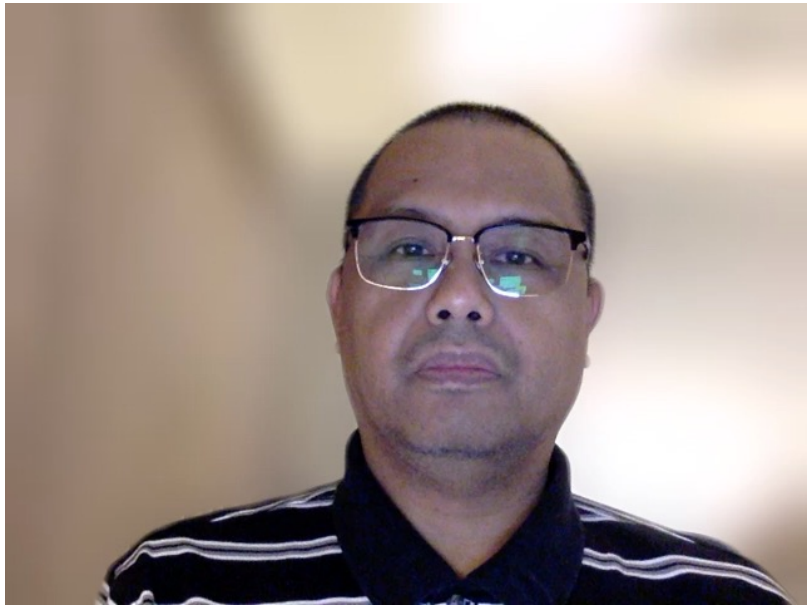
The Harmonized National Research Agenda (2022-2028)

A Research Road Map for Science, Technology, and Innovations (STI)

BERNARDO N. SEPEDA, Ed.D.

Executive Director
National Research Council of the Philippines
Department of Science and Technology



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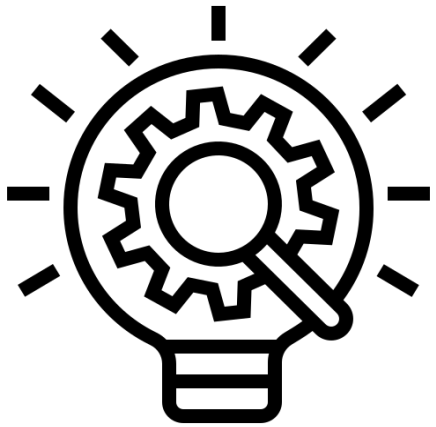


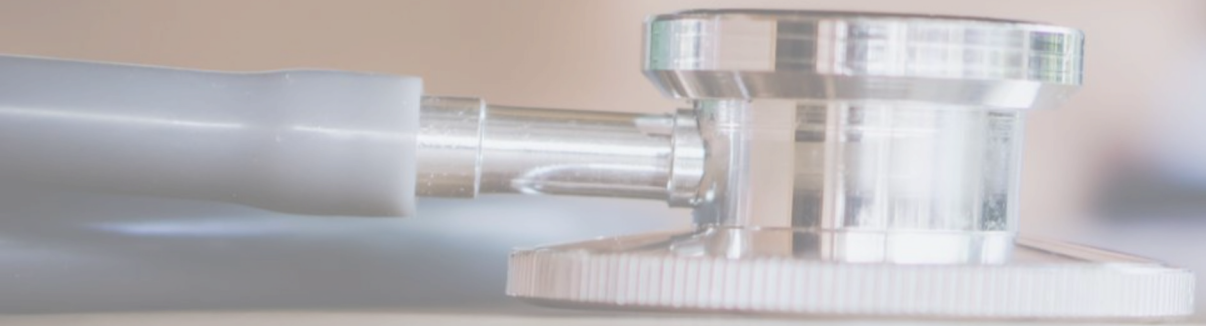
Why do research?

- Satisfy our curiosity
- Answer our WHYs
- Make sense of our experiences
- Contribute to achieve a better future

By 2040, Filipinos enjoy a strongly rooted ***(Matatag)***, comfortable ***(Maginhawa)***, and secure life ***(Panatag na Buhay)***.

Role of Scientists

Scientific Research as a Public Trust

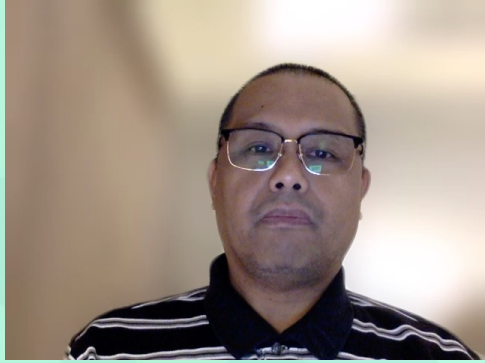


Research

Teaching

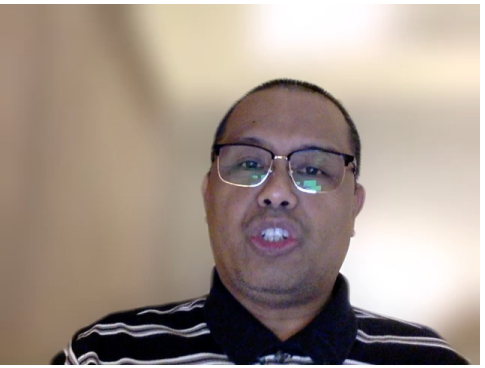
Service

Research as a way of life (spirituality)



Transdisciplinary research

(International Science Council)



Be Transdisciplinary

inclusion of stakeholders

avoidance of hubris

Be Transdisciplinary

partnerships

dialogue

context

multi-actor approach

genuine stakeholder participation

PAGTANAW 2050 - TO BECOME A PROSPEROUS, ARCHIPELAGIC, MARITIME NATION BY 2050

2040

MATATAG, MAGINHAWA AT PANATAG NA BUHAY

2028

ECONOMIC TRANSFORMATION FOR A PROSPEROUS, INCLUSIVE, AND RESILIENT SOCIETY

Science, Technology, and Innovation (STI) for a Resilient, Unified and Sustainable Philippines

DOST

Republic of the Philippines
Department of Science and Technology
DOST
HARMONIZED
NATIONAL
RESEARCH AND
DEVELOPMENT
AGENDA 2022-2028

National Integrated Basic Research Agenda (NIBRA)

Health (Virology)

Agriculture, Aquatic and Natural Resources (AANR)

Industry Energy and Emerging Technology

Disaster Risk Reduction and Climate Change Adaptation (DRR CCA)

DOST Research themes and priority areas (2016-present)

Pro-active, Smart, and Innovative People	Competitive and Resilient Economy	Efficient, Clean, and Sustainable Environment	Collaborative and Reliable Institutions
Human Wellbeing	**Wealth Creation**	**Sustainability**	**Wealth Protection**
Learning, Education, & Culture	Health and Wellbeing	Food and Agriculture	Industrial Solutions	Transport and Mobility	Energy and Utilities System	Environment and Natural Resources	Climate, Disaster Resilience, and Human Security	Governance
Achieve Quality Education	Improve Health and Nutrition Interventions	Ensure Food Security and Safety	Strengthen Provision of STI Support to SMSMEs, Production/Industrial Sectors		Intensify environmental Sustainability	Strengthen CDRR and Management	Advance R&D and Innovation
			Build Smart and Sustainable Cities and Communities		Enhance Ecosystem and Community Resilience		Scale up Technology Transfer
Strategic Research	Technology Transfer	Capacity Development	Policy Development and Advocacy				

Who are we?

- ✓Created by way of **Act 4120** in 1933
- ✓Attached agency to the **DOST**
- ✓One of the four **research** councils
- ✓A **scientific and collegial body** of > 5000 members
- ✓13 **Scientific** Divisions

NRCP MANDATES (ACT 4120)

1. Promotion and support of fundamental or basic research;
2. Foster linkages with local and international scientific organizations;
3. Provide advice on problems and issues of national interest;
4. Promotion of scientific and technological culture to all sectors of society.

National Integrated Basic Research Agenda (NIBRA)

SUSTAINABLE COMMUNITIES
SAKLAW Program
Saklolo sa Lawa

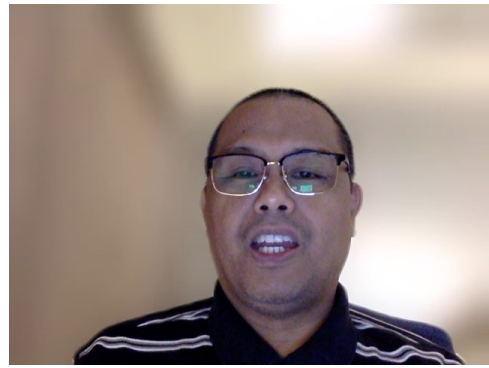
INCLUSIVE NATION BUILDING
ATIN Program
Ang Tinig Natin

HEALTH SUFFICIENCY
LIKAS Program
Likas Yaman sa Kalusugan

FOOD AND NUTRITION SECURITY
SAPAT Program
Saganang Pagkain Para sa Lahat

CLEAN ENERGY
ALERT Program
Alternative Energy Research Trends

WATER SECURITY
TUBIG Program
Tubig ay Buhayin at Ingatan



POLICY RESEARCH

Demand-driven research for evidence-based legislation

Policy Research Projects

SUPPORTED AND/OR REQUESTED BY SOLON/S, OR SENATE/HOUSE COMMITTEE/S, OR THE LGU/S

EXPECTED OUTPUTS MAY INCLUDE A POLICY ANALYSIS, PROPOSED AMENDMENT/S, OR DEVELOPMENT

RESULTS MAY SERVE AS SUPPORT TO BILLS/LEGISLATIONS FILED AND TO BE FILED BY THE SOLON/S

RESULTS MAY SERVE AS INPUTS TO ORDINANCES AND PLANS OF LGUS

MAXIMUM OF ONE (1) YEAR PROJECT DURATION

HOUSE OF REPRESENTATIVES

NATIONAL RESEARCH COUNCIL OF THE PHILIPPINES

The Chairs of the Committee on Science and Technology, Visayas Development, and Bases Conversion together with the National Research Council of the Philippines (NRCP) advocates the utilization of research towards evidence-based policymaking

HON. CARLITO S. MARQUEZ
Chair, Committee on Science and Technology

HON. FAUSTINO "INNO"A. DY V
Chair, Committee on Bases Conversion

HON. LOLITA KAREN T. JAVIER
Chair, Committee on Visayas Development

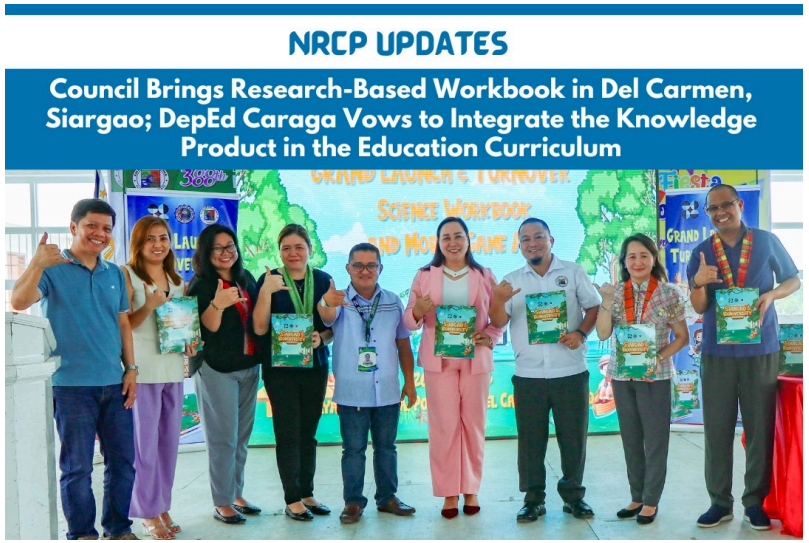
NRCP RESEARCH FORUM AND AGENDA SETTING FOR POLICY DEVELOPMENT

Pre-register through scitechcongress@yahoo.com or at 8931-5001 local 7120. 100 slots only.

June 7 and 8, 2023, 8:00 AM - 5:00 PM
Speaker Nograles Hall, South Wing Annex (SWA) Bldg., House of Representatives

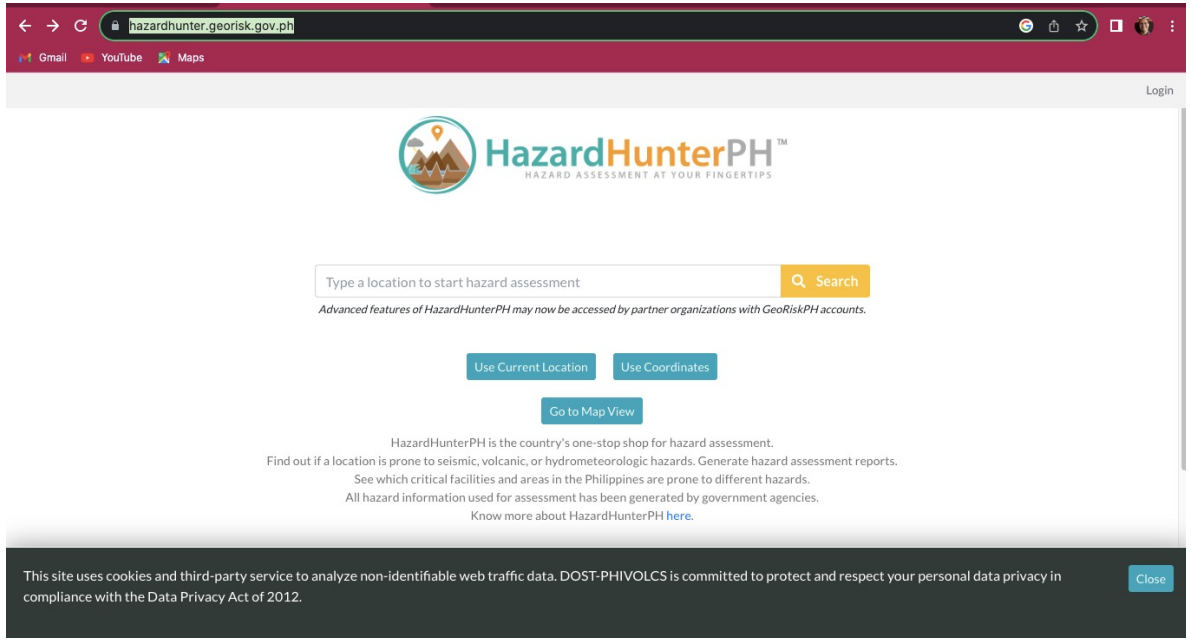
Biodiversity Inventory, Assessment and Conservation for Ecotourism Development in Mt. Agad-Agad, Lanao del Norte

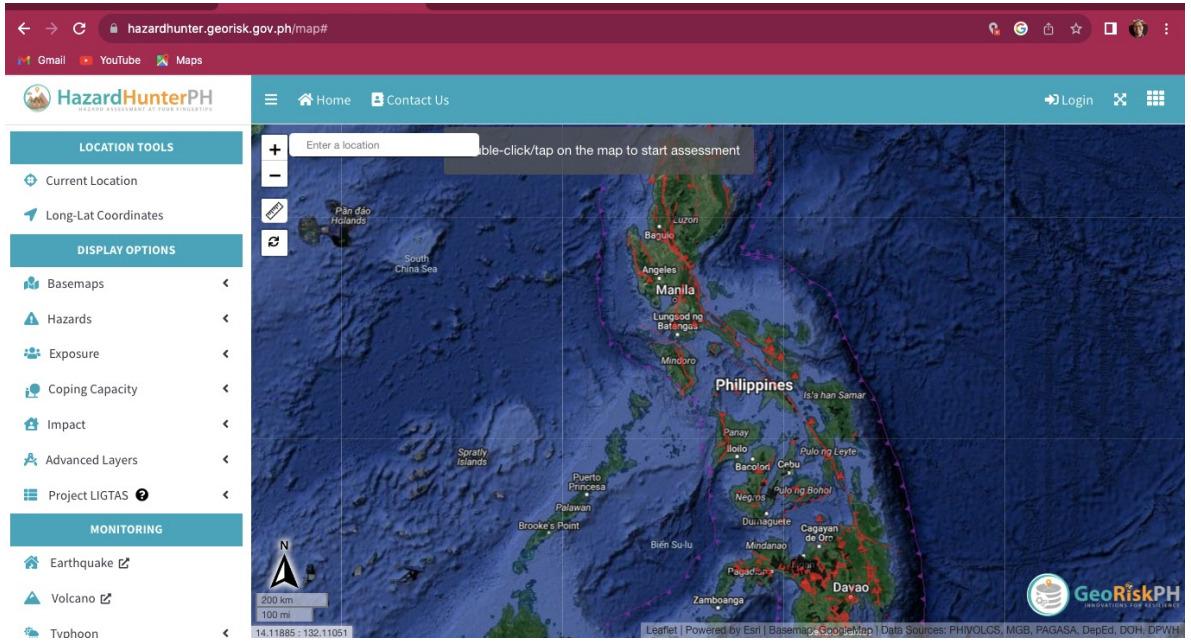
Research partnership with the LGU of Del Carmen, Siargao Island about their Biodiversity and ecosystem.



Other existing services available to the public

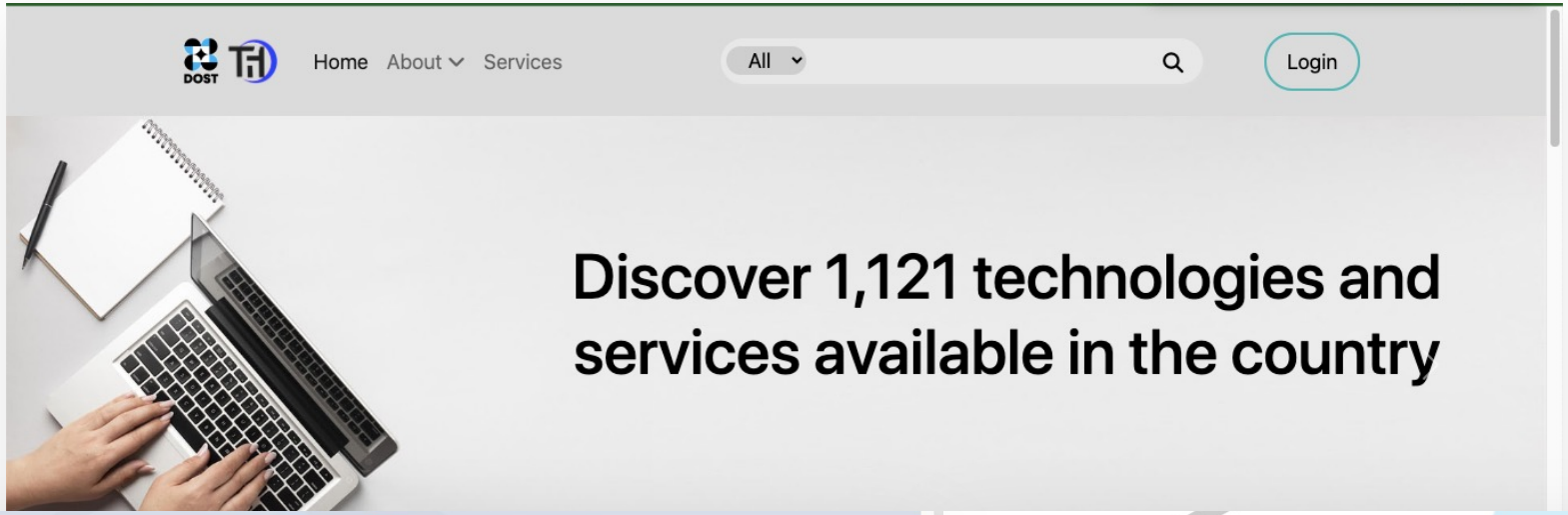
Hazard Assessment (https://hazardhunter.georisk.gov.ph/)

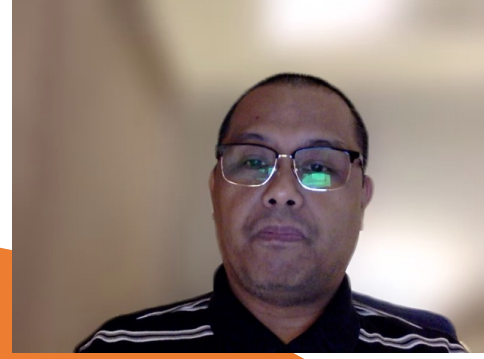




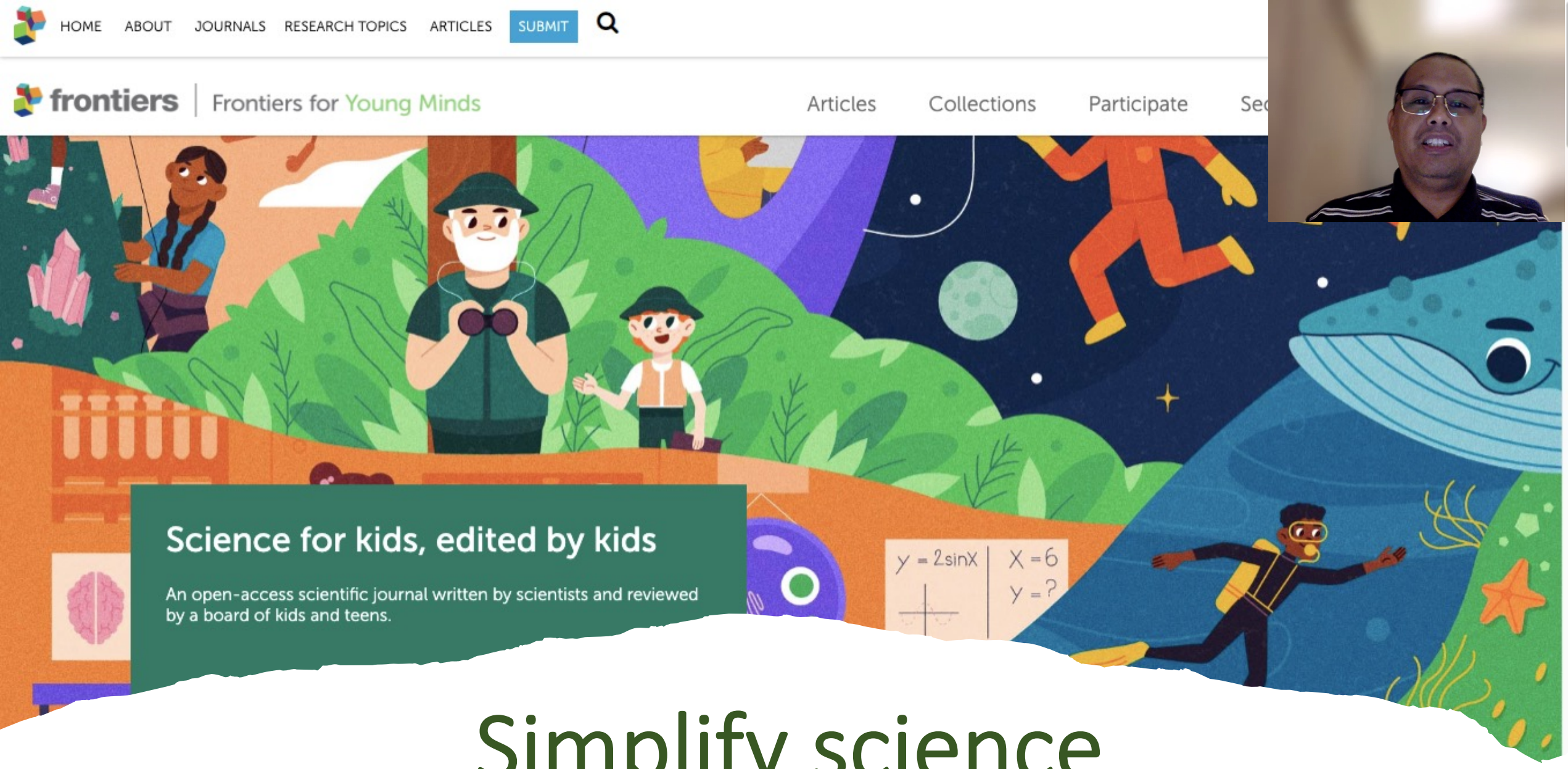
Technology Hub

(https://techub.dost.gov.ph/)





Moving forward actions



Simplify science

Go to the community

Bridging the Utilization of R&D results through Awareness and Dissemination (BURDA) for Community Empowerment through Science and Technology (CEST).

Agham para sa Pamayanan
June 16, 2023 from 8:45 AM to 4:00 PM |
BURDA FOR CEST
TRAINING AND WORKSHOP ON BASIC CONCEPTS OF SCIENCE POPULARIZATION AND USE OF KNOWLEDGE PRODUCTS
DOST REGION VII, IX, CAR, NCR, AND CARAGA
Opening Message
ENGR. SANCHO A. MABBORANG
DOST Undersecretary for Regional Operations
Introduction to BURDA
DR. BERNARDO N. SEPEDA
NRCP Executive Director III
Training Facilitator and Consultant
MS. ALETHEIA C. ARANETA
NRCP Associate Member, Division of Social Sciences
RESEARCH PROPONENTS AND KEY INFORMANTS
Make-ALAM sa pakiramdam
DR. MARIA CECILIA G. CONACO
NRCP Regular Member, Division of Social Sciences
ANI`yan
DR. AMPARO WAGAN
NRCP Associate Member, Division of Agriculture and Forestry
Malaginto, Salagubang
DR. RIZALYN CUDERA
Five Star sa BioChar
DR. GINA V. PANGGA
DR. MEREDITH D. LABARDA
NRCP Associate Member, Division of Medical Sciences
Usapang Reproduksyon
DR. GLORIA LUZ M. NELSON
NRCP Regular Member, Division of Social Sciences
(02) 8837-6141
www.nrcp.dost.gov.ph

NRCP AND DOST XII SHARE RESEARCH-BASED KNOWLEDGE PRODUCTS WITH T'BOLI PUPILS IN ILS

BURDA for CEST
FEATURED EPISODES
Usapang Reproduksyon
Exploring the Links of the Incidence of Teenage Pregnancy and Natural Disaster: The Case of Eastern Visayas, Philippines
Ang Republic Act 10354 o ang Responsible Parenthood and Reproductive Health Act of 2012 na kaakibat din ng DepEd Order No. 31 series of 2018, ay nagmamandato sa gobyerno na paigtingin ang pagtuturo ng Comprehensive Sexuality Education sa mamamayang Pilipino.
PREGNANCY TEST KIT
nationalresearchcouncil

LINUAN
JAG
DELLES

OLGA EXPLAINS:
SCIENTISTS ARE PEOPLE TOO!
Many people think that scientists are all geniuses.
Some are, but most scientists are people like you and me.
THEY CAN PLAY SPORTS
OR READ COMIC BOOKS
HA HA!
or do tons of ordinary stuff.
Scientists often make mistakes.
GN.
I WAS WRONG.
RRIP
I'LL TRY AGAIN.
That's how they learn.
Scientists don't know everything.
WHAT DO DOLPHINS EAT? I HAVE NO CLUE.
LET'S LOOK IT UP!
Scientists often need help from others.
I CAN'T GET THE MATH RIGHT. CAN YOU GIVE ME A HAND?
Scientists didn't always have the best grades when they were young.
SO WHAT ARE THE THINGS THAT ALL SCIENTISTS HAVE IN COMMON? THEY ARE
CURIOUS
AND THEY LIKE TO LEARN ABOUT THE WORLD AROUND THEM.
SO, YEAH. YOU CAN BE A SCIENTIST, TOO!
©elise gravel

Be human

Live out the Ubuntu principle

An anthropologist proposed a game to the kids in an African tribe. He put a basket full of fruit near a tree and told them that whoever got there first won the sweet fruits. When he gave them the signal to run they all took each other's hands and ran together, then sat in a circle enjoying their treats. When he asked them why they chose to run as a group when they could have had more fruit individually, one child spoke up and said: "UBUNTU, how can one of us be happy if all the other ones are sad?"

'UBUNTU' in the Xhosa culture means: "I am because we are"

Realizing these visions is a collective efforts

Sources

- https://futures.council.science/publications/transdisciplinary
- https://pcieerd.dost.gov.ph/images/pm-toolkit/general-references/Approved_Harmonized_National_RD_Agenda_2017-2022.pdf
- https://nrcp.dost.gov.ph/
- https://hazardhunter.georisk.gov.ph/
- https://techub.dost.gov.ph/

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nrcpinfo@nrcp.dost.gov.ph

8-837-6141 to 43/ 839-0275

Thank you!

@aidosepeda