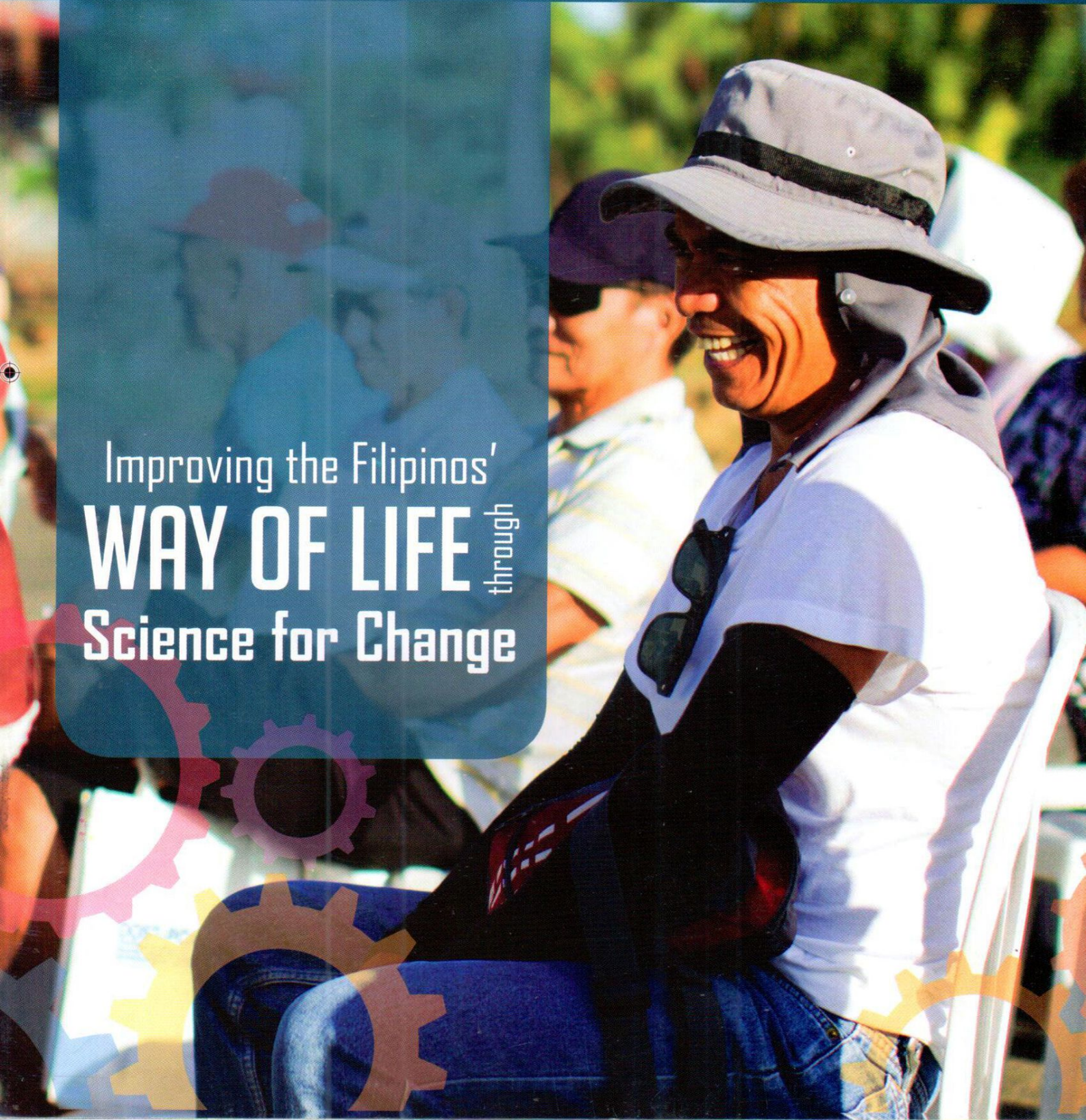


DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE COUNCIL FOR AGRICULTURE, AQUATIC AND NATURAL RESOURCES RESEARCH AND DEVELOPMENT

the **PCAARRD** 

monitor

■ VOL. 3 | ■ NO. 1 | ■ JANUARY – JUNE 2018 | ■ ISSN 0116-3140



Improving the Filipinos'
WAY OF LIFE through
Science for Change

the PCAARRD monitor

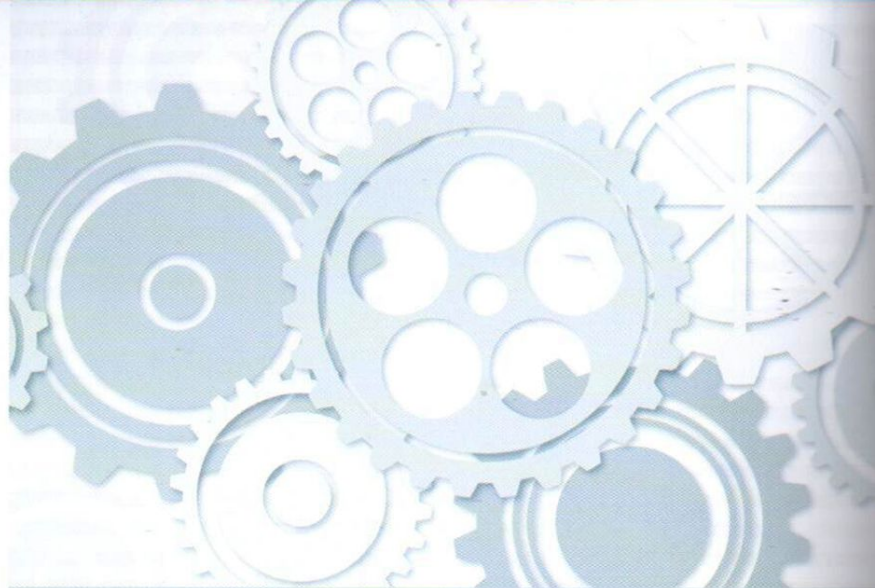
Editorial Staff

Editors	Joel Eneristo A. Joven Katrina Marie V. Mananghaya
Editorial Assistant	Marina T. de Ramos
Circulation Staff	Andres Serdan A. Dimasapit
Layout Artist	Katrina Marie V. Mananghaya
Writers/Contributors	Edna A. Anit Ricardo R. Argana Rose Anne M. Aya Monica B. Castillo Michelle A. De Vera Ofelia F. Domingo Jocelyn E. Eusebio Alissa Carol M. Ibarra April Rose A. Itchon Katrina Marie V. Mananghaya Joel Norman R. Panganiban Leilani D. Pelegrina Eirene Grace C. Zaragoza Marie Joy L. Zuraek
Cover Photographer	Nikkei Antonio A. Que
Editorial Advisers	Reynaldo V. Eborá Edwin C. Villar Melvin B. Carlos Marita A. Carlos

The **PCAARRD MONITOR** is the newsletter of DOST-PCAARRD, Los Baños, Laguna, Philippines. It highlights policy issues, developments, and breakthroughs pertaining to Philippine agriculture, aquatic, and natural resources research and development efforts. Manuscripts, particularly from members of the national research system, are welcome and will be considered for publication. The views of the authors do not necessarily reflect those of DOST-PCAARRD.

DOST-PCAARRD
Los Baños, Laguna, Philippines 4030
Tel. Nos. (63-49) 536-0014; 536-1956; 536-2305; 536-2383;
536-5907; 536-6980; 536-7927
Fax Nos. (63-49) 536-0016; 536-7922
E-mail pcaarrd@pcaarrd.dost.gov.ph
Website <http://www.pcaarrd.dost.gov.ph>

Re-entered as SECOND-CLASS MAIL at Los Baños Post Office, Laguna under Permit No. 2017-04 dated May 11, 2017.



WHAT'S INSIDE

MESSAGE FROM THE EXECUTIVE DIRECTOR

Accelerating S&T and innovation developments 1

NEWS

Boosting human resources and global development through Science for Change	2
PCAARRD Exec tackles Council's HNRDA updates	8
When the blue sea turns red	11
Farmers to benefit from SARAI Phase 2 program	12
PCAARRD: Excellence in agriculture, aquatic, and natural resources innovations	14

FEATURE

Savoring the gifts of indigenous vegetables in the Philippines	16
What's in for soybean	19

TECHNOLOGY

Green gold for a greener economy	20
Advancements in mangrove crab hatchery and nursery technologies and survival rate	22
Alternative crop shelter design increases yields of high-value crops in the highlands	24

EVENTS

NOMCAARRD holds Bamboo and goat FIESTA 2018	26
---	----

POLICY

Are we ready for AEC? The Case of Philippine Crops Sector	28
---	----

OFF-THE-PRESS

PCAARRD launches El Niño Publications	32
---------------------------------------	----