

# 2014 Performance Report



**SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE**  
**Department of Science and Technology**





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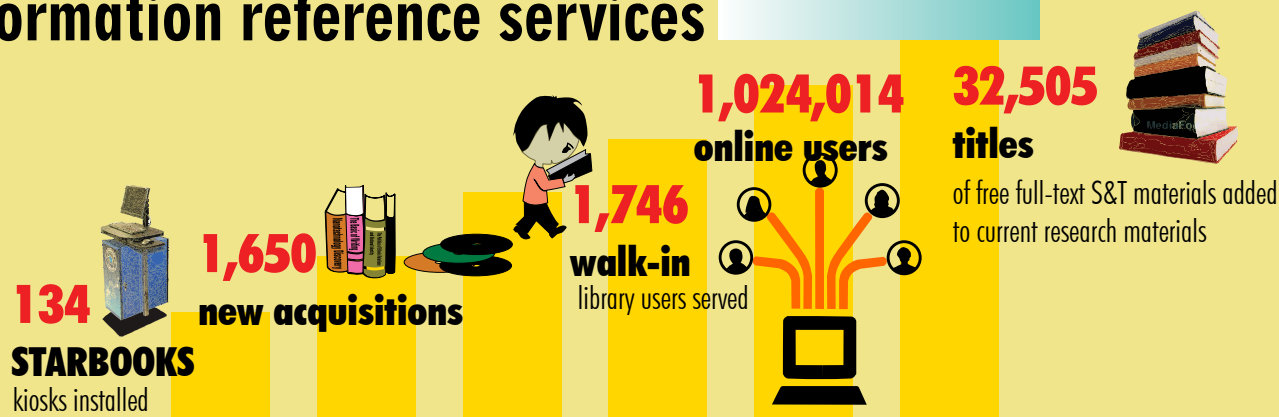
**50** STARBOOKS

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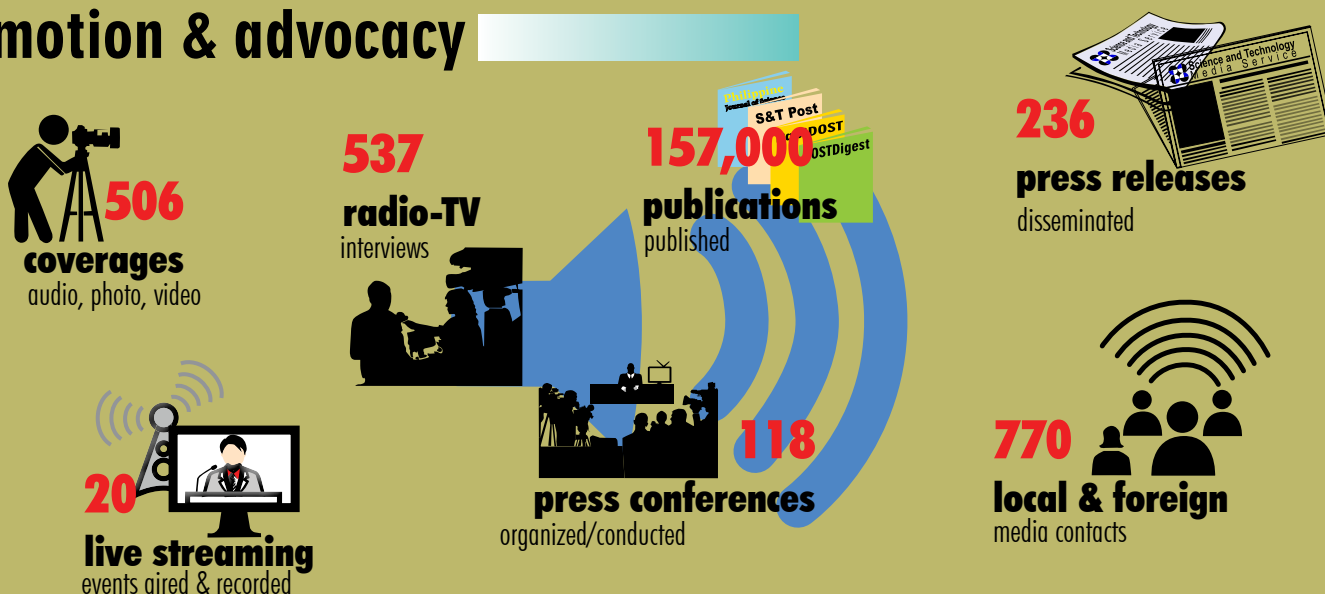
**55** Physical Accomplishments



## information reference services



## promotion & advocacy











## financial & administrative

Disbursement Budget Utilization Rate	$= \frac{\text{Disbursement}}{\text{Obligations (MOOE + CO)}} \times 100$	94% 4% higher than target
Obligations Budget Utilization Rate	$= \frac{\text{Obligations}}{\text{Allotment}}$	95% 5% higher than target

We also submitted **complete** financial statements and reports to the Commission on Audit in 2014.

# Our physical accomplishments for 2014

## MF0: Science and Technology Information Services

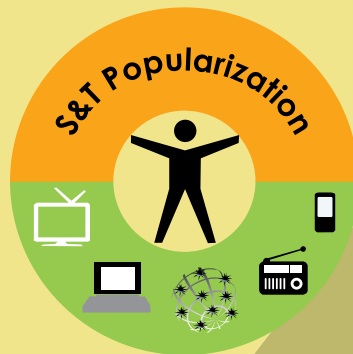
PI Set 1: Science and Technology Information Reference services			
		Targets	Actual Accomplishment
			
<b>QUANTITY</b> No. of clients served		286,000	1,026,298
			
<b>QUALITY</b> Percentage of clients who rated the services as satisfactory		90%	95%
			
<b>TIMELINESS</b> Percentage of clients who rated the services as satisfactory		90%	97%
PI Set 2: No. of promotion services rendered			
			
<b>QUANTITY</b> No. of clients served		547	953
			
<b>QUALITY</b> Percentage of clients who rated the services as satisfactory		90%	90%
			
<b>TIMELINESS</b> Percentage of clients who rated the services as satisfactory		90%	175%

## 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.

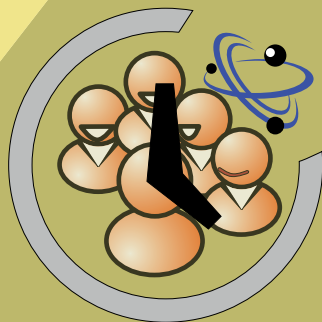


## Mission

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

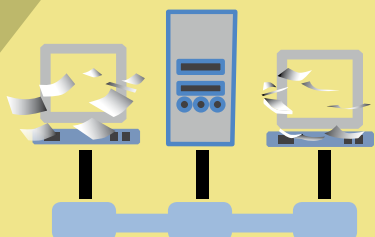
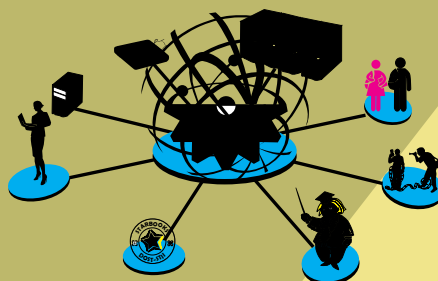
To keep the various stakeholders updated on local and international S&T developments;

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



## 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.



## Mandate

- 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.

The men and women who comprise the Science and Technology Information Institute (STII) are proud to present their **2014 Annual Report**

In 2014, the DOST system has begun reaping the rewards of its strategic focus on high-impact projects. As such, the Institute took on the unenviable task of bringing to bear both its promotional and organizational expertise to highlight these projects on a more expansive scale.

In particular, I must cite the yeoman's job carried out by practically every STII employee in the planning and conduct of the **Iba Na Ang Panahon (Science for Safer Communities)** IEC workshops, wherein we partnered with the Department of the Interior and Local Government (DILG) and crisscrossed the entire Philippine archipelago over the summer to impart key learnings from DOST agencies PHIVOLCS, PAGASA, and Project NOAH. Its aim is to prepare LGUs from the onset of natural hazards and prevent them from escalating into disasters.

Meanwhile, we also reaped the rewards of a fundamental shift in mindset, one that made us even more aggressive in promoting the DOST's contributions to national development such as disaster mitigation, typhoon monitoring, dengue prevention, industry competitiveness, and emerging technologies.

STII would like to build on these gains by keeping in step with our scientists, researchers, innovators, and organizations that have advanced the frontiers of knowledge and laid the groundwork for an environment that embraces change and scientific progress.

We will uphold our mandated tasks and responsibilities by reinforcing our position as the leading source of S&T information to our constituents nationwide. We will blaze new trails in reaching out and bringing into sharper focus DOST's thrusts and initiatives to put knowledge to work, improve the quality of life, and uphold the security and prosperity of every Filipino.

  
**RAYMUND E. LIBORO**  
DOST Assistant Secretary and  
Officer in Charge, STII

# MESSAGE

FROM THE OIC, OFFICE OF THE DIRECTOR-STII  
& DOST ASSISTANT SECRETARY





# EXCEEDING LIMITS

We aim to increase S&T awareness

We dedicated ourselves to promote and package the message of science and technology to be understood and appreciated by every Filipino. An enlightened society will become progressive as every citizen aspires to take part in the development of science and technology and how they are used to make the life of every Filipino better.



## Performance Indicator 1

### Science and Technology Information Reference Services



We go **BEYOND BOUNDARIES** in providing our clients timely and relevant S&T information through our:

- extensive collection and development of multimedia S&T materials
- systematic organization of S&T information
- user-friendly packages

# Library Readers Services

## Physical Services

Everyone in need of S&T information materials is welcome at our library. With two sections, the Foreign and General References Section, and the Filipiniana and Serials Section, we let our clients thumb through our collections as they search for the information they need.

Figure 1 below shows our library's services for 2014 (physical):

- 1,746 library clients = 1,040 female and 406 male
  - 2,102 books
  - 1,378 serials
  - 83 theses/dissertations
  - 980 investigatory projects
  - 117 vertical files
  - 14 non prints.



Figure 1. Library Readers Services (Physical)

over-all client satisfaction rating



93.60%

(based on the feedback form filled up by walk-in clients)

Timeliness or the promptness in providing information requested

93.98%

Our library staff also assisted our clients by responding to:

100

e-mails and

87

phone inquiries

## online services

Fabulous! That's how we can describe our online services this year. We've broken the million-mark and happy to see that a huge chunk of our clients find one of our sites "very helpful."

# 1,024,014 hits



science.ph



SILMS



OPAC



# 83.70%

## "Very Helpful"

science.ph respondents rated the website

For 2014, the STII Library served a total of

# 1,025,760

 library clients



# Collection Development

Our new collection for 2014 = **32,505**  
S&T materials

18

exceeding limits



**We** take pride in having the biggest collection of science and technology (S&T) multimedia materials. We build up our collection by various means: purchase, complimentary, exchange agreement, donations, and even online downloads, among others. Below is the breakdown of our acquisition by mode with subject areas:

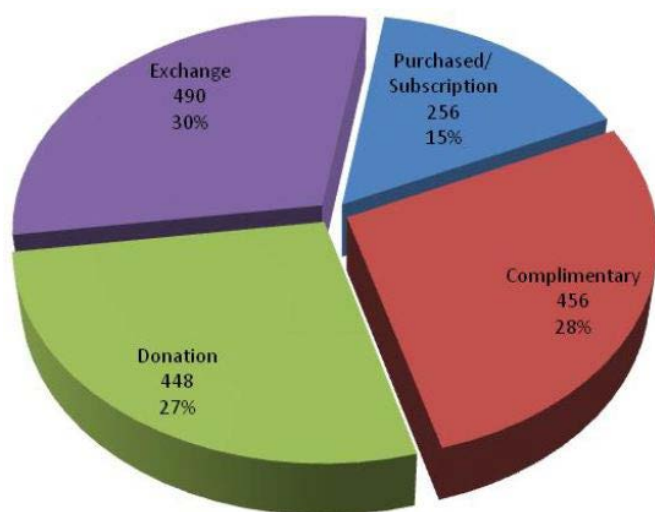


Figure 2. Library Acquisitions, by Mode

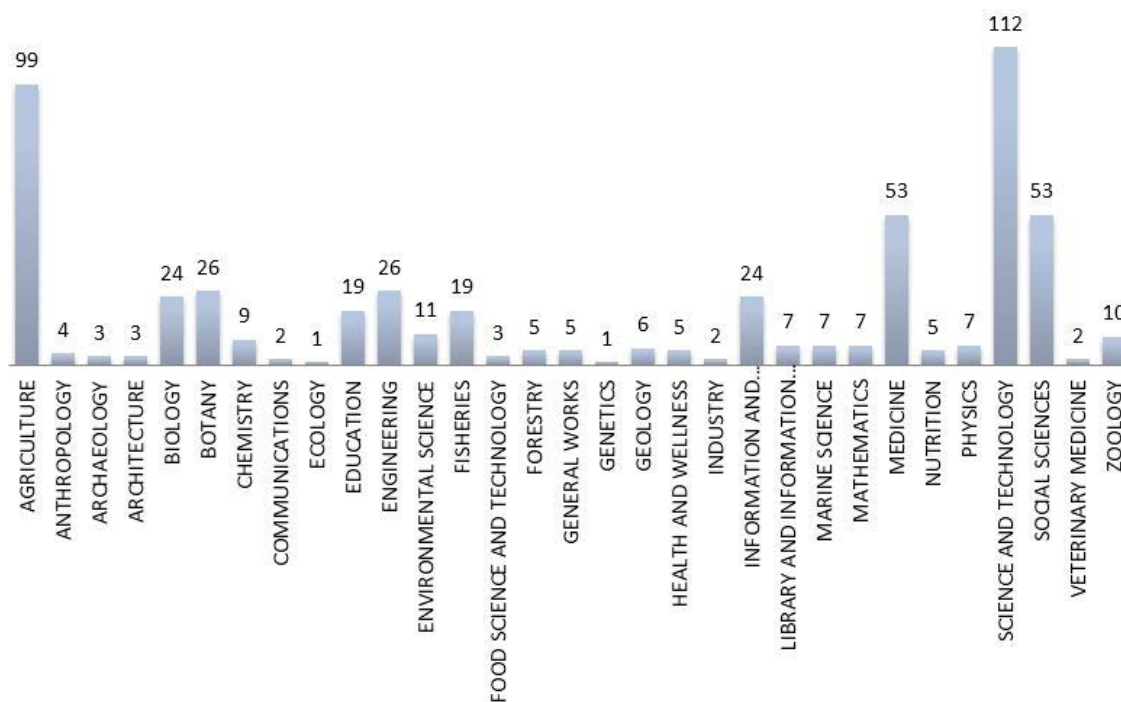


Figure 3. Acquired materials by classification

# Technical Processing

Before our materials get to our shelves and to our digital and online collections, we quality check each of them as they are entered in our accession record book. In 2014, we accessioned 3,023 materials and, along with the downloaded materials, we have entered these into the ScINET-PHIL Integrated Library Management System (SILMS) database.



Our librarians stamp our physical (non-digitized) materials, bar code them and then label them with corresponding call numbers.

- accessioned **3,023** materials and entered these into the ScINET-PHIL Integrated Library Management System (SILMS) database, and
- catalogued and classified **555** acquired materials (Fig. 4)

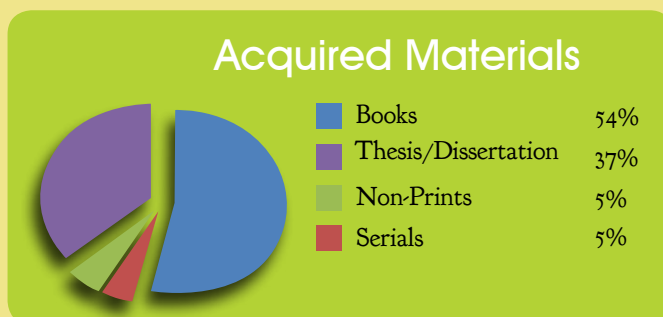


Figure 4. Cataloged/Classified Acquired Materials



### SILMS & WebDB

**4,272** new main records

**25,956** new records from DOST- National Academy of Science and Technology & DOST- Technology Resource Center

**379,986** new HERDIN records from the DOST-Philippine Council for Health Research and Development

**13,130** subject headings to all new main records

**15,911** SILMS records updated (corrections, updating information, broader classification)



### PSTA (Under SILMS)

**1,421** new entries

**3,702** downloads



### PWMS (Under WebDB)

**38** new entries

**8,923** downloads

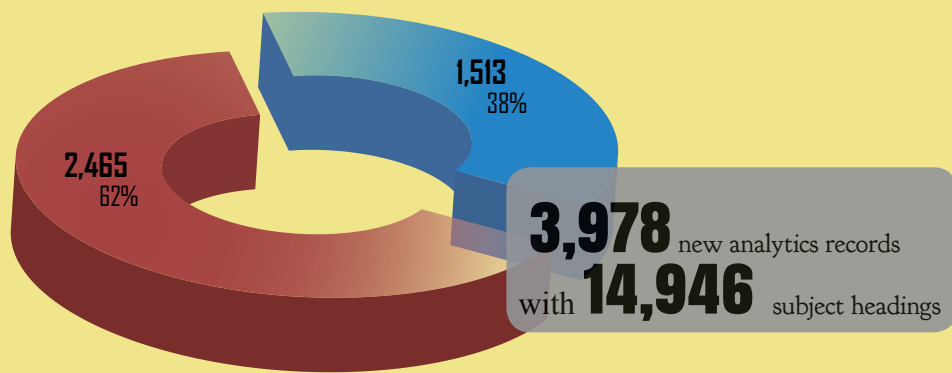
## Content and Database Management

Beyond Google, do a more meaningful deep search in our content and database collections which include the:

- ScINET-PHIL Integrated Library Management System (SILMS) which includes the Philippine Science & Technology Abstracts (PSTA)
- WebDB which includes the and Philippine Men and Women of Science (PMWS)

All our databases are accessible at [pmws.dost.gov.ph](http://pmws.dost.gov.ph)





■ Filipiniana ■ Foreign

Figure 6. New Analytics Records on SILMS

## Analytics and Indexing

Some S&T materials are further processed and indexed as analytics. This is being done so its contents are brought out and made available to the researchers as individual SILMS records. All analytics are also assigned their respective broad classification and subject headings. Filipiniana analytics are eventually packaged as the PSTA.

## Digitization

We digitize all S&T materials in the physical library and upload the digitized files for user access through the SILMS database and STARBOOKS. Other digitized materials are uploaded to the Philippine eLib portal of which DOST is a contributing partner along with the Department of Agriculture, the Commission on Higher Education, University of the Philippines System and the National Library of the Philippines.

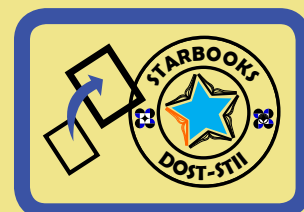
For 2014, we:



uploaded **2,790**  
bibliographic records of  
books from PAGASA to  
the Philippine eLib portal

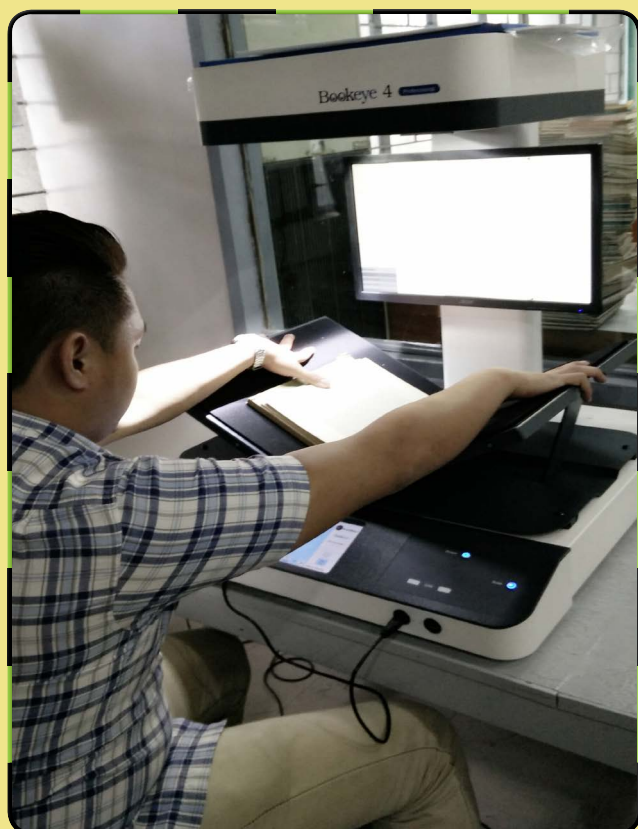


quality reviewed  
**73,612**  
pages

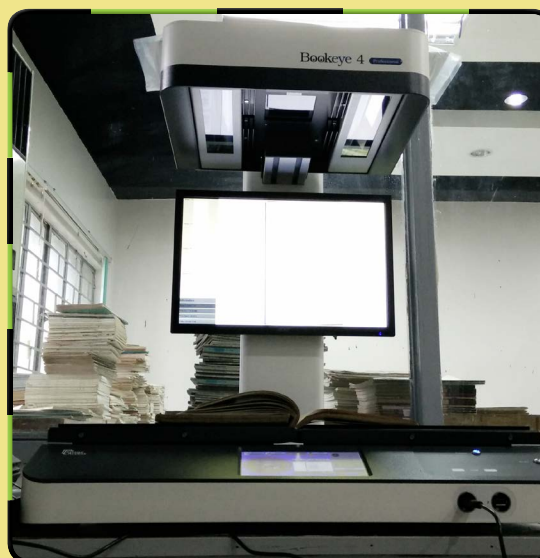


converted  
**1,355**  
titles or **15,097**  
pages of full text materials for  
STARBOOKS content update

With the acquisition of the new high-end scanner from the STARBOOKS project, digital scanning will now be more efficient and accurate.



High-end scanner used for digitization of library materials (photo by Jessica Barrientos)





## Collection Management

We maintain nearly **100,000** titles published locally and internationally.

To provide the request of our library users at the quickest time possible, we keep the library well-maintained by constant re-shelving and re-labeling of all our materials.

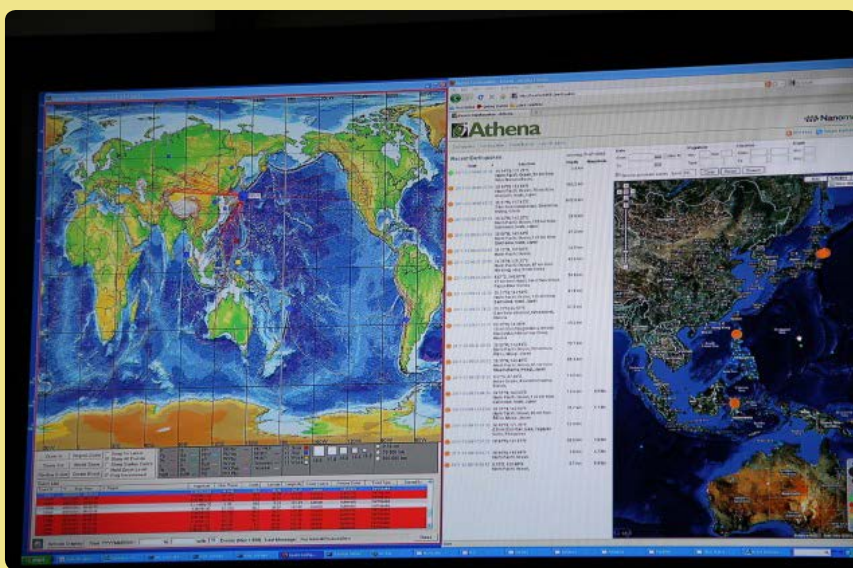
For several months in 2014, we made an inventory of the collection and made a partial count of 28,263 copies. We provided barcodes for 1,177 materials and replaced barcodes of 1,744 other materials. Inventory and barcoding will continue in 2015 up to its completion.

# Performance Indicator 2

## Implementation of S&T Promotion and Advocacy Program







26

# break borders

We to make sure that S&T information reach the public in a way that they can understand, appreciate, and use through:

- Easy-to-understand multimedia information materials
- Hip designs and graphics
- Exciting audio-visual materials
- Engaging events, and
- Lasting media relationship
- Consultancies, trainings, seminars, or workshops

exceeding limits

# Media Relations

Through our media friends, we reached the public through the following:

**236** news and photo releases in English and Tagalog

**770** national and local news outfits, bloggers, and other media practitioners

**537** arranged broadcast interviews

**101** clients assisted for press conference and other media events

27

Beyond this, we also held **17** press conferences

For Iba na ang Panahon: Science for Safer Communities (INAP: S4SC)

– DOST's nationwide information and education campaign on disaster preparedness



We also held the following media events:

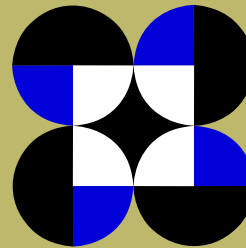
National media coverage  
for Regional Science Cluster Fair



DOSTKusyon  
Build Back Libraries



Events by other DOST agencies



In monitoring the media for DOST coverage, we gathered  
DOST related news and features:

**7,608**

**2,755**

print news and features



**4,316**

online news



**537**

broadcast news





# Promotional Activities

## Publications



Our publications:

**S&T Post** is published every quarter at 5,000 copies. Written in popular form, the news and features on S&T programs, projects, personalities, and activities in this magazine's pages are penned to make the general public understand S&T better and appreciate their effect on people's lives. Aside from adding a new e-magazine version, the quarterly magazine also introduced three new regular sections in 2014: Foreign News, Movie Review, and Book Review. Focusing on S&T-oriented films and books, the Review sections is another attempt to pique the interest of the youth and create greater awareness on S&T. This is a ditch to encourage more students to take up S&T related courses in college. Both Movie and Book Reviews are open to contributors within and outside the DOST community.

Boxed news: (image: photo of iPhone/iPad with Post launched)

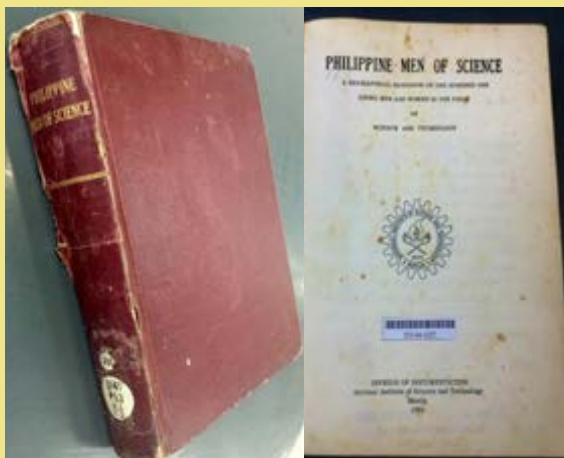


S&T Post notched a milestone in July 2014 when its electronic version was formally launched on July 26 as part of the NSTW activities. Downloadable in iPhones and iPods via Apple News stand, the electronic version was developed to make the magazine more accessible to the general public, most especially the youth. Aside from the news stories and feature articles published in the print version, the e-magazine also includes video materials and more photos.

Monthly, we print 5,000 copies each of the publications DOST Digest and Balitang RapiDOST. The former is geared towards the science community, policymakers and the academe, while the latter is for students and the general public.







The PMWS maiden issue published in 1964

Our 48-year old publication called the Philippine Men and Women of Science added new content this year called the *Heart of a Beautiful Mind* which gives a glimpse on the human side of scientists. By knowing the scientists' less technical persona, young Filipinos will have an idea on how scientists work and live their personal and professional lives.

In collaboration with the National Research Council of the Philippines and the Scientific Career System Secretariat of the National Academy of Science and Technology, we were able to publish ten feature stories on Dr. Socorro E. Aguja, Dr. Marina A. Alipon, Dr. Orville L. Bondoc, Dr. Arvin C. Diesmos, Dr. Arsenio B. Ella, Dr. Ramiro P. Escobin, Dr. Erlinda L. Mari, Dr. Mildred A. Padilla, Dr. Maricar S. Prudente, and Dr. Raymond Girard Tan.

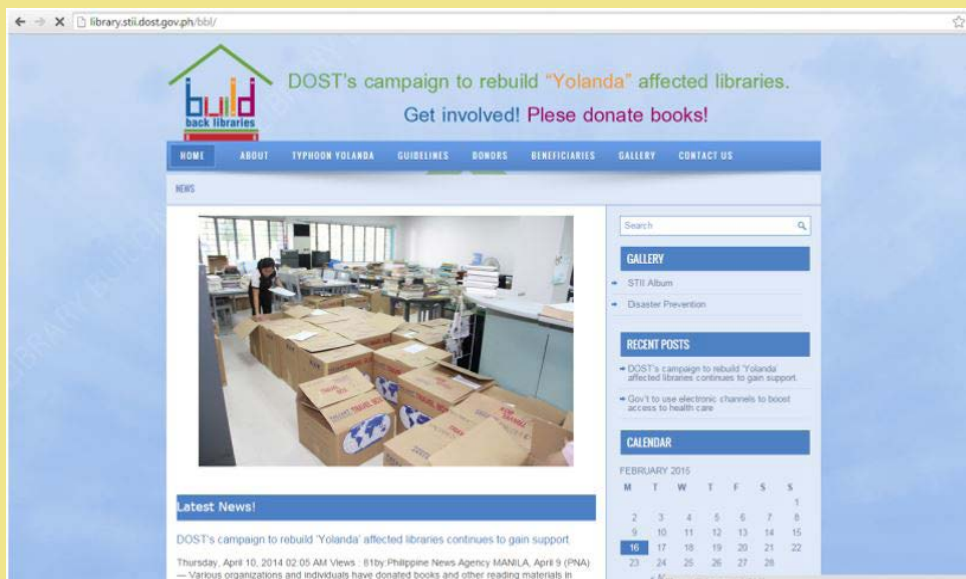
The Philippine Journal of Science is a semi-annual journal of natural sciences, engineering, mathematics, and social sciences under ISI coverage. In 2014, we released this issue in both print and online versions.



## Online Promotions

We developed this year four new websites for various projects:

### 1. Building Back Libraries Website (<http://library.stii.dost.gov.ph/bbl/>)



The site gives updated information on current activities under the project “Building Back Libraries” which aims to restore and make better libraries in the areas affected by Super Typhoon Yolanda in November 2013.

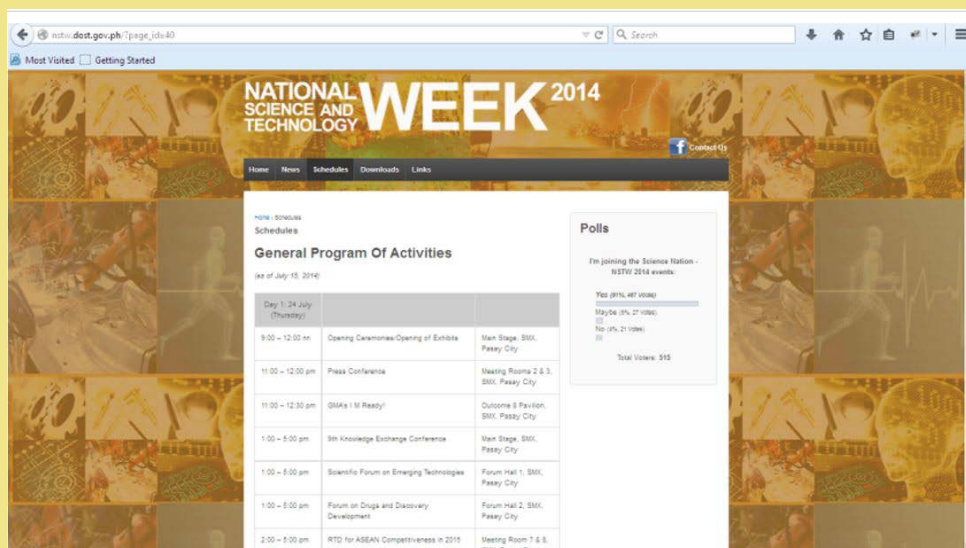
### 2. The Philippine Men and Women Website: (<http://pmws.dost.gov.ph>)



In recognition of the PMWS' golden year, the STII initiated a website solely dedicated to the Filipino scientists, integrating scientist information from various reputable institutions in the Philippines. This initial version was uploaded to gather feedback from the stakeholders (scientists and students), aiming to improve the site along the way. The site has the complete collection of Philippine Men of Science (later renamed as Philippine Men and Women of Science). As such, the public can view some information about Filipino scientists, such as their profiles, and academic and professional contributions and affiliations, including interviews, photos and other related information.

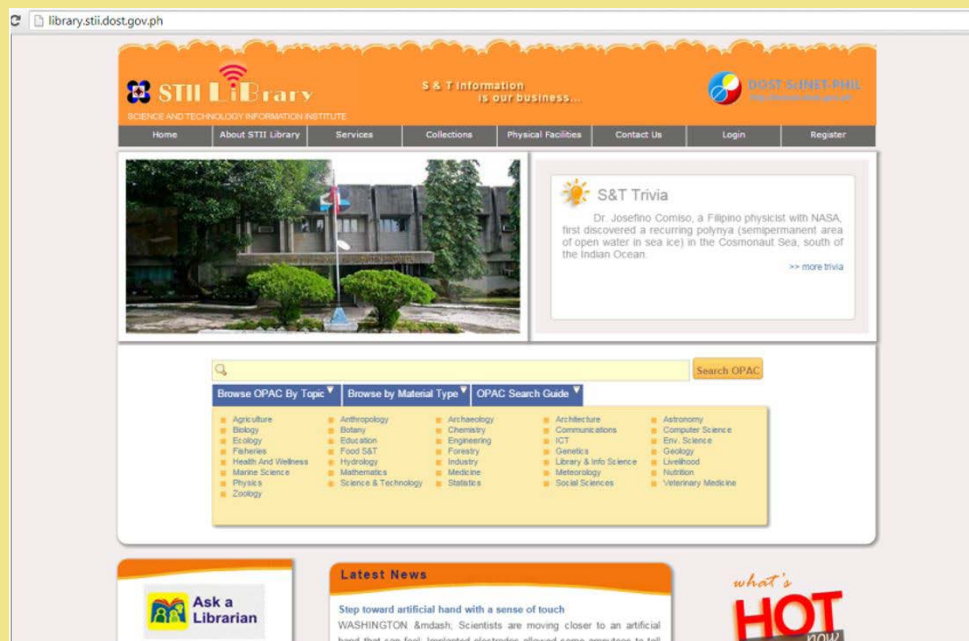
Current profiles available are the members of the National Research Council of the Philippines, National Academy of Science and Technology - Scientific Career System of the Philippines, and University of the Philippines - National Institute of Physics.

3. National Science and Technology Week Website: (<http://nstw.dost.gov.ph>)



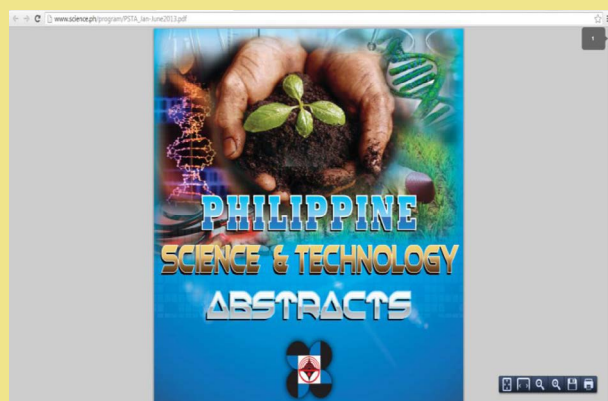
The site gives information and update on the National Science and Technology Week which is celebrated annually. Aside from news and other NSTW-related information, the site also features photos and videos of NSTW events.

#### 4. STII Library Website: (<http://library.stii.dost.gov.ph>)



This site is a virtual tour of the physical library of the STII library. Through the site, users can access the Online Public Access Catalog, check out the library's new acquisitions, and preview the trends in science and technology, and librarianship field.

Our other sites:



The Philippine Science and Technology Abstracts online (URL: [www.science.ph](http://www.science.ph)) features abstracts culled from the S&T published researches, most of which are digitized and uploaded in SILMS.

[science.ph](http://www.science.ph) is the most comprehensive S&T website in the country as it gets real-time science and technology-related RSS feeds from other institutions. It also has photo and video collections that are accessible to the public.





Philippines: A Science Nation Increasing for Global Competitiveness

**2015 science nation**

2015 NATIONAL SCIENCE AND TECHNOLOGY WEEK  
SMX Convention Center  
Sala Shell Lane, Mat of Asia Complex, Pasay City  
24-28 July 2015

[home](#)
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[services](#)
[communications](#)
[scientists directory](#)
[DOST website](#)
[Videos](#)
[Photos](#)
[sitemap](#)
[contact us](#)

### What's Up

- 3rd National Conference in Computer Applications, Technology and Engineering
- 2015 DOST-PCHRD-Grupos Medica Award for Outstanding Undergraduate Thesis in Herbal Medicine
- Iloilo City to host global environmental summit
- COHRED Global Forum on Research and Innovation for Health 2015
- DOST opens junior level science scholarship for HS science teaching

More Bulletins

### Find science.ph on:

Facebook Twitter

Technology and Innovation Summit

Sec. MGM Speech ADB video

S&T POST

The Philippine Men & Women of Science

PHILIPPINE SCIENCE & TECHNOLOGY ABSTRACTS

Photos

SASC-BNAP at DeyED

Science in Livelihood

DOST Chief Names Science Ambassadors

Photo Gallery

How helpful is this site for you?

☐ Very helpful  
☐ Helpful enough  
☐ Slightly helpful  
☐ Not helpful at all

Vote

News / Articles Sites & Databases

**DOST Helps Light Up Ilocos Norte**

The province of Ilocos Norte is among the "brightest" in the Philippines, as every barangay now enjoys the benefits of electricity. Playing a key role in the province's rural electrification program is a forestry technology...

**Latest News**

**DOST's wood ID service helps us learn how ancestors lived**

For 54 years now, DOST's Forest Products Research and Development Institute (FPRDI) - thru its wood identification service - has been helping both local and foreign archaeologists in...

**PAGASA confers Wind Vane Award to DOST Sec. Montejo, eight others**

For his continued commitment to improve weather forecasting capability in the country and to instill the value of disaster risk reduction and management, Department of Science and Technology (DOST)...

- 2015 scholarship qualifiers ink contract, DOST IV-A tops SEI's record of passers
- Health officials put residents on alert vs summer illnesses
- Wanted: Pinoy forensic scientists
- DOST assisting small industries in Central Luzon
- Study seeks to curb Taal fish kill losses
- Climate Reality launches campaign for emissions reduction in lead-up to Paris
- "Selfie Take 2 for Biodiversity" launched

More News

### Videos

DOST-MWF MOA Signing 2015

UPHS 36th Commencement Exercises

JUAN, KONEKI

More Videos

### Featured Blog

**A painful process of transformation**

By: Aristote P. Carandang, PhD

Proponents and supporters of Republic Act 10535 have been jumping for joy since the official implementation of the law on 21 December 2013. This was 15 days after publication of its implementing rules and regulation. By the way, the law is called...

Read More

More Blogs

### Weather Updates

PHILIPPINE STANDARD TIME

02:46:29 PM

18 May 2015 Monday

### The Heart Of A Beautiful Mind

DR. ORVILLE L. BONDODI

DR. ORVILLE L. BONDODI, Bondodi, a professor of Animal Breeding/Genetics in the College of Agriculture, University of the Philippines, Los Baños (UPLB), has made vast contributions in the...

Read More

More Featured Scientists

### Featured Technology

Color sorter technology increases rice productivity for rice traders

The color sorter technology for rice has really paved the way for increased productivity of our current facility," said Leonard M. Garcia who started his rice mill business with his wife...

Read More

More Technologies

### Featured Video

DOST-IX SETUP - Marc's Balut

### Browse By Category

- Health and Medical Sciences
- Agriculture
- Food and Nutrition
- Basic Sciences
- ICT
- Industry and Business
- Energy
- Nuclear
- Natural Disaster and Mitigation
- Education
- Environment & Natural Resources
- Social Sciences
- Technology

### Content Partners

- DOST SchNet-Phi
- HEROIN InOR
- DOST - Biosafety Committee
- Biosafety Clearing-House Of The Phils
- Nat'l Committee On Biosafety Of The Phils

### Online Resources

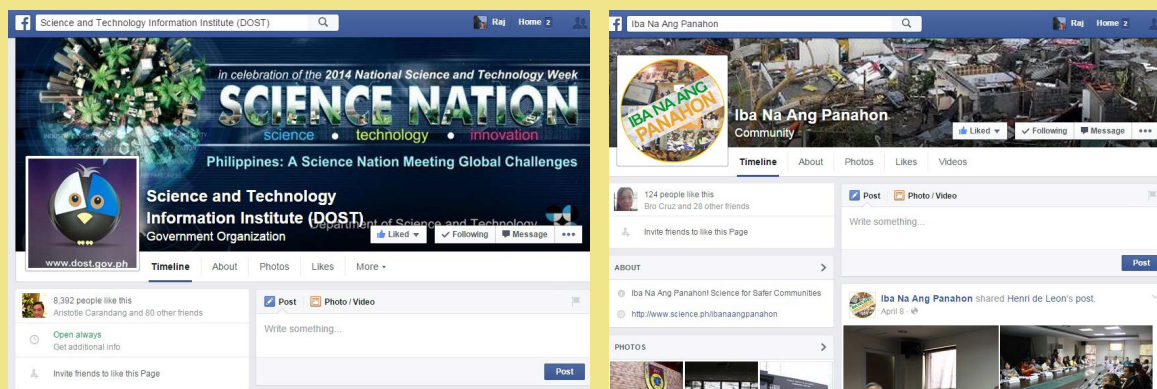
- Philippine Society For The Study Of Nature
- Asia Life Sciences
- PIPAC
- CARRDEC
- Philippine Rice Research Institute
- Klima Climate Change Center
- Philippine Science Centrum
- Science Diliman
- NIOMCARD
- PJNAS

### Other Links

- STARBOOKS
- DOST Mosquito QLT Trap
- Small Enterprises Technology Upgrading Program (SETUP)
- ClimateX-Phi
- Science For International Development Conference

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Home About Us Sitemap Contact Us



To reach various publics through social media, we also put up the :

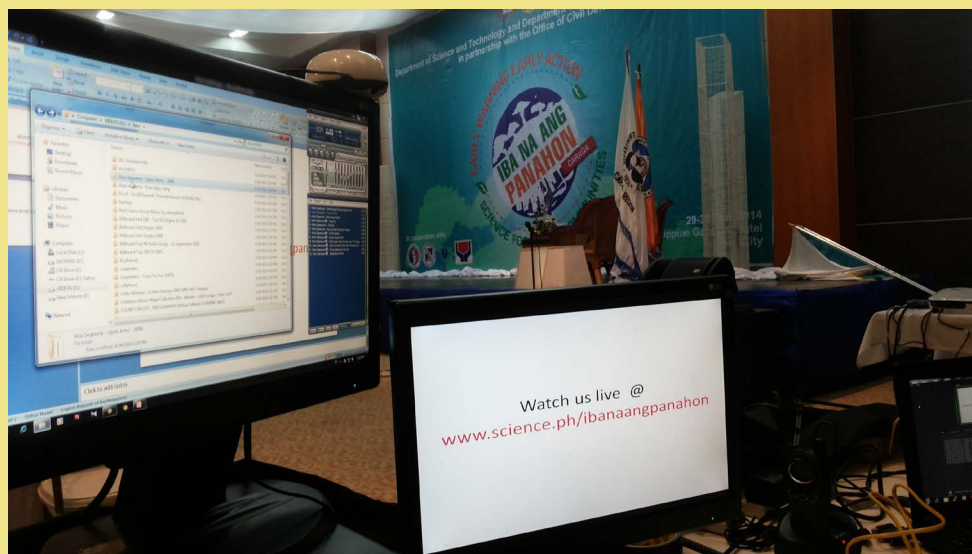
- Science and Technology Information Institute- DOST Facebook page
- Science and Technology Information Institute (Library) Facebook Page
- Iba na ang Panahon Facebook page
- Meron pa ba?

For 2014, we monitored a total of **849,273** users of science.ph, SILMS, and STII website. The number peaked in the second quarter of the year.

2014 TOTAL	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr
849,273	197,769	300,878	145,924	204,702

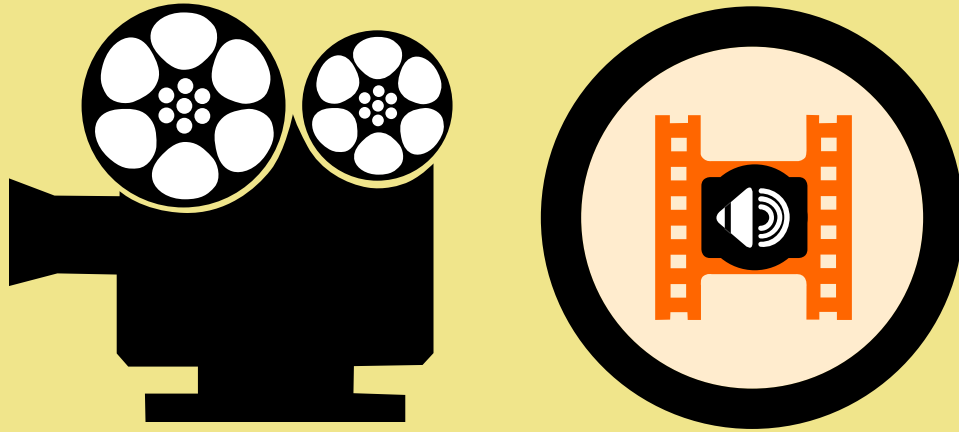
## Livestreaming

To have our events viewed remotely by the public and interested individuals, we put the events on livestream. This year, we had 27 events livestreamed, and most of them were opening programs of the Iba na ang Panahon Roadshow, a nationwide information campaign on disaster preparedness.



## S&T film/video screenings

We likewise held S&T film/video screenings to **805** students from various schools as part of their field trip activities.



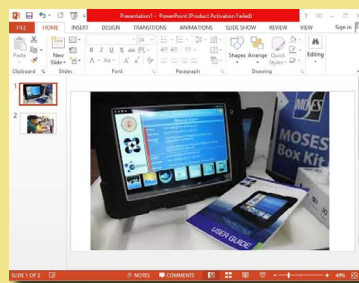
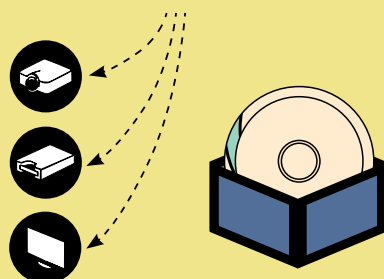


## Photo and Video Documentation

This year, we provided **506** video and photo services to **183** clients or organizations.

Our technical services include:

- photo and video documentation,
- dubbing or reproduction, and
- technical or playback system set-up.



## Audio-visual production

For 2014, we produced 75 audio-visual packages and clips for quick preview or online reference by the public at [www.science.ph](http://www.science.ph).

Included in the production are:

- scripts,
- Powerpoint presentations,
- audio-visual presentations,
- plugs,
- infomercials,
- documentaries, and
- editing of materials into short video clips.





# Our Advocacy

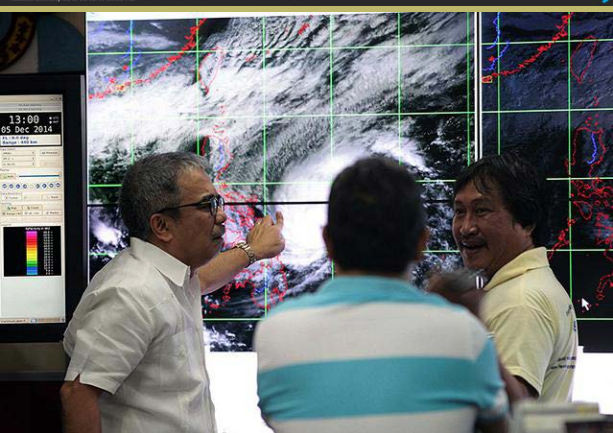
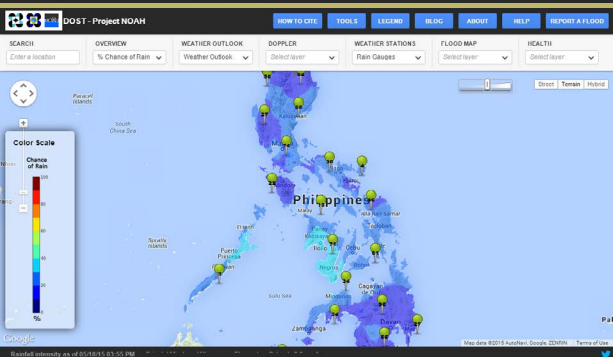
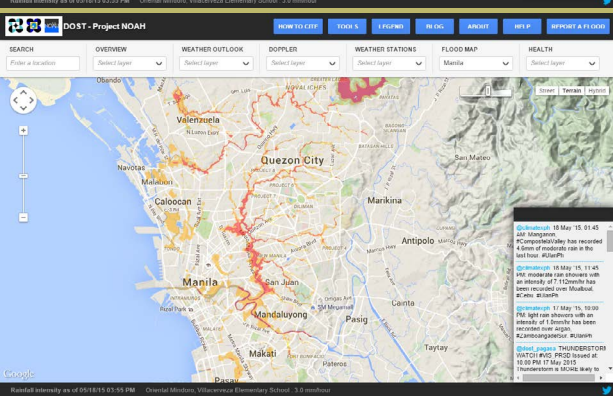
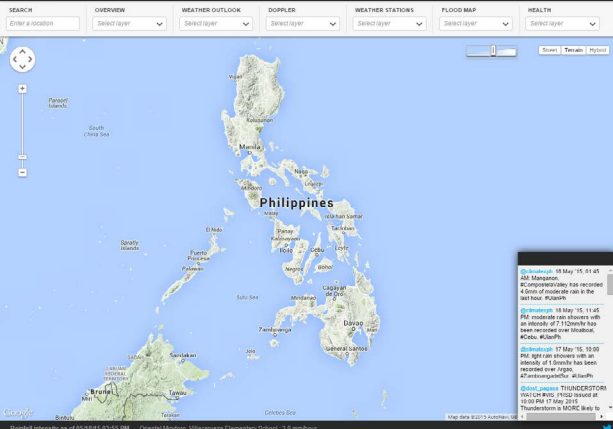
## Juan Time

**On January 6,** 2014 at exactly 8:00 in the morning, DOST including all regional offices, provincial S&T centers, and attached agencies, led all government agencies in the Philippines in simultaneous flag-raising ceremonies to signal the observance of the National Time Consciousness Week from January 1-7, 2014.

The National Time Consciousness Week reflected the importance of the Philippine Standard Time (PhST) which is the subject of Republic Act 10535 or the Philippine Standard Time Act of 2013 – signed into law by President Benigno S. Aquino in May 2013. It is “An Act to Set the Philippine Standard Time in All Official Sources Throughout the Country, to Provide Funds for the Installation, Operation and Maintenance of Synchronized Time Devices to be Displayed in Key Public Places and to Declare the First Week of Every Year as National Time Consciousness Week.”

To promote PhST among Filipinos and help create a culture of punctuality and discipline, STII came up with the Juan Time campaign that pitched the synchronization of all watches, clocks, and time setting devices in the country, including bundy clocks in private and government offices.

On the cultural aspect, Juan Time pushed for the shift of the Pinoy mindset from the “Filipino Time” that is always late to the “Fiipino Time” that is punctual.



# Beyond Targets

Beyond our regular programmed tasks and targets, we had the following major projects in 2014:

## Nationwide Operational Assessment of Hazards

## Project NOAH

Project NOAH's Strategic Communication component under STII ended this year, and in its two years of operation, we promoted and assisted the following components:

- Project NOAH website
- Flood Hazard maps
- Rainfall data every four hours
- Typhoon track via MTSAT data
- Amount of rainfall recorded by rain gauges
- Typhoon Ruby Command Center

We used the following platforms to reach the people:

- MOSES
- ARKO Mobile app
- Social Media

We also:

- organized 12 nationwide Information, Education and Communication (IEC) campaigns, and
- developed the following materials:
  - NOAH Brochure
  - Adopt-a-Family poster for Typhoon Yolanda
  - INAP: S4SC disaster posters
  - RED book
  - S&T Post Special NOAH Edition



## PAMPANGA



## BATANGAS



## ROMBLON







CEBU



CAGAYAN DE ORO



CARAGA



ZAMBOANGA

## Iba Na Ang Panahon: Science for Safer Communities

This project campaigned for disaster preparedness among local government units. The campaign was in collaboration with PAGASA, PHIVOLCS, PCIEERD, Project NOAH, UP-DREAM, and the regional offices, we partnered with the Department of the Interior and Local Government – Local Government Academy (DILG-LGA) and the Office of Civil Defense. We hopped in all the 17 regions of the archipelago, emphasizing Sec. Mario Montejo's battle cry in disaster preparedness: "early warning for early action."

Ultimately, we aimed, through INAP, to prevent, or at least minimize, the loss of lives, property, and livelihood.

With first responders (local government chiefs and local disaster risk reduction and management officers) as our main targets, we promoted the use of scientific tools such as flood models and hazard maps to help them prepare for possible disasters in their areas. After plenary sessions, participants went through workshops that helped them formulate short- and long-term action plans for each possible hazard in their localities.

### INAP 2014 Trivia

Region with biggest attendance	NCR
Most prolific hosts	DOST Regional Office IX for hosting twice (for Zamboanga and ARMM)
First INAP leg	Region III
Last INAP leg	NCR

We covered 17 regions in **THREE** months!

# STARBOOKS

Our one-stop info shop for S&T information materials, a stand-alone digital library with hundreds of thousands of S&T materials sourced out from the STII Library and other online resources.

STARBOOKS is definitely populating. Since its launch in 2011, STARBOOKS already has 363 sites all over the Philippines as shown below:

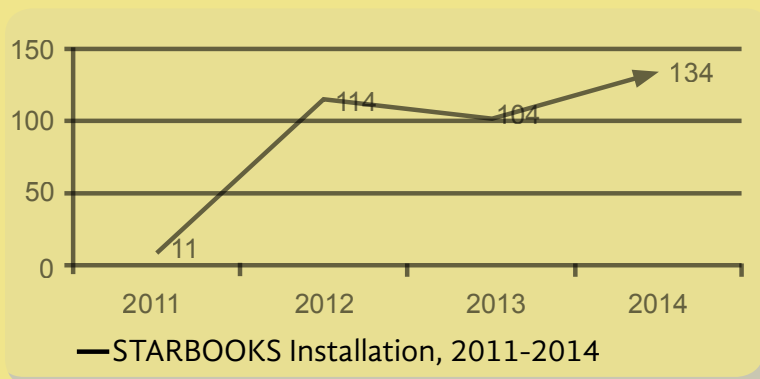


Figure 7. STARBOOKS Installations, 2011-2014.

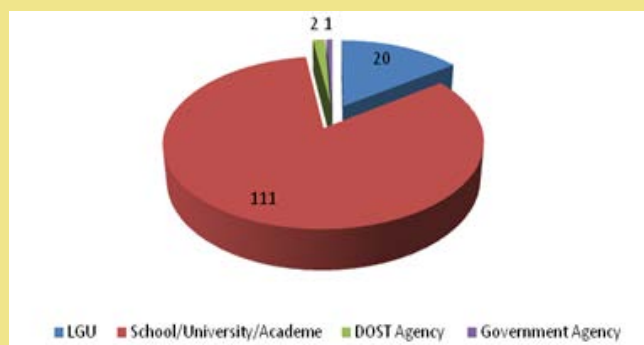
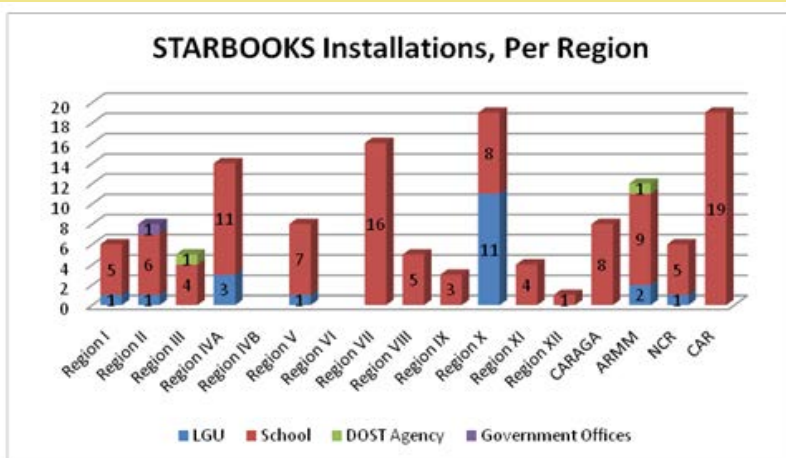


Figure 8. STARBOOKS Installations, by category.





**Figure 7. STARBOOKS Installations, per Region**



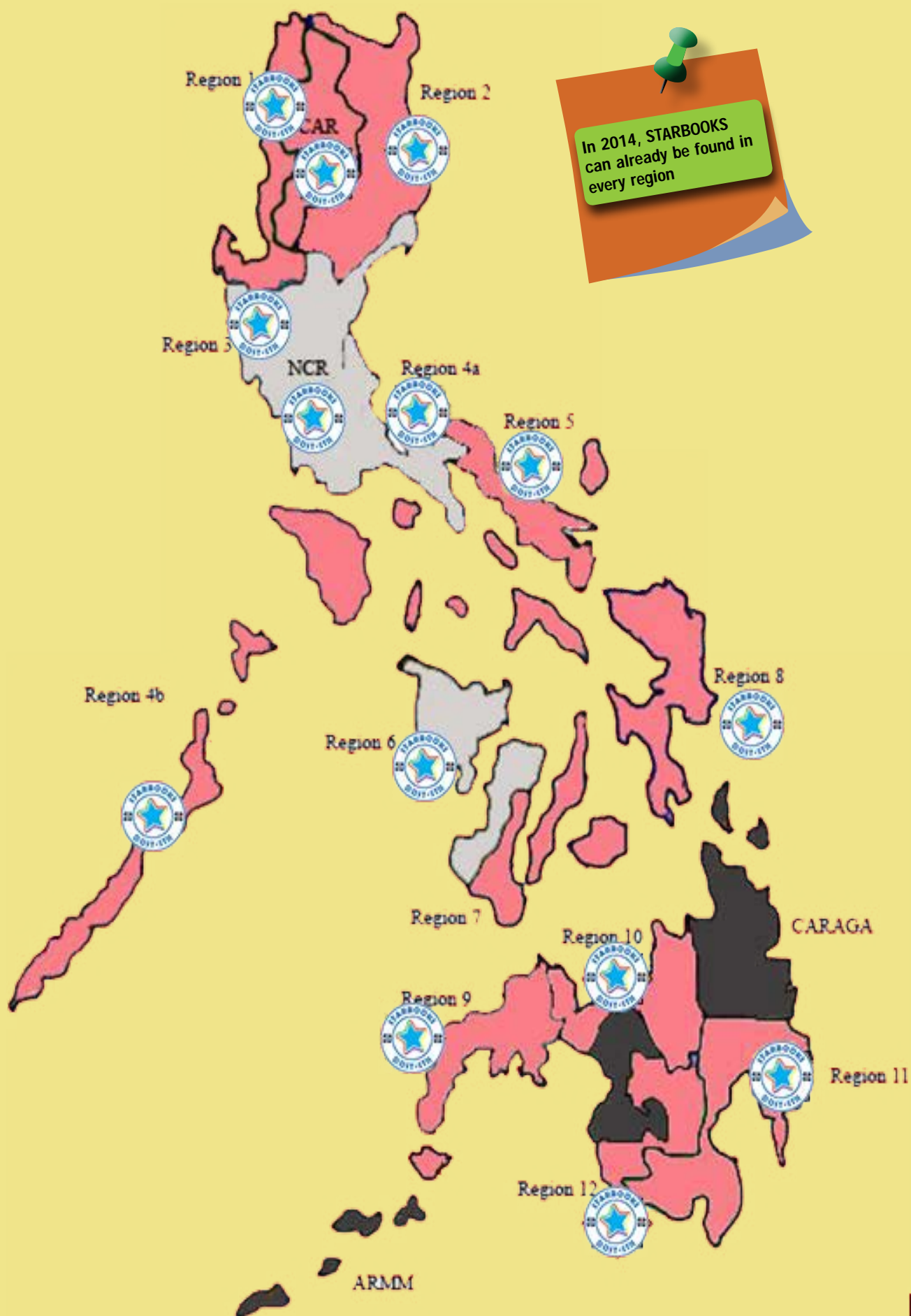
## STARBOOKS 2014 Trivia

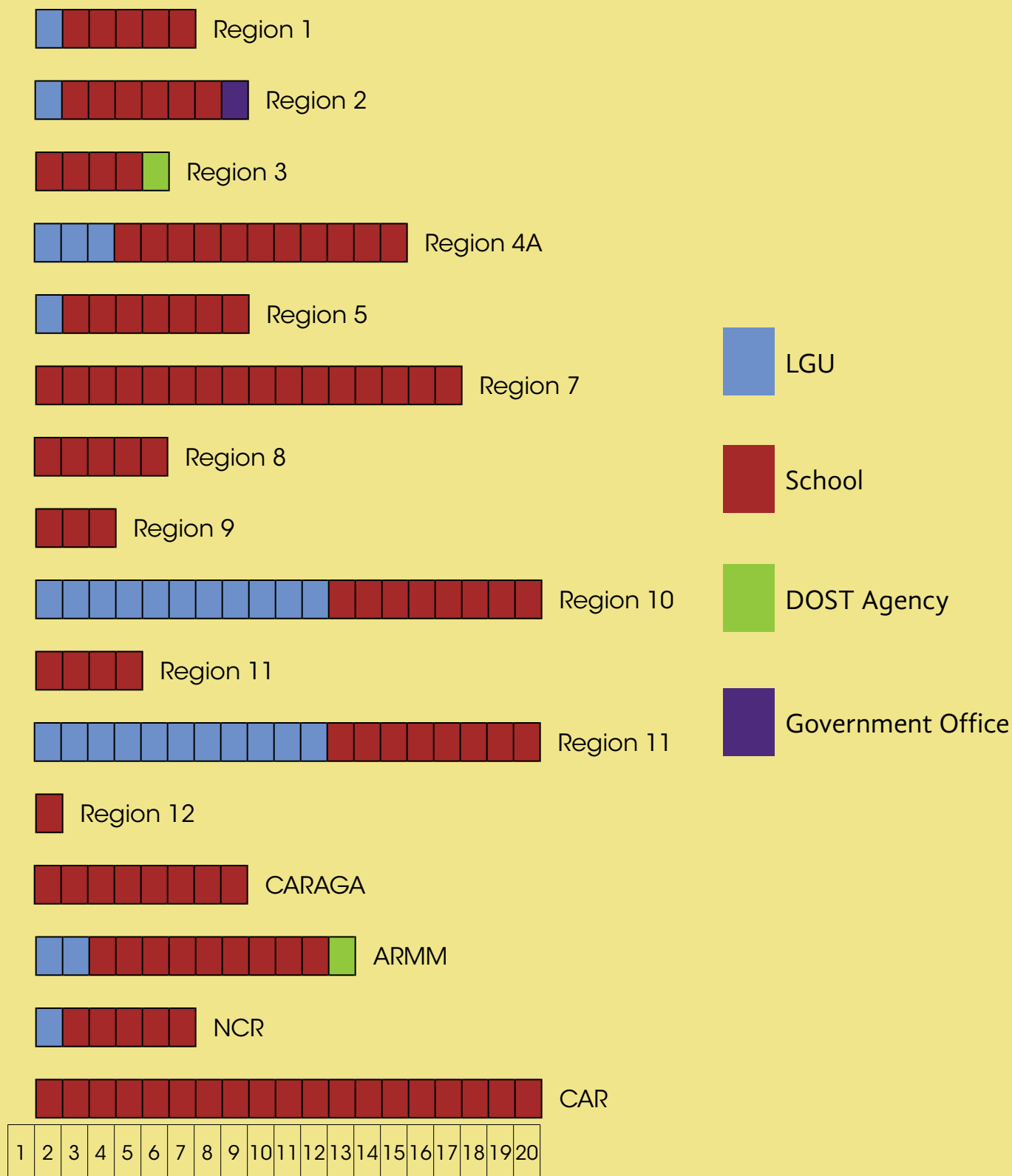
### Most STARBOOKS installed:

**Regions X and CAR at 19 sites each**  
**STARBOOKS sites in CAR:**  
**All academic institutions**

**STARBOOKS sites in Region X**  
**Combination of LGUs and academe**  
**First ever STARBOOKS installation**  
**ARMM (12 sites) and CARAGA (8 sites)**

- 28** sites visited
- 85** System installation conducted
- 52** Trainings and consultancies provided (for validation)
- 99** Number of sites serviced
- 1,051** Aggregate number of training and consultancy participants







## National Science and Technology Week (NSTW)

Dubbed “Philippines: A Science Nation Meeting Global Challenges,” the NSTW took up all four halls of the SMX Convention Center in Pasay City and ran from July 24-28 to include one full weekend.

With the Eight DOST Outcomes as the main exhibit attraction, we conceptualized the Outcome 8 exhibit area which focuses on disaster preparedness.

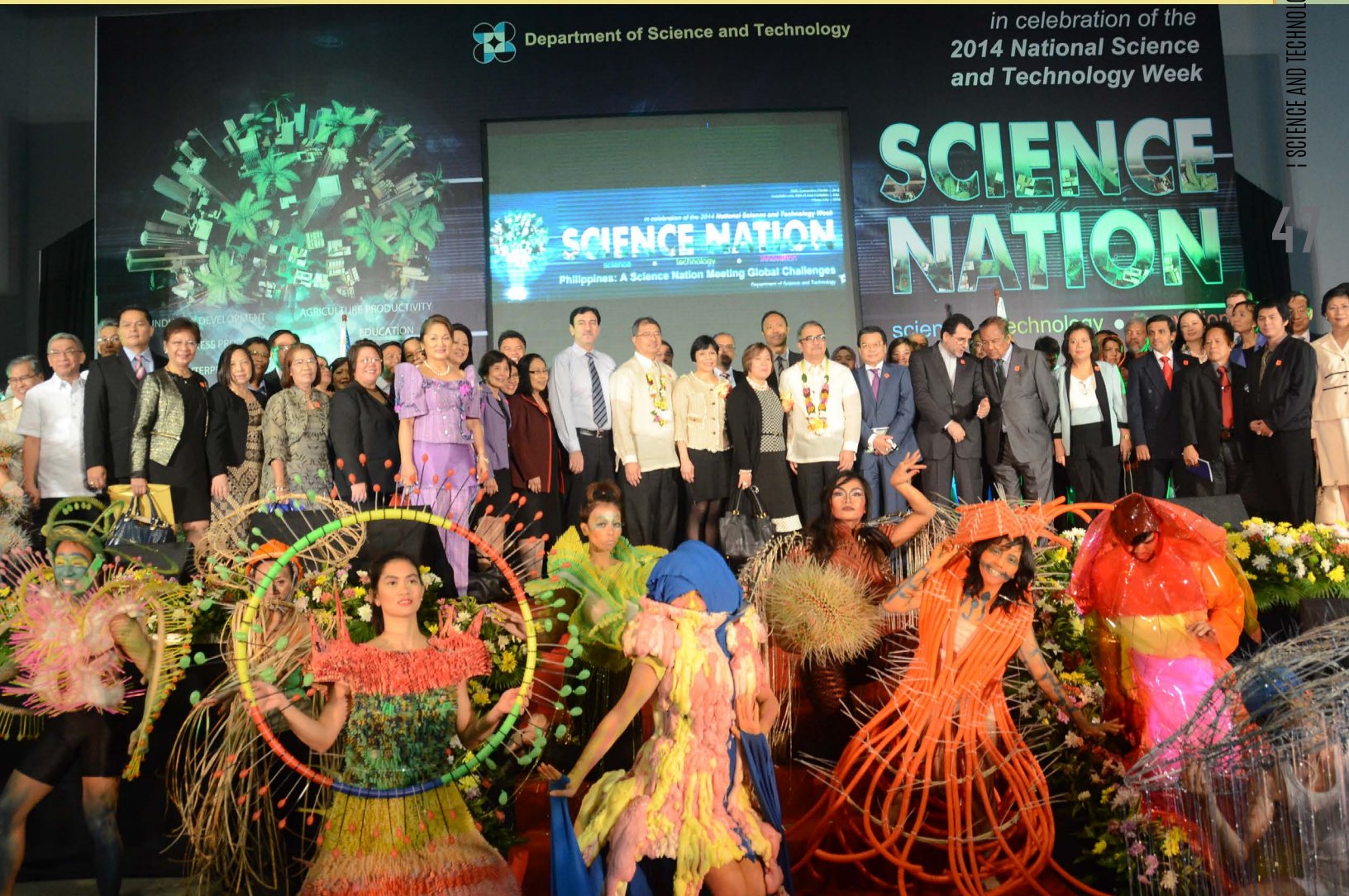
We also introduced Smarty – the official NSTW mascot conceptualized and designed by STII in 2013, who made its grand first appearance that wowed the audience, especially the young at heart.

For this event, we rolled out a massive promotional campaign that included the following:

- Banners installed in Quezon City, Ortigas, Makati, and along Roxas Boulevard
- LED Boards installed in Makati, Ortigas, and Quezon City
- Thematic AVP
- Radio and TV plugs
- Article supplements which appeared in Manila Bulletin and Philippine Star on July 23, and in Philippine Daily Inquirer and Business Mirror on July 24
- STII Publications: S&T Post, DOST Digest, BalitangRapiDOST
- Visits to government agencies, namely the Taguig City Hall and the Technical Skills and Development Authority, to invite officials, employees, and their clients to NSTW











## KBP Seminar for Responsible Media Reporting

**In** collaboration with PAGASA and the Kapisanan ng mga Brodkasters ng Pilipinas (KBP), this Seminar-workshop for Responsible Media Reporting was held in Luzon (Tuguegarao City), Visayas (Cebu City), and Mindanao (Butuan City, Davao City). The seminar aimed to equip local

broadcast reporters with the know-how on proper dissemination of weather news information using non-technical, layman's terms delivered in a complete and detailed manner.

One of the featured speakers in the Davao leg was professional broadcast journalist Ted Failon.





## Media Project Visits (part of INAP:S4SC)

Concurrent with the conduct of INAP: S4SC, STII also assisted host regional offices for project visits for the media to various beneficiaries of DOST's SETUP (Small Enterprise Technology Upgrade Program).





## Building Back Libraries Project

In early 2014, out of great desire to help areas ravaged by Super Typhoon Yolanda, DOST-STII, through DOST Assistant Secretary Raymund E. Liboro, conceptualized the “Building Back Libraries Project.” Through this project, the areas along the Yolanda Corridor will receive donated books (in print or in electronic format), videos, and other library resources. The project was implemented through a DOST Memo signed by Secretary Mario G. Montejo in February 14, 2014.

STII likewise aimed to prepare 100 “Libraries-in-a-Box” for distribution to 100 schools in 100 days. Each “Library in a Box” contain 100 pieces of books as starter library package appropriated for the level of the school beneficiary – elementary, high school and college.

There were a total 15 donors to this project including one high school, six DOST agencies (FPRDI, PNRI, ICTO, PCAARRD, NAST and SEI), one Non-Government Organization (IRRI), one private corporation (EISI) and six private individuals.

The Electronics Information Solutions, Inc. which celebrated its 20th year on September 8, 2014, donated boxes of books as part of the company’s Corporate Social Responsibility program. IRAD Chief, Rosie R. Almocera, along with Dr. Aristotle P. Carandang and Arlene C. Centeno, CRPD and FAD chiefs, respectively, received the donated books. Also present was Mr. Gerson Cepe of the Commission on Audit.





## General Management and Supervision

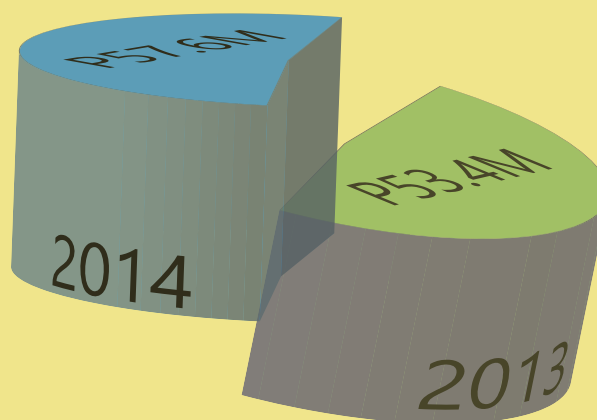


We **beat the box** and think out of it to provide creative solutions and full support to our technical divisions.

# FINANCE and ADMINISTRATION

Our expenditures for 2014: **P57.6 M**

These are the sources of our funds:



**Table 1. Expenditure by Expense Class**

Expense Class	Amount ( in Million pesos)
Personnel Services	33.3 M
Maintenance and Other Operating Expenses	21.9 M
Capital Outlay	2.4 M
<b>TOTAL</b>	<b>57.6 M</b>

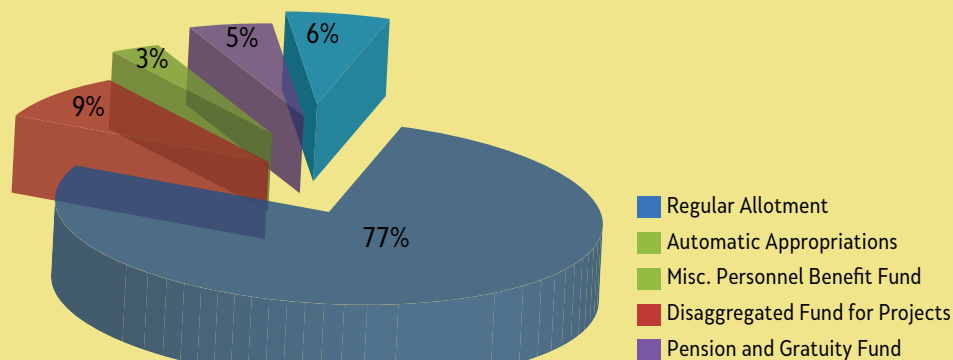


Figure 9. Fund sources

**Table 2. GIA Funded Projects FY 2014**

GIA Project	Donor	Amount
Philippine Journal of Science Publication	CHED	200,000.00
Science and Technology Academic and Research Based Openly Operated Kiosks Stations (STARBOOKS)	DOST-OSEC	1,422,628.65
S&T for Smarter Philippines: Publicity, Promotion and Special events for NSTW 2014	DOST-OSEC	3,944,248.00
Science Content Transformation and Visualization for Disaster Risk Reduction	DOST-OSEC	1,881,872.00
Production of Institutional Videos on Science Activities Based on the LAB BOX kit of Hands-On Minds-On Microscale Chemistry (HOMOMICH)	DOST-OSEC	150,000.00
Iba na ang Panahon: Science for Safer Communities	DOST-OSEC	20,560,904.00
Iba na ang Panahon: Science for Safer Communities- Region 3	Region III- Tarlac	10,000.00
Iba na ang Panahon: Science for Safer Communities- Region 3	Region III- Pampanga	100,000.00
Iba na ang Panahon: Science for Safer Communities- Region 3	Region III- Aurora	70,000.00
<b>TOTAL</b>		<b>28,339,652.65</b>

## Our accomplishments for 2014

**Disbursement Budget Utilization Rate**

$$= \frac{\text{Disbursement}}{\text{Obligations (MOOE + CO)}} \times 100$$
**94%**  
 4% higher than target

**Obligations Budget Utilization Rate**

$$= \frac{\text{Obligations}}{\text{Allotment}}$$
**95%**  
 5% higher than target




We also submitted **complete** financial statements and reports to the Commission on Audit in 2014.

# Physical Accomplishments

For 2014, STII exceeded its targets and we are proud of it!

MFO: Science and Technology Information Services

PI set 1: Science and Technology Information Reference Services

	Target	Actual Accomplishment
<p>Quantity: Number of clients served</p> 	286,000	1,026,298
<p>Quality: Percentage of clients who rated the service as “satisfactory” or better</p> 	90%	95%
<p>Timeliness: Percentage of inquiries where reference materials were provided within 5 minutes</p> 	90%	97%



PI set 2: Science and Technology Promotion Services

Quantity: Number of promotion services rendered

	Target	Actual Accomplishment
Quantity: Number of clients served		
	547	958

Quality: Percentage of clients who rated the service as “satisfactory” or better

	90%	90%
-----------------------------------------------------------------------------------	-----	-----

Timeliness: Percentage of inquiries where reference materials were provided within 5 minutes

	90%	175%
-------------------------------------------------------------------------------------	-----	------

# Our Profile

Total number of STII permanent employees: **52**

By educational attainment



**1 PhD**



**12 MA/MS**



**27 AB/BS**



**12 Post HS**



**33**

**19**

**Table 2. STII Personnel Profile by Age**

Age Bracket	No. of Personnel
21-30	6
31-40	11
41-50	15
51-60	16
61-up	4
TOTAL	52

**Table 3. By Field and Research Work**

Natural Science	2
Engineering and Technology	12
Agricultural Science	1
Medical Science	1
Social Science	9
Humanities	6
Others	21
TOTAL	52

List of STII Employees as of December 31, 2014

**FINANCE AND ADMINISTRATIVE DIVISION**

1. Arlene E. Centeno	Chief Administrative Officer , Chief-FAD
2. Marilou C. Leelian	Accountant III
3. Cecille Rose B. Ramos	Administrative Officer V
4. Marites B. Pablo	Administrative Officer V
5. Cristeta S. Olivar	Administrative Officer V
6. Ma. Teresa M. Rosqueta	Administrative Officer V
7. Nenita G. Balbalosa	Administrative Officer V
8. Jose Herminio D. Sandoval	Administrative Officer IV
9. Jean B. Arabes	Administrative Officer IV
10. Jesus P. Diwata	Admin Assistant III
11. Jona M. Bernal	Admin Assistant III
12. Cynthia L. Corcuera	Admin. Assistant I
13. Romulo S. Rodriguez	Admin Aide IV
14. Jaime V. Reyes	Admin Aide IV
15. Hanna T. Barrientos	Admin Aide I
16. Ma. Rachel Diana S. Mesias	Admin Aide I

**INFORMATION RESOURCES AND ANALYSIS DIVISION**

17. Rosie R. Almocera	Chief Science Research Specialist, Chief-IRAD
18. Maribel B. Palafox	Supervising Science Research Specialist
19. Geraldine B. Ducusin	Supervising Science Research Specialist
20. Alfon B. Narquita	Senior Science Research Specialist
21. Marilyn C. Villamero	Information System Researcher III
22. Louise Ian T. De Los Reyes	Science Research Specialist II
23. Josefina A. Mahinay	Science Research Specialist II
24. Annie Lyn D. Bacani	Science Research Specialist II
25. Marievic V. Narquita	Science Research Specialist II
26. Robelyn M. Cruz	Science Research Specialist II
27. Jessica T. Barrientos	Science Research Specialist II
28. Michelle D. Tabilog	Science Research Specialist II
29. Kayle Ann T. Trigo	Science Research Specialist I
30. Nelly B. Agpawa	Science Research Specialist I
31. Lloyd Frederick R. Mandapat	Science Research Specialist I
32. Arjay C. Escondo	Science Research Specialist I
33. Susana O. Abada	Science Research Assistant
34. Jeffrey T. Centeno	Reproduction Machine Operator II

# COMMUNICATION RESOURCES AND PRODUCTION DIVISION

35. Aristotle P. Carandang	Chief Science Research Specialist , Chief-CRPD
36. Mona Carina E. Montevirgen	Supervising Science Research Specialist
37. Benedict P. Cagaanan	Supervising Science Research Specialist
38. Framelia V. Anonas	Senior Science Research Specialist
39. Maria Judith L. Sablan	Information Officer III
40. Ma. Lilibeth P. Padilla	Information Officer III
41. Espie Angelica P. De Leon	Information Officer III
42. James B. Initia	Science Research Specialist II
43. Mario B. Buarao, Jr	Science Research Specialist II
44. Gerardo C. De Jesus	Science Research Specialist II
45. Henry A. De Leon	Audio-Visual Aids Technician IV
46. Valiant P. Rosales	Printing Press Supervisor
47. Joy M. Lazcano	Science Research Specialist I
48. Rosalina B. Millan	Science Research Analyst
49. Teddy R. Amante	Audio-Visual Aids Technician III
50. Gerardo D. Palad	Photographer II
51. Ferdinand D. Cartas	Printing Machine Operator II
52. Arlene C. Celestino	Printing Machine Operator II
53. Bryan Ray I. Torres	Printing Machine Operator II

## Retired/Resigned

1. Jesus P. Diwata	retired effective February 1, 2014
2. Albert Joseph SP. De Los Santos	resigned effective March 1, 2014
3. Elsa T. Calumay	retired effective July 25, 2014
4. Josefina A. Mahinay	retired effective September 19, 2014
5. Valiant P. Rosales	retired effective January 1, 2015

## New

1. Jona M. Bernal	Administrative Assistant III Effective March 28, 2014
2. Kayle Ann T. Trigo	Science Research Specialist I Effective July 30, 2014
3. Bryan Ray I. Torres	Printing Machine Operator II Effective October 9, 2014

#### **Contractuals (General Fund)**

1. Maria L. Ardieta
2. Carlo O. Nebria
3. Ceajay V. Valerio
4. Avegail T. Canonice
5. Jonathan De Guzman
6. Rodel S. Esguerra
7. Rajyl M. Muleta
8. Ladisla T. Quindoyos
9. Maria Luisa S. Lumioan
10. Vincent F. Tuyor
11. Divine Grace M. Licas
12. Grace Ann Castaño

### **Strategic Communication Intervention for the NOAH Program Project**

1. Jose Gabriel Virgil Mabutas
2. Rodolfo De Guzman
3. Anna Theresa Valmero
4. Suzette Dalumpines
5. Chamagne Kerr Fidelino

### **National Science and Technology Week Project**

1. John Anthony P. Pastoral
2. Dominic V. De Mesa

### **Iba na ang Panahon: Science for Safer Communities Project**

1. Mark A. Andaya
2. Allan Mauro V. Marfal
3. Ma. Lotuslei P. Dimagiba
4. Kasfhi Nicole Patricio
5. Mark Vincent A. Clutario
6. Irene A. Crisologo
7. Jhonard John L. Garcia
8. Mart Cyrel M. Geronia
9. Jonalyn C. Madriaga
10. Peter Mark L. Dela Cruz

### **STARBOOKS**

1. Francis Albert M. Ferrer
2. Jodel R. Predilla

### **Philippine Journal of Science**

1. Shirley Marie S. Bernardo



# Organizational Chart

