
- Radio interview on Habagat episode, DZIQ 990, August 24

4TH QUARTER 2013

IEC seminars:

- Cordillera Administrative Region, Baguio City, October 17 - 19
- Region 4-A (CALABARZON), Tagaytay City, November 3 - 4
- CARAGA, Butuan City, November 7 - 8
- Region 4-B (MIMAROPA), Calapan, Oriental Mindoro, November 11 - 12

Focus group discussions (FGDs) on "Understanding and Appreciation of Weather Information" in collaboration with the Communication Resources and Production Division (CRPD):

- Lower Bicutan, Taguig City, November 13 (for inland communities)
- Malabon City, November 14 (for coastal communities)

As a result of these FGDs, which were facilitated by CRPD chief Dr. Aristotle P. Carandang, we were able to come up with documentation and statistical analysis reports on the subject matter.

Other activities conducted and participated in by Project NOAH-StratComm:

1. 12th National Convention on Statistics, EDSA Shangri-La, October 2
2. Mindanao Cluster Fair on S&T, Butuan City, November 6 - 8
3. DOST-NCR Stakeholders' Conference, DOST Executive Lounge, December 5
4. PAGASA Media Seminar for NCR sponsored by DOST-PAGASA, Zambales, December 7 – 9
5. Health and Energy Conference sponsored by the Department of Energy, Sulo Hotel, QC, December 9
6. ASEAN Regional Conference on Disaster Preparedness, Hotel Rembrandt, QC, December 11
7. Media Walk-through on Project NOAH Website sponsored by PCIEERD, La Breza Hotel, QC, December 17
8. Launching of Raincheck.ph mobile app developed by Voyager Communications, December 2013

OTHER COMMUNICATION INTERVENTION INITIATIVES

As support initiative, we produced some 18 traditional press releases disseminated to leading broadsheets through STII's Public Affairs Unit.

We also produced campaign posters for the DOST-led "Adopt-a-Family Program" for Typhoon Yolanda victims. Consequently, our team extended full support to this initiative through the use of social media platforms (Facebook, Twitter) for two to three weeks starting November 5 in cooperation with PAGASA, Project NOAH, ClimateX and other institutions.

In the pipeline are three designs for an institutional brochure that will replace the first brochure. The new version will provide a step-by-step walk-through of the website navigation procedure.

Digitizing S&T Resource Collection
for Smarter Communities

Tasked to build and manage the wealth of S&T information resources available in the country, Information Resources and Analysis Division constantly updates and balances its collection of scientific and technological information for all types of users.

STARBOOKS

The *S&T Academic and Research-Based Openly-Operated Kiosks (STARBOOKs)* are access portals in key areas in the Philippines where residents can have access to the scientific information physically available at DOST (SciNeT), Philippine eLib project sources, freely-available online resources, and subscribed databases (if any).

No. of inquiries (on STARBOOKS)	80
No. of requests to avail	70
No. of installations	
STII	56
Regional Offices	48
No. of trainings/orientations	26
No. of pending/cancelled requests (due to earthquake, typhoon Yolanda)	5
No. of sites destroyed by Typhoon Yolanda	59

Initiated by the Information Resources and Analysis Division, coordination was done for the possibility of availing Britannica Online for STARBOOKS. The idea was to "subscribe" to Britannica Online and incorporate it to STARBOOKS at a discounted price. It was only in February 2013 that a formal agreement was signed to include Encyclopedia Brittanica via offline access through installation CDs.

Distribution of STARBOOKS with and without Britannica Encyclopedia

Region	Number of Sites	Remarks
Region 1	7	Without encyclopedia
Region 2	1	1 site with Britannica Ultimate Encyclopedia
Region 3	4	Without encyclopedia
Region 4-A	1	1 site with Britannica Ultimate Encyclopedia
Region 4-B	4	Without encyclopedia
Region 5	22	13 sites with Britannica Ultimate Encyclopedia
Region 6	3	3 sites with Britannica Ultimate Encyclopedia
Region 7	8	3 sites with Britannica Ultimate Encyclopedia
Region 8	8	Without encyclopedia
Region 9	25	20 sites with Britannica Ultimate Encyclopedia
Region 10	5	5 sites with Britannica Ultimate Encyclopedia
NCR	4	4 sites with Britannica Ultimate Encyclopedia
CAR	12	Without encyclopedia
Total	104	51 sites with Britannica Ultimate Encyclopedia

Currently, coordination activities are ongoing in 181 sites nationwide for the possible installation of STARBOOKS.

DOST RO II (Batanes – 2, Cagayan – 2)	4 sites
DOST RO IV-A (Rizal, Quezon, Los Baños)	3 sites
DOST CAR - Apayao	49 sites
DOST RO VI (Antique, Capiz)	2 sites
DOST RO NCR	2 sites
DOST RO III (Bataan, Aurora, Tarlac)	2 sites
DOST RO V (Sorsogon)	52 sites
DOST RO VII (Dumaguete, Cebu)	2 sites
DOST RO IX (Zamboanga)	2 sites
NCR (St. Jude)	1 site
DOST-ARMM	1 site
DOST Regional Office X	2 sites
DOST Regional Office VIII	59 sites

STARBOOKS sites in the Philippines:

Readers' Services

The Information Resources and Analysis Division remains to be the repository of S&T information in STII. In 2013, it has improved its products and expanded its services.

The division is composed of two sections: the Library Section and the Documentation & IT Section. The latter is tasked to manage IRAD's online products and undertake its various services.

Meanwhile, under the Library Section is the STII library, home to various researchers (students and professionals) who come to access S&T related publications, some of which can only be found here.

While library services make up IRAD's basic services since it started over 25 years ago, it also boasts of significant and groundbreaking products. Among these are information resources, the Philippine Science and Technology Abstracts (PSTA), and the Philippine Men and Women of Science (PMWS) publications. In fact, PSTA and PMWS are among the oldest of IRAD's products.

Among the division's latest initiatives are its digital and online resources, the science.ph website, and STARBOOKS. These proved to be effective vehicles in making S&T information widely available all over the country.

LIBRARY SERVICES

The challenge of the Library Services is how to make its services remain relevant despite the latest technological developments that allow faster access to information almost anywhere, anytime, as compared to browsing through voluminous library materials. The Library is keeping its commitment to serve and nurture the quest for information by trying to keep abreast of technological trends in libraries overseas. It has fulfilled this by going digital.

IRAD is now moving on to digitize its collection to be able to share its resources to more partners, even outside DOST. Walk-in clients, however, who come from as far as Rizal, Batangas, Laguna, Cavite and Bulacan, still flock to the library - proof that basic library service is still in demand, despite the advent of technology.

However, we are aware that in order to hurdle these challenges, a lot of work still needs to be done.

Collection Development

The STII serves as the library and information arm of the DOST Central Office as well as other DOST agencies which cannot provide for their respective library and information requirements. The Information Resources and Analysis Division commits itself to this role by annually investing in the development of its collections.

In 2013, the Library acquired 1,557 books, serials, CD/ROMs, theses/dissertations, and vertical files through purchase, subscription, publication exchange, donation and complimentary. A rare copy of the 1678 edition of the Encyclopedia Britannica was donated to the Library during the 2013 NSTW by Thistle International. The Division prepared eight acquisitions lists of new materials acquired by the Library for the year.

In addition, 39,330 titles of full text S&T materials on chemistry, biology, energy resources, disaster risk management, biodiversity, industry, engineering, mathematics as well as gender and development were searched and downloaded for free from specialized databases available from the Internet.

Technical Processing

Information resources need to be processed and organized to facilitate access and retrieval by the librarians and users. For the year, 723 multimedia materials were catalogued and classified. These include books, serials and periodicals, non-prints, theses and dissertations. Aside from cataloguing and classifying the collections, 393 serial titles with 1,107 issues were received and recorded, while 1,770 S&T materials were provided accession numbers, labelled and stamped with stamp of ownership.

Content and Database Management

The DOST ScINET-Phil integrated library management system (DOST SILMS), a homegrown integrated library management system, serves as a tool for the organization and management of S&T information not only within the STII library, but also in other DOST system libraries. In 2013, the DOST ScINET database increased its content by 7,681 new records and 19,420 subject headings for access and retrieval. Likewise, 2,916 records were updated for completeness of information.

The profiles of 77 new scientists for the Scientists Database were gathered and evaluated. Of these, 52 profiles were added to the database including 2,887 bibliographical information of their works.

Moreover 1,912 and 945 authors' abstracts were prepared from foreign serial articles and Filipiniana articles, respectively.

Readers' Services

While the popularity of online information is steadily growing, the number of visitors to our library keeps growing.   Reading room services were temporarily suspended from January-June 2013 due to the electrical rehabilitation in the Institute and from January-September 2013 due to the general cleaning and upkeep of the Library. Books, materials, and shelves gathered so much dust and dirt that reading room services had to be suspended.

However, the Library's online services through the scinet.dost.gov.ph were made available. 649,857 users were served for the year, including 874 walk-in clients upon resumption of library services in September 2013.

The library circulated and shelved 2,732 S&T materials to walk-in clients during the year with engineering, chemistry and botany as the leading topics of research. Moreover, 4,719 pieces of S&T materials were shelved for accessibility and ease of retrieval.

A client feedback survey form was completed in July 2013 and library services were rated 92.10% in terms of client satisfaction and 95.20% in terms of providing information within 5 minutes. Likewise, poll survey results from science.ph users indicated a 73.25% rating which means users found the site very helpful.

Meanwhile, sex disaggregated data of walk-in clients showed that 508 female and 366 male users availed library services in 2013.

Digitization Initiatives

The digitization effort of the Division continues to keep up with the trends in information processing and handling. This initiative was started in 2005 through the Philippine eLib project.

For 2013, 807 titles with 43,894 pages were digitized while 741 article titles with 43,492 pages were reviewed for accuracy.
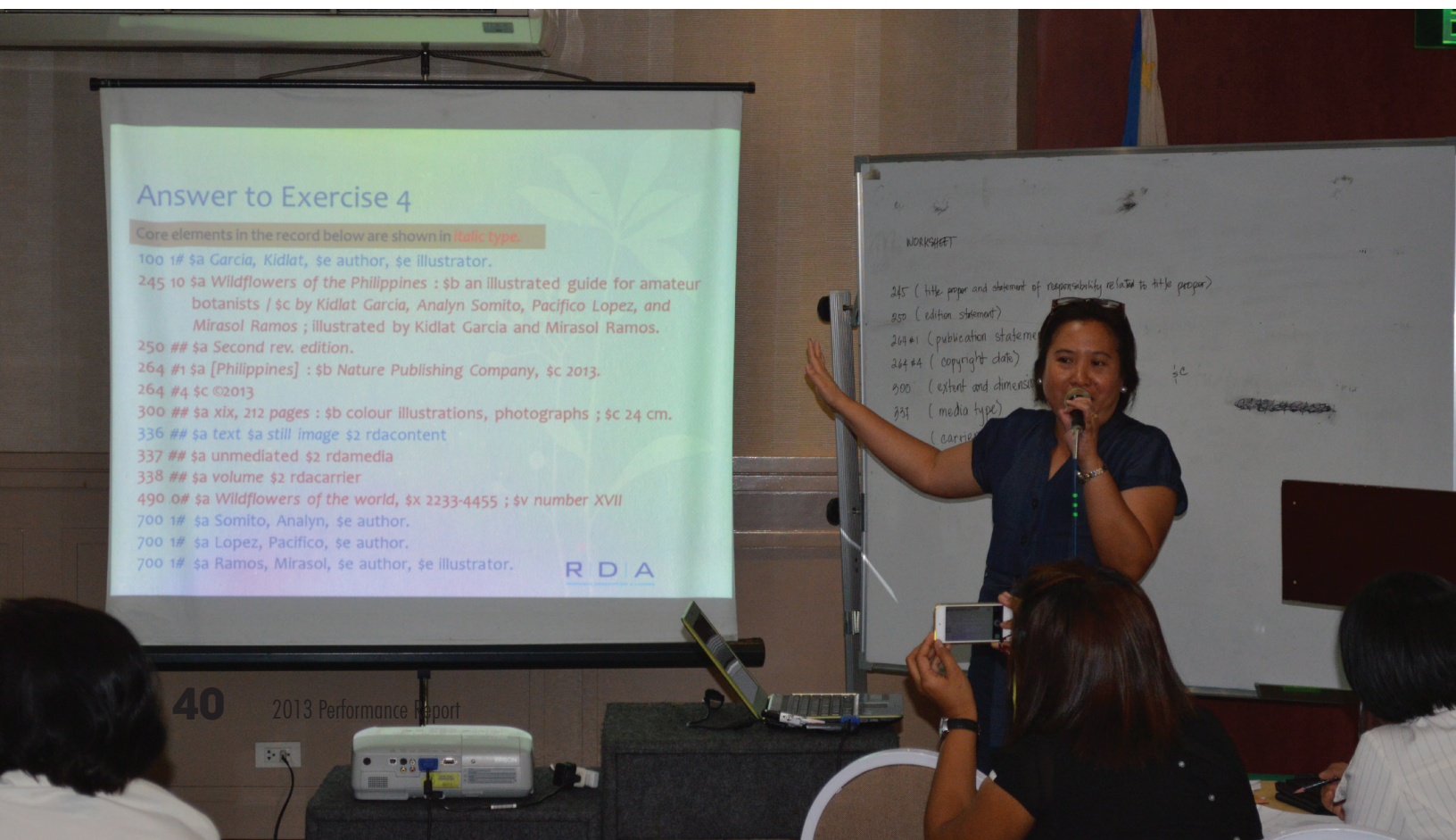
1, 091 full text articles were uploaded in the DOST ScINET-Phil's online public access catalog for access and retrieval.

Meanwhile, uploaded to the Philippine eLib portal as part of DOST's collection through STII were 369 full text materials, as well as bibliographic information of 2,958 serials and 10,044 books, respectively.

533 records were verified and reviewed for re-uploading to STARBOOKS and 999 records were updated .

Training and Consultancies

A total of 64 trainings and consultancies were provided by the Division including IT orientations for academic institutions, library consultancy on library organization and management, SILMS training, STARBOOKS orientation and installation for stakeholders, and consultation with content partners for science.ph.

Networking and Linkages

IRAD has also maintained its active participation in the Medical and Health Librarians Association of the Philippines (MAHALP), Nutrition Information Network (NUTRINET), the Philippine e-lib and other information agencies.

A seminar-workshop on Resource Description and Access (RDA) compliant library system for the DOST ScINET-Phil was also organized at the Hotel Kimberly Manila on May 15-17, 2013 to introduce a new cataloguing standard to ScINET members. La Salle Library Director Anna Maria Fresnido and UP Diliman Library Cataloguing Unit Head Annelyn Lim, served as resource persons. With this new cataloguing standard, the Division convened a core group from the DOST ScINET-Phil representatives which met from December 5-6, 2013 to formulate the RDA compliant cataloguing policy. A meeting was also convened to revisit the ScINET organizational structure and MOA and determine if the network is still relevant. In addition, the representatives also met up to learn new resources of S&T information and discuss the possibility of acquiring these resources.

The agency also participated in Adopt-a-Library Project together with NUTRINET with Laguna Polytechnic University in Sta. Cruz, Laguna as the first project beneficiary.

DOCUMENTATION AND IT SECTION

Systems Improvement

STII, through IRAD, is among the pioneering institutions when it comes to databases. To date, the IT team of IRAD manages five systems dedicated to finance and administrative operations and eight systems which are intended for S&T content and resource dissemination.

Online Publications

IRAD's two publications – the Philippine Science and Technology Abstracts (PSTA) and the Philippine Men and Women of Science (PMWS) -- are made accessible through science.ph and the STII website. IRAD's long-term goal is for its online products to be of benefit especially to countryside users.

In the last two years, there has been a steady increase in the record input of the PSTA, largely due to the availability of staff in charge with said publication.

For PMWS, formerly the Philippine Men of Science (PMS) until it was changed to PMWS this year, completed record inputs averaged 25 complete profiles. However, an unusually large number of entries in a single year was due to the presence of on-the-job trainees. The figure reflects both complete and incomplete profile records (meaning, some fields for each scientist entry, such as work and affiliation, may

or may not have information). In 2013, one permanent staff was designated to input records in the Scientists Database, to ensure the quality of data.
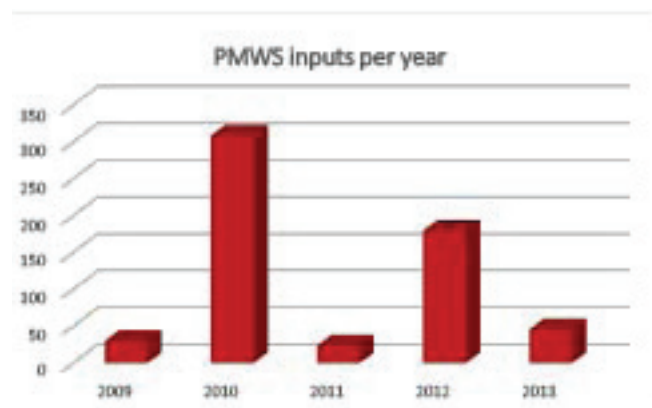
One advantage of shifting from a print to an online publication is that usage gets to be automatically

PSTA, PMWS usage monitored via recorded download.				
Volume	Date Uploaded		Downloads (as of December 31, 2013)	
	PSTA	PMWS	PSTA	PMWS
July–December 2012	July 10, 2013	April 05, 2013	875	2,408
January-June 2013	July 12, 2013	July 10, 2013	534	1,537
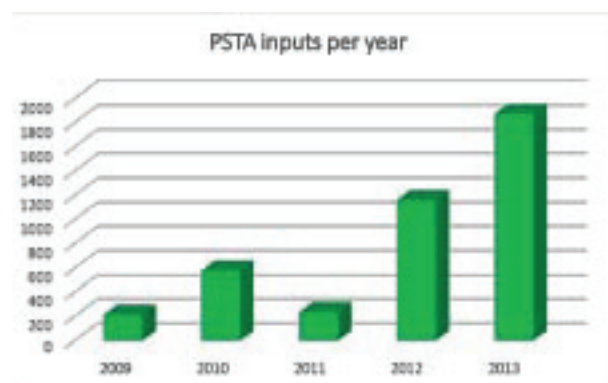
PSTA Production

PMWS Production

recorded and monitored. For the purpose of determining usage (measured by downloads), the Documentation Section counts the two succeeding issues which have been displayed for a given period.
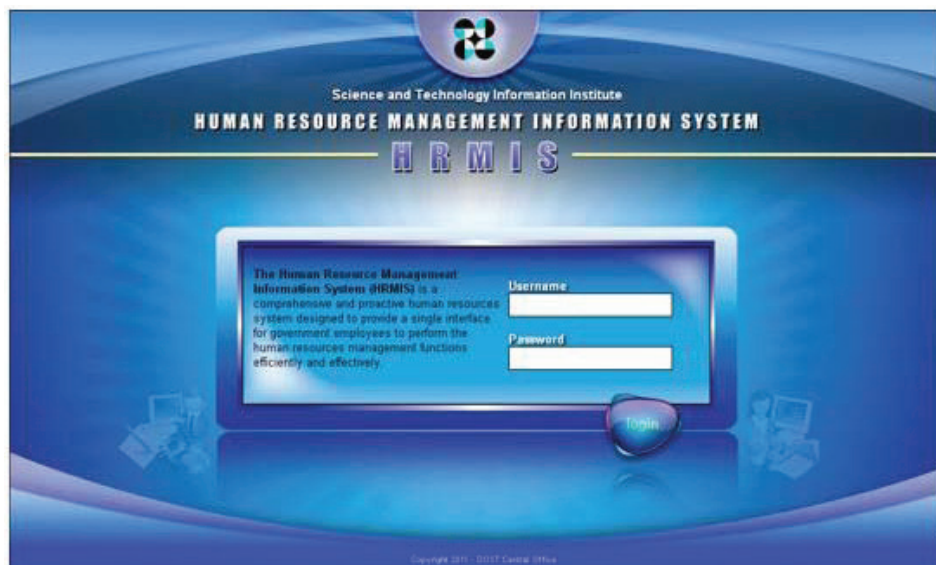
TECHNICAL ASSISTANCE

IRAD, through its IT Team, also rendered technical assistance, within and outside of the Institute. It adopted the DOST-MIS-developed Human Resource Management Information System (HRMIS) and migrated the human resource database from the old to the new system.

Adoption of HRMIS

The Old HRMIS

The New HRMIS

Director Rowen R. Gelonga with the IRAD staff, during the presentation of the RICE/NICE mock-up website in Western Visayas Region

PROJECTS AND PROGRAM INVOLVEMENTS

Selected Regional Consultations for Databases' Integration

Through funding from the Changing the Mindset Program (CTM), IRAD also initiated consultations with three regional offices: Region II, Region VI and Region XI, for possible integration of Regional/National Invention Contests and Exhibits (RICE/NICE) to STII database. IRAD staff developed a mock web version featuring the RICE entries. The data were earlier requested from regions with the most number of entries. The website page features details of entries and pictures. While the website is a work in progress, the three regions acknowledge the usefulness of such an initiative. Director Rowen R. Gelonga of Region VI expressed interest on the initiative as it aligns with their Knowledge Management efforts in the region. Mr. Sancho Maborrang of Region II commended the site for its possible significance as a tool to disseminate all RICE-related information (for all regions nationwide) and the convenience it will bring to RICE/NICE stakeholders, by allowing for categorization by date, region, classification and other information available to them. Mr. Eric Colmenares lauded the initiative as well, for it will help prevent duplication of entries since the regional entries can be viewed in one website.

Livestream coverages

IRAD provided 20 livestreaming support to various DOST events

Livestream of DOST events provided by IRAD in 2013.		
Date	Event	Agency/Institute
February 26-27	Global Pinoy Summit : Diaspora to Development February 26-27, 2013	CFO (Commission on Filipino Overseas)
April 5-6	ICON 2013, ICON Tent, Bonifacio Global City	
April 15	AGT Demo RUN	UP Diliman
April 16-18	RICE Mimaropa, Filipiniana Hotel, Calapan, Mindoro	DOST Mimaropa
May 16	Ceremonial turnover of the IBM Blue Gene & DOST-IBM R&D Project Launch, EDSA Shangrila	
May 20	Presscon & formal launch of the updated IT-BPM roadmap 2012-2016 & awarding of the Top 10 Next Wave Cities for 2012, Manila Peninsula & Dusit Hotel	
June 20	Dengue Vector Surveillance Presscon, La Breza Hotel, Mother Ignacia Avenue, Quezon City	PCHRD
July 9	36th Annual Scientific Meeting - Manila Hotel	
July 16-17	Bamboo Live! Forum, Los Baños	FPRDI
July 18	DOSTkusyon - La Breza, Quezon City	
July 23	NSTW Opening Ceremonies / Presscon/ APT – SMX Convention, Mall of Asia July 23, 2013	NSTW
July 24	Ocean Park, Elementary Div, SEI Smarter Kids - Manila	NSTW - SEI
July 25	Ocean Park, High School Div, SEI Smarter Kids - Manila	NSTW - SEI
July 25	SEI Excellence - Hyatt Hotel, Manila	SEI
July 26	College Level, Smarter Kids, Manila	SEI
October 16-17	National Health Research Forum	PCHRD
October 22	International Symposium on Emerging Technology	NAST
November 20	National Biotech Week Presscon, La Breza Hotel	NBW
December 6	Product Protection and Promotion Forum	STII
December 20	Philippine Standard Time Launching, La Breza Hotel, Quezon City	

TRAINING AND CONSULTANCIES

A total of 64 trainings and consultancies were provided by the Division including IT orientation for academic institutions, library consultancy on library organization and management, SILMS training, STARBOOKS orientation and installation for stakeholders, and consultation with content partners for science.ph.

Other Significant Activities:

– Modification of STARBOOKS Questionnaire

– Seminar evaluation form for the RDA seminar-workshop

– Finalized weeding out and disposal policy for library materials

– Organized the event for NSTW with ICTO on IT-BPO Events at SMX, MOA

– Participated in the development of the Library Website

– Drafted and finalized online Library Survey Form

– Drafted and finalized Library Survey Form for walk-in users

– Finalized Timeline of inventory and weeding of library collections

– Segregated inventory result of the Reference Unit per material type

– Status of general reference inventory report

as of October 4, 2013

– Revised manual on encoding analytics in the SILMS incorporating RDA policies and format

– Mapua Open Compute Initiatives Meeting

– DOST-WMC Meeting on Content Activity, Nov. 2013

– Comm on Filipino Overseas Meeting, Nov. 2013

– DSWD Volunteer Work for Yolanda Victims, Nov. 2013

– Drafted the policy for the RDA compliant cataloguing forScINET, identifying MARC tags and its subfields as well as indicators to be included in the SILMS

Program & Project Support
Smarter Financial Management

The **Finance and Administrative Division** remains a viable component of STII's operations, leading to the production of its S&T promotions paraphernalia and other materials, the rollout of its projects and activities, and the implementation of STII's other support requirements.
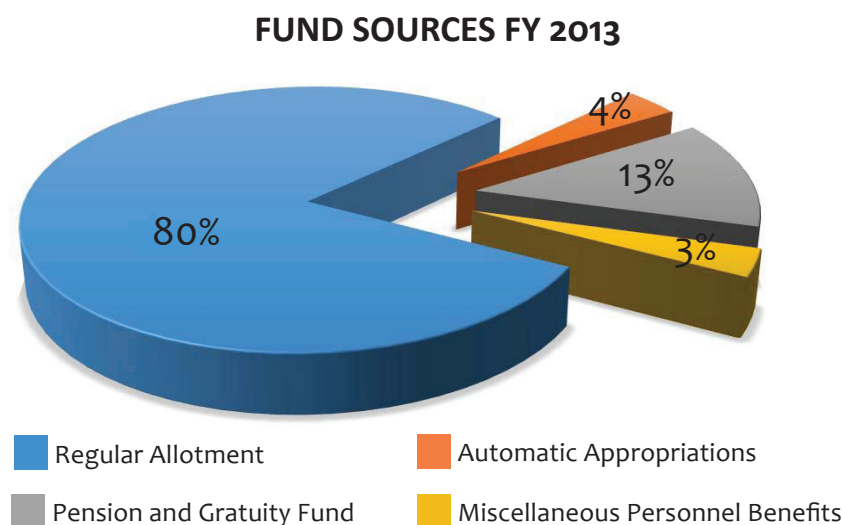
Table 1. Expenditures by Program/ Project/Activity FY 2013		
P/A/P Code	Program/Activities/ Project	Amount (in thousand pesos)
A.01.a.01	General Administration and Support	20,497
A.03.a.01	Operation of Science and Technology Center for Information Services	10,848
A.03.a.02	Implementation of Science and Technology Promotion and Advocacy Program	12,761
	PGF and MPBF	9,295
	TOTAL	53,401

Table 2. Expenditure by Expense Class	
Expense Class	Amount (in thousand pesos)
Personnel Services	38,604
Maintenance and Other Operating Expenses	14,797
Capital Outlay	-
TOTAL	53,401

For 2013, STII's expenditures ran up to P53,401,496.81. Breakdown of the agency's expenditures by program/activity/project is reflected in Table 1, and by expense class in Table 2. Expenses by Major Final Outputs (MFOs) are also summarized in Table 3.

Table 3. Expenditure by MFO	
MFO	Amount (in thousand pesos)
General Administration and Support Services	29,792
MFO 1: Science and Technology Information Services	23,609
TOTAL	53,401

Sources of our spending for the year are as follows: Regular Allotment (P 45,232,000), Automatic Appropriations (P1,977,000), Pension and Gratuity Fund (PGF) (P7,518,000) and Miscellaneous Personnel Benefits Fund (MPBF) (P1,910,200) (Figure below).

FUND SOURCES FY 2013

4%
13%
80%
3%

- Regular Allotment
- Automatic Appropriations
- Pension and Gratuity Fund
- Miscellaneous Personnel Benefits

Aside from regular appropriations, we received a total of P 14,970,165.60 Grants-in-Aid (GIA) from DOST and other funding institutions for our new and ongoing projects, as shown in Table 4.

Table 4. GIA Funded Projects FY 2013			
	GIA Project	Donor	Amount
CRPD	Changing the Mindset: Moving into a Comprehensive Information Site for the DOST System via Science.ph	DOST-OSEC	337,594.00
	Changing the Mindset: Information, Education and Communication Campaign Initiatives	DOST-OSEC	2,803,413.00
	S&T for Smarter Philippines: Publicity, Promotion and Special Events for NSTW 2013	DOST-OSEC	4,990,636.60
	Science Content Transformation and Visualization for Disaster Risk Reduction	DOST-OSEC	1,881,872.00
	Development and Distribution of OL Trap Posters	PCHRD	955,000.00
	TAPI Tech Fair Fund	TAPI	20,000.00
OD	Strategic Communication Intervention for the National Operational Assessment of Hazards (NOAH) program	DOST-OSEC	3,961,650.00
IRAD	STARBOOKS campaign materials for NSTW 2013	TAPI	20,000.00
	TOTAL		14,970,165.60

For two consecutive years since 2012, the Philippine Journal of Science (PJS) passed the Commission on Higher Education's journal accreditation. As such, it is granted 200,000.00 for printing and production. Aside from this local accreditation, PJS is also covered under ISI and Scopus, two leading journal accreditation and abstracting services.

STII also generated income from sales of various journals, reproduction of library materials and canteen rental summarized in Table 5.

Table 5. Income Generated FY 2013	
Sources	Amount
Sales/Subscription of Various Journals	15,600.00
Photocopying fee	3,280.00
Canteen Rental	10,000.00
TOTAL	8,880.00

Financial and Physical Accomplishments for FY 2013

For this year, STII's Major Final Outputs (MFOs) were restructured from two MFOs (Science and Technology Information Services and Science and Technology Promotion Services), into just one MFO - the Science and Technology Information Services. The budget utilization rate for the year which is the percentage of disbursement over obligations for Maintenance and Other Operating Expenses (MOOE) and Capital Outlay (CO) for the year was 94%, a 4% increase from the set target of 90%. Financial statements and reports were also completely submitted to the Commission on Audit.

Physical accomplishments as of December 31, 2013 also exceeded the targets for the year as shown in Table 6.

Table 6. Physical Accomplishments FY 2013			
MFOs and Performance Indicator		FY 2013 Targets	FY 2013 Actual Accomplishment
MFO 1: Science and Technology Information Services			
PI set 1: Science and Technology Information Reference Services			
Quantity	Number of clients served	286,000	649,862
Quality	Percentage of clients who rate the service as satisfactory or better	90%	90%
Timeliness	Percentage of inquiries where reference materials were provided within 5 minutes	90%	95%
PI set 2: Science and Technology Promotion Services			
Quantity	Number of promotion services rendered	546	957
Quality	Percentage of clients who rate the service as satisfactory or better	90%	90%
Timeliness	Percentage of services rendered monthly	90%	175%

Our Profile

Figures 1, 2 and 3 summarize STII personnel profile by educational attainment, gender and age.
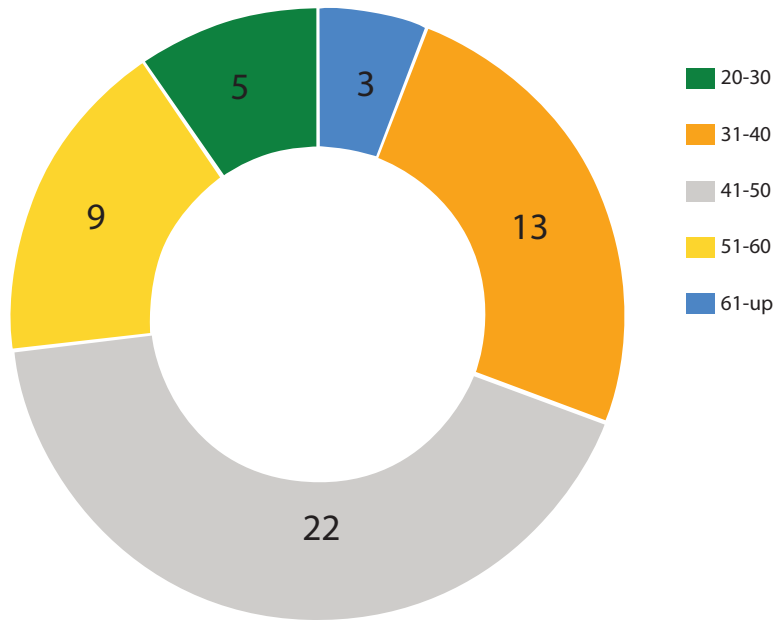

Legend:
- 20-30
- 31-40
- 41-50
- 51-60
- 61-up
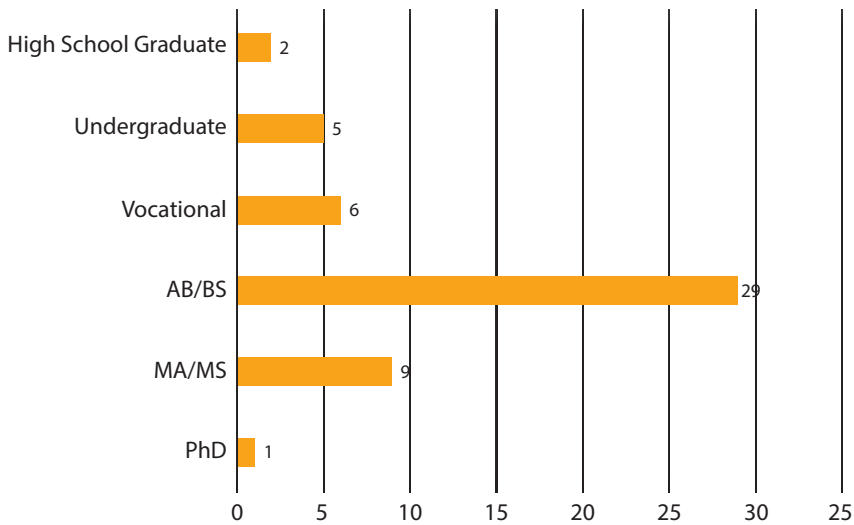
Figure 1. Personnel by Age Range (Total = 52)

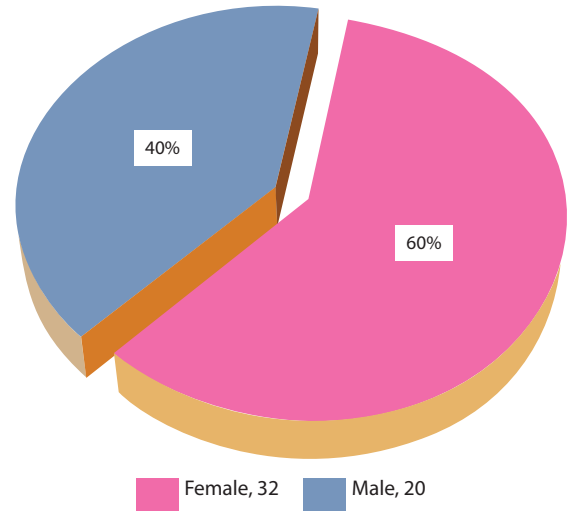Figure 2. Personnel by Educational Attainment (Total = 52)

Figure 3. Personnel Gender Ratio (Total = 52)

Communication Resources and Production Division (CRPD)

Name	Position
1. Aristotle P. Carandang, Ph.D	Chief Science Research Specialist
2. Mona Carina E. Montevirgen	Supervising Science Research Specialist
3. Benedict P. Cagaanan	Supervising Science Research Specialist
4. Framelia V. Anonas	Senior Science Research Specialist
5. Maria Judith L. Sablan	Information Officer III
6. Ma. Lilibeth P. Padilla	Information Officer III
7. Espie Angelica A. De Leon	Information Officer III
8. James B. Initia	Science Research Specialist II
9. Mario B. Buarao, Jr.	Science Research Specialist II
10. Gerardo C. De Jesus	Science Research Specialist II
11. Henry A. De Leon	Audio-Visual Aids Technician IV
12. Valiant P. Rosales	Printing Press Supervisor
13. Joy M. Lazcano	Science Research Specialist I
14. Rosalina B. Millan	Science Research Analyst
15. Teddy R. Amante	Audio-Visual Aids Technician III
16. Gerardo D. Palad	Photographer II
17. Ferdinand D. Cartas	Printing Machine Operator II
18. Arlene C. Celestino	Printing Machine Operator II
19. Elsa T. Calumay	Printing Machine Operator II
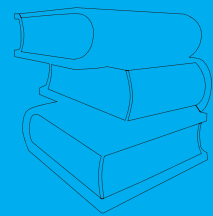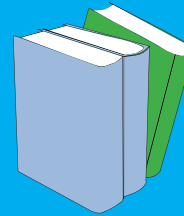
Information Resources and Analysis Division (IRAD)

Name	Position
20. Rosie R. Almocera	Chief Science Research Specialist
21. Maribel B. Palafox	Supervising Science Research Specialist
22. Geraldine B. Ducusin	Supervising Science Research Specialist
23. Alfon B. Narquita	Senior Science Research Specialist
24. Marilyn C. Villamero	Information System Researcher III
25. Louise Ian T. De Los Reyes	Science Research Specialist II
26. Josefina A. Mahinay	Science Research Specialist II
27. Annie Lyn D. Bacani	Science Research Specialist II
28. Marievic V. Narquita	Science Research Specialist II
29. Robelyn M. Cruz	Science Research Specialist II
30. Jessica T. Barrientos	Science Research Specialist II
31. Michelle D. Tabilog	Science Research Specialist II
32. Albert Joseph SP. De Los Santos	Science Research Specialist II
33. Nelly B. Agpawa	Science Research Specialist I
34. Lloyd Frederick R. Mandapat	Science Research Specialist I
35. Arjay C. Escondo	Science Research Specialist I
36. Susana O. Abada	Science Research Assistant
37. Jeffrey T. Centeno	Reproduction Machine Operator II
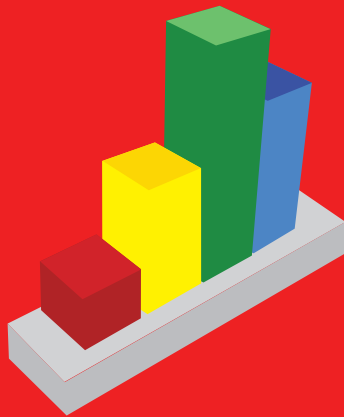
Finance and Administrative Division (FAD)

Name	Position
38. Arlene E. Centeno	Chief Administrative Officer
39. Marilou C. Leelian	Accountant III
40. Cecille Rose B. Ramos	Administrative Officer V
41. Marites B. Pablo	Administrative Officer V
42. Cristeta S. Olivar	Administrative Officer V
43. Ma. Teresa M. Rosqueta	Administrative Officer V
44. Nenita G. Balbalosa	Administrative Officer V
45. Jose Herminio D. Sandoval	Administrative Officer IV
46. Jean B. Arabes	Administrative Officer IV
47. Jesus P. Diwata	Admin Assistant III
48. Cynthia L. Corcuera	Admin. Assistant I
49. Romulo S. Rodriguez	Admin. Aide IV
50. Jaime V. Reyes	Admin. Aide IV
51. Hannah T. Barrientos	Admin Aide I
52. Ma. Rachel Diana S. Mesias	Admin Aide I

Promoted

1. Framelia V. Anonas   − Promoted to Senior SRS effective May 14, 2013
2. Albert Joseph SP. Delos Santos   − Promoted to SRS II effective September 20, 2013

Retired

1. Gloria M. Cordovez   − Retired effective October 7, 2013

New

1. Marites B. Pablo   − Administrative Officer effective June 13, 2013
2. Arjay C. Escondo   − SRS 1 effective December 2, 2013
3. Susan O. Abada   − SRA effective December 27, 2013

Contractuals

1. Maria L. Ardieta
2. Rodolfo A. Alaman
3. Jona M. Bernal
4. Avegail T. Canonce
5. Jonathan De Guzman
6. Rodel S. Esguerra
7. Rajyl M. Muleta
8. Ladisla T. Quindoyos
9. George Robert E. Valencia III

2013 FOREIGN TRAININGS/SEMINARS

DATE	COURSE/TITLE	PARTICIPANT/S	VENUE
Feb. 7-9, 2013	Asean-India S&T Digital Library Coordination Meeting	Alfon B. Narquita	Jakarta, Indonesia
March 25-26, 2013	Information and Communication Technology (ICT) for Disaster Management Symposium	Raymund E. Liboro	Tokyo, Japan
April 2-6, 2013	Science and Communication Leadership Workshop II	Aristotle P. Carandang Framelia V. Anonas	Bangkok, Thailand
June 17-18, 2013	Ministerial Forum on ICT 2013 "Shaping the Future through ICT"	Raymund E. Liboro	Singapore
Nov. 12-13, 2013	66th meeting of the ASEAN Committee on S&T (COST)	Raymund E. Liboro	Malaysia
Dec. 12-13, 2013	ASEAN Science, Technology and Innovation (STI) Grand Challenge Initiative Meeting	Raymund E. Liboro	Thailand

2013 LOCAL TRAININGS/SEMINARS ATTENDED

DATE	COURSE/TITLE	PARTICIPANTS	VENUE
Jan. 16, 2013	First Plenary Conference of the Government-Wide Medium Term Information and Communication Technology Harmonization Initiative (MITHI)	Benedict P. Cagaanan Arlene E. Centeno Cecille Rose B. Ramos	DBM Complex. Manila
Jan. 23-25, 2013	Seminar on Understanding and Updates on Government Procurement System	Arlene E. Centeno Rosie R. Almocera Ma. Teresa M. Rosqueta Rachel Diana S. Mesias	Kimberly Hotel, Manila
Feb. 1, 2013	TV White Space (TVWS) Technology Workshop	Alfon B. Narquita Albert Joseph SP. de los Santos	ICTO Bldg. UP Diliman, Quezon City
Feb. 8-12, 2013	Seminar-Workshop on Resource Description and Access- new system of organizing library resources	Maribel B. Palafox Nelly B. Agpawa Geraldine B. Ducusin	Baguio City
Feb. 26-27, 2013	Effective Communication and its Importance in Handling Customer Complaints	Cristeta S. Olivar Nelly B. Agpawa	Camp Aguinaldo, Quezon City

March 19-20, 2013	Unified Accounts Code Structure (UACS) and Online Submission of Budget Proposals System OSBP Training	Arlene E. Centeno Marilou C. Leelian Benedict P. Cagaanan Cecile Rose B. Ramos	Ortigas Center, Pasig City
April 10-12, 2013	International Conference of Asian Special Libraries	Michelle T. Policarpio Nelly B. Agpawa	PICC, Pasay City
April 5-6, 2013	DOST/PSciJourn Innovation Forum for Information Officers	Ma. Lilibeth P. Padilla Teddy P. Amante Gerardo P. Palad Gerardo C. De Jesus Henry A. De Leon Arlene E. Centeno Mona Carina E. Montevirgen Benedict P. Cagaanan Espie Angelica A. De Leon Geraldine B. Ducusin Maria Judith L. Sablan Joy M. Lazcano Jeffrey T. Centeno Alfon B. Narquita Romulo S. Rodriguez Alan C. Taule George Robert E. Valencia III Rajyl P. Muleta Juniefer Mesias Rodel Esguerra Arjay C. Escondo Ma. Luisa S. Lumioan Allan Ace Aclan Allan Mauro Marfal Jona M. Bernal Rafael Regidor Ceajay N. Valerio Bryan Torres	The ICON, Global City, Pasig City
April 10-12, 2013	Orientation on the DOST System-Wide Organizational Performance Indicator Framework (OPIF) and Review on Gender Analysis	Benedict P. Cagaanan	Clark, Pampanga
April 10-12, 2013	International Conference of Asian Special Libraries	Michelle T. Policarpio Nelly B. Agpawa	PICC, Pasay City
April 18-19, 2013	DEVCOMNET Team Building cum Planning Workshop	Raymund E. Liboro	Tagaytay City

April 29, 2013	Forum on Single Treasury Account	Arlene E. Centeno Cecille Rose B. Ramos Jean B. Arabes	Marble Hall Intramuros, Manila
May 4, 11,18,25, and June I, 2013	Training on Project Management	Alfon B. Narquita Marievic V. Narquita	UP Information Technology Development Center, Quezon City
May 15-17, 2013	Seminar-Workshop on Resource Description and Access (RDA) Compliant Literacy System for DOST SciNet-Philippines	All IRAD Staff	Kimberly Hotel, Manila
May 28-31, 2013	International Atomic Energy Agency-Asian Nuclear Safety Network (IAEA-ANSN) Regional Workshop on Communication Plan, Strategies and Tools	Mona Carina E. Montevirgen Framelia V. Anonas	Bayview Hotel, Manila
June 17-21, 2013	Cisco Certified Networks Associate (CCNA) Module 1-4 Fast Track	Lloyd Frederick R. Mandapat	U.P. Diliman, Quezon City
July 16-19, 2013	2013 HR Symposium that aims to understand and appreciate the performance management system such as SPMS and RBPMS	Arlene E. Centeno Cristeta S. Olivar Ian Louise T. De Los Reyes	Waterfront Hotel, Cebu City
August 12-16, 2013	3rd Luzon Convention of Human Resources Management Practitioners (CHRMP)	Arlene E. Centeno Cristeta S. Olivar	Vigan, Ilocos Sur
August 14-15, 2013	Partnership Thru ICT for Alternative Learning System	Raymund E. Liboro George Robert E. Valencia Jona M. Bernal Rodel S. Esguerra	Baguio City
September 18-20, 2013	Seminar-Workshop on the Philippine Bidding Documents (pre-requisite RA 9184)	Arlene E. Centeno Rosie R. Almocera Ma. Teresa M. Rosqueta Rachel Diana S. Mesias	Kimberly Hotel, Manila
September 21, 2013	Digital Influencers Marketing Summit Manila 2012	Benedict P. Cagaanan Ma. Lilibeth P. Padilla	SMX Convention Center, Manila
September 26-29, 2013	20th National Public Relations Congress	Framelia V. anonas Espie Angelica A. De Leon	Boracay Island, Aklan

October 3-4, 2013	Seminar-Workshop on RDA Made Simple	Ian Louise T. De Los Reyes Michelle T. Policarpio Nelly B. Agwapa	De La Salle University, Manila
October 17-18, 2013	CESB Accredited Leadership Training Program on Strategic and Critical Thinking	Aristotle P. Carandang	St. Gile's Hotel, Makati City
October 23-24, 2013	Information Communication Trends Seminar, Proposal-Making Workshop on Harnessing InfoCom for DOST Advocacies	Raymund E. Liboro Aristotle P. Carandang Alan C. Taule George Robert E. Valencia Jona M. Bernal Arlene E. Centeno Marilou C. Leelian Cristeta S. Olivar Ma. Teresa M. Rosqueta Cecille Rose B. Ramos Rosie R. Almocera Maribel B. Palafox Geraldine B. Ducusin Alfon B. Narquita Marievic V. Narquita Robelyn M. Cruz Albert Joseph SP. De Los Santos Rajyl P. Muleta Mona Carina E. Montevirgen Benedict P. Cagaanan Framelia V. anonas Ma. Lilibeth P. Padilla Maria Judith L. Sablan Espie Angelica A. De Leon Mario B. Buarao, Jr. James B. Intia Gerardo C. De Jesus Henry A. De Leon Joy M. Lazcano Arjay C. Escondo Ma. Luisa S. Lumioan Allan Mauro Marfal	FNRI Training Room, Taguig City
November 15-16, 2013	2nd International Symposium of the Philippine Native Plants Conservation Society, Inc. (PNPCSI)	Maria Judith L. Sablan Mario B. Buarao, Jr. Henry A. De Leon Romulo S. Rodriguez	Magalang, Pampanga
Dec. 2-6, 2013	Training for the Migration Procedure to Government Website Template and Web Hosting Service	Alfon B. Narquita Robelyn M. Cruz	DOST-ASTI, Quezon City

TRAININGS/SEMINARS CONDUCTED

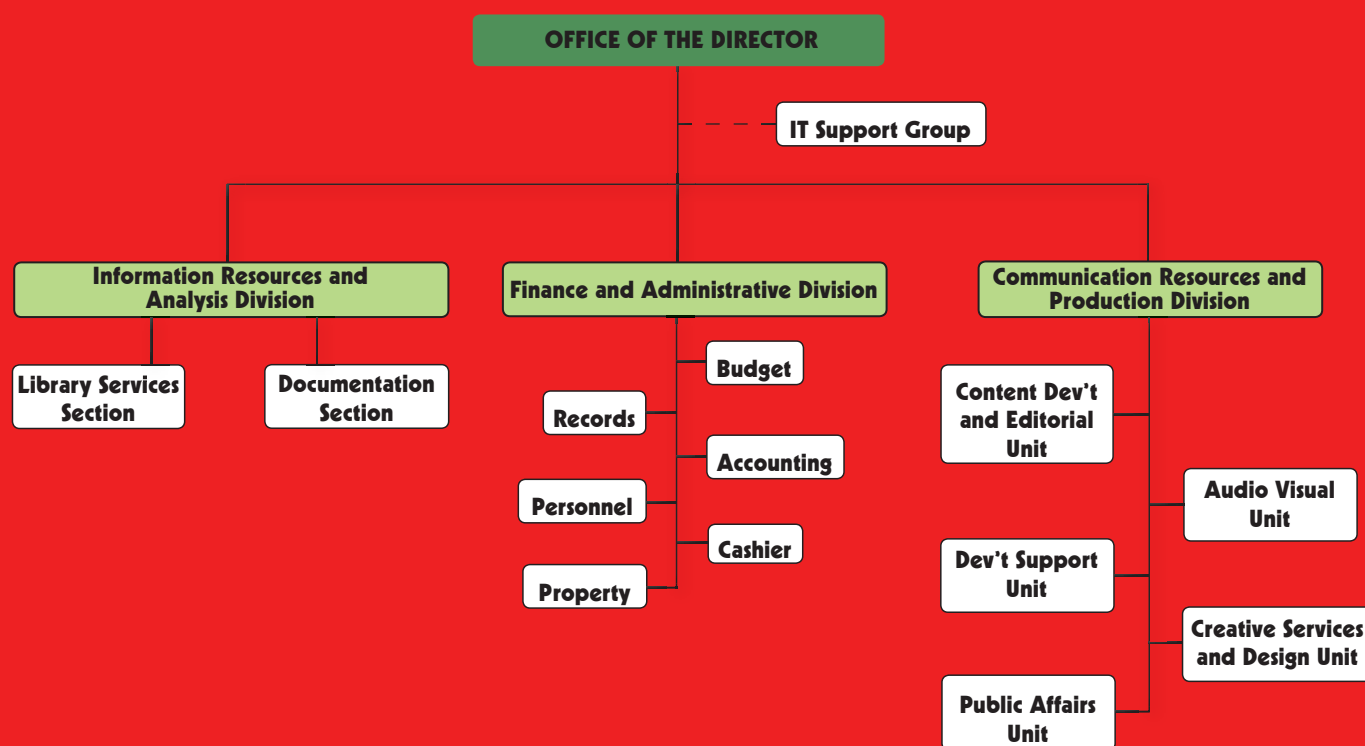| DATE	TITLE/COURSE	RESOURCE SPEAKER	PLACE/VENUE
Feb. 23, 2013	Basic Research Seminar	Geraldine B. Ducusin	University of Perpetual Help System-Dalta, Las Piñas City
April 15, 2013	Tips In Writing Your Journal Article	Framelia V. Anonas	University of Perpetual Help System-Dalta, Las Piñas City
April 20-23, 2013	Training Workshop on Writing for a Refereed Journal	Maria Judith L. Sablan	Capiz State University
Aug. 2013	Training Workshop on Writing for a Refereed Journal	Maria Judith L. Sablan	University of Perpetual Help System-Dalta, Las Piñas City

Tita Glo bids farewell to STII

Gloria M. Cordovez, science research assistant at the Information Resources and Analysis Division (IRAD) bade farewell to the STII family last October 7, 2013 after 40 years of government service. On that day, IRAD feted her with a special lunch "salo-salo" where the presence of her former colleagues and now fellow retirees made the occasion even more delightful. They were Dr. Carmelita Nobleza, Virginia Dolotina, Leonor Arcilla, Zenaida Santos, and Engr. Enrico Florencio. Earlier, Ms. Cordovez was also presented with a Plaque of Appreciation by STII Director and DOST Assistant Secretary Raymund E. Liboro during Employees Day held last Sept. 27, 2013.

Organizational Chart

OFFICE OF THE DIRECTOR

IT Support Group

Information Resources and Analysis Division

Library Services Section

Documentation Section

Finance and Administrative Division

Budget

Records

Accounting

Personnel

Cashier

Property

Communication Resources and Production Division

Content Dev't and Editorial Unit

Audio Visual Unit

Dev't Support Unit

Creative Services and Design Unit

Public Affairs Unit

Cook Fest on the move

Food Presentation and Judging

PERFORMANCE PLEDGE

We, the officials and employees of the Science and
Technology Information Institute

commit to:

Serve you promptly, efficiently, and with utmost courtesy
from Mondays to Fridays, 8:00 a.m. to 5:00 p.m.

Ensure strict compliance with service standards, with written
explanation for any delays in frontline services;

Respond to your complaint about our services the soonest
or within the day through our complaint and assistance desk
and take corrective measures;

Value every citizen's comments, suggestions, and needs,

and

Empower the public through 24/7 access to information
on our policies, programs, activities and services
through our website (www.stii.dost.gov.ph)

All these we pledge,
because YOU deserve no less.

editorial team