

# SERP-P NEWS

Innovating Knowledge Exchange in Policy Research



September 2019

## Socioeconomic Issue on Spotlight CLIMATE CHANGE

### ANNOUNCEMENTS

#### CALL FOR SUBMISSIONS



SEARCA is now accepting photo submissions for the **SEARCA Photo Contest 2019!** Submit online via <https://photocontest.searca.org/>

#### EVENT



#### MSc Data Science Cebu Roadshow

October 19, 2019 | 9:30 AM – 12 PM  
Cebu Waterfront Hotel  
Reserve your seat now at <https://go.aim.edu/msdsvism.in>. Event is free but seats are limited.

Climate change is one of the most critical issues facing mankind in the 21st century. Its adverse impacts continue to intensify, affecting communities, societies, and economies across the globe.

Often, those who have less in life are more at risk, especially when they live in disaster-prone areas. **Rola et al. (2015)** found that households in lowland areas are more vulnerable to the impacts of climate change, hence, the importance of an early warning system to prepare for extreme events.

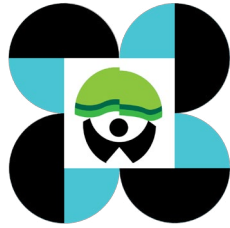
Moreover, **Thomas et al. (2012)** noted that communities located in risk-prone areas need to have more access to catastrophic insurance and be provided with incentives to precautionary savings. The same authors underscored that adaptation and mitigation actions should be considered and mainstreamed in development policy to reduce the risk of climate change to lives and livelihoods and increase the resilience of communities.

In terms of specific consequences to the Philippine economy, **Ancog et al. (2012)** found a decline in the yields of agricultural products in the Philippines due to climate change. According to their study, there was a sharp fall in the volume of production of the four major crops—rice, corn, sugarcane, and coconut—between 1975 and 2001. Tropical cyclones in the same period had also caused damage to agriculture estimated at PHP 3 billion.

The rise in sea level caused by climate change has also contributed to the loss of agricultural lands in low-lying coastal areas. Saltwater intrusion of

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**PARTNER-INSTITUTION ON SPOTLIGHT**  
**Philippine Council for Agriculture,**  
**Aquatic and Natural**  
**Resources Research**  
**and Development**  
**(PCAARRD)**



The Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD) is one of the sectoral councils of the Department of Science and Technology (DOST). The Council formulates policies, plans, and programs for science and technology-based research and development (R&D) in the agriculture, aquatic, and natural resources sector. It also coordinates, evaluates, and monitors the sector's national R&D efforts.

PCAARRD actively collaborates with international, regional, and national organizations and funding institutions for joint R&D, human resource development and training, technical assistance, and exchange of scientists, information, and technologies. The Council implements its program primarily through its Research and Development and Extension Consortia that are located all over the country.

Know more about PCAARRD here: [www.pcaarrd.dost.gov.ph](http://www.pcaarrd.dost.gov.ph)

Check PCAARRD's SERP-P publications here: [https://serp-p.pids.gov.ph/institutions\\_details?id=25](https://serp-p.pids.gov.ph/institutions_details?id=25)



**DOWNLOAD THE LATEST**  
**DEVELOPMENT RESEARCH NEWS**

Lack of good governance can hinder the successful implementation of good policies while the absence of the latter can make the former ineffective and inefficient. This year's Development Research News (DRN) features articles focusing on governance and policy issues faced by the mining, forestry, agriculture, health, and education sectors. Completing this issue are articles on poverty risk management, an infographic on valuation of women's work in the context of the Philippines, and a piece reporting on this year's Development Policy Research Month theme. Also in this quarter's DRN, the PIDS conveys its deepest sympathies to the family of the late Dr. Ponciano Intal Jr., a well-loved administrator and one of the brains behind PIDS research studies on international trade, regional integration, and ASEAN.

**17th Development Policy Research Month**  
**September 2019**



The month of September is celebrated across the country as Development Policy Research Month or DPRM pursuant to Presidential Proclamation 247 signed in 2002. The theme for this year is "Navigating the New Globalization: Local Actions for Global Challenges" or in Filipino, "Paglalayag sa Bagong Globalisasyon: Lokal na Pagkilos sa mga Pandaigdigang Hamon". The DPRM is intended to encourage the use of data and evidence in planning and policymaking among the country's leaders and the public at large. It also aims to raise the public's literacy on socioeconomic issues.

The DPRM is led by the Philippine Institute for Development Studies, the country's foremost socioeconomic think tank.

To know more about the DPRM, visit <https://dprm.pids.gov.ph>.

groundwater resources has intensified in the northern part of Luzon, which is mainly an agricultural region (**Ancog et al. 2012**).

Businesses and industries have also been directly affected by the impacts of climate change. The **Energy Development Corporation (2018)**, for instance, disclosed that the frequency of events attributed to climate change has increased its annual insurance premiums from PHP 294 million in 2009 to over PHP 1.3 billion in 2018. In the last seven years alone, its geothermal operations have been interrupted and damaged by typhoons, such as *Yolanda* and *Sendong*, and the Leyte earthquake of 2017. These natural disasters left close to PHP 10.5 billion of property damage and business interruption losses.

**Ancog et al. (2012)** urged the government to implement adaptation policies related to the correct pricing of natural resources and insurance to address market failures. They also recommended investing in climate-proofing infrastructures, such as dikes, small water impoundments, and seawalls, to increase the adaptive capacity to climate change.

Meanwhile, **Rola et al. (2015)** urged the government to come up with operational policies focusing on the knowledge, education, and information system for communities in using weather data for their agricultural decisions.

There is also a need for a more concerted action to minimize the impact of climate-related events and adapt to climatic trends. Better climate mitigation and climate adaptation, such as accelerating plans

for the clean development mechanism of the Kyoto Protocol and refining hazard mapping and various risk assessment systems, are essential (**Thomas et al. 2012**).

The Socioeconomic Research Portal for the Philippines (SERP-P) has a collection of studies on climate change. In addition to those cited earlier, worth checking out, among other studies, are those by **Reyes et al. (2009)** on incorporating regional rice production models in rice importation, **Elazegui et al. (2017)** on integrating climate information in agricultural extension, **Sajise et al. (2016)** on climate change adaptation in Southeast Asia, **Bihn et al. (2018)** on impacts of climate change on agriculture and fisheries in the coastal areas, and **Dacuycuy and Baje (2017)** on intersecting weather variability and chronic food poverty.

For other related studies, simply type “climate change” in the search box of the SERP-P website.

## Other SERP-P Resources on Climate Change

- [Plant Adaptation to Environmental Stresses: A Key Challenge to Rice Food Security](#)
- [Impact of Climate and Land-Use Changes on Water Quality](#)
- [Income Effects of the Palayamanan System of Farming in Rainfed Areas in Pamplona, Camarines Sur and Milagros, Masbate](#)
- [State of the Art of Climate Information System \(CIS\) in the Philippines](#)

### SERP-P FEATURED RESEARCHER

## Prof. Solita Collas-Monsod

Solita Collas-Monsod, Professor Emeritus of Economics at the University of the Philippines School of Economics (UPSE), is a prominent educator, economist, broadcaster, writer, and political analyst. Popularly known as “Mareng Winnie”, Prof. Monsod has been teaching at the UPSE since 1963. Her commitment to teaching and public service earned for her the Most Outstanding Alumna Award for 2005 given by the UP Alumni Association.

She served as the fifth director-general of the National Economic and Development Authority and concurrently socioeconomic planning secretary of the Philippines from 1986 to 1989.

To check the publications of Prof. Monsod in SERP-P, simply type “Monsod, Solita” in the search box of the SERP-P website.



## Rural Development and Food Security Forum 2019

Date: 28-30 October 2019



For further information, visit: <https://www.adb.org/news/events/rural-development-and-food-security-forum-2019>

## 5th Electronic Government Procurement (e-GP) Conference

Date: 1-2 October 2019

Venue: ADB Headquarters, Manila, Philippines

For more info, email: [myuson1.consultant@adb.org](mailto:myuson1.consultant@adb.org) ;

## WATCH



5th Mindanao Policy Research Forum: Navigating the Challenges of the New Globalization: Local Actions for Mindanao

Revisit one of the main activities of the 17th Development Policy Research Month (DPRM)—the 5th Mindanao Policy Research Forum (MPFR) held on September 10, 2019, at the Mindanao State University Graduate School campus in General Santos City. Just go to <https://bit.ly/2ojYJJV> for the playlist.

The 5th MPRF was organized by the Philippine Institute for Development Studies (PIDS), Mindanao Development Authority (MinDA), and MSU-GenSan in celebration of DPRM 2019. The forum focused on the theme “Navigating the Challenges of the New Globalization: Local Actions for Mindanao”.

## CAREER OPPORTUNITIES

Career opportunities at **PIDS**  
Career opportunities at **NEDA**  
Career opportunities at **INNOTECH**  
Career opportunities at **SEARCHA**  
Career opportunities at **ADB**  
Career opportunities at **BSP**  
Career opportunities at **AIM**

If you want your forthcoming events, latest publications, and other announcements to be included on the *SERP-P News*, contact:

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## LATEST SERP-P RESOURCES

- Senior High School and the Labor Market: Perspectives of Grade 12 Students and Human Resource Officers
- DRN 2019 Vol. 37 No. 3: Corruption, IP issues beset PH mining
- Best Practices of Secondary Level Alternative Delivery Modes (ADM) in Southeast Asia: A Case Study of the Multi Entry-Exit System in Indonesia
- Best Practices of Secondary Level Alternative Delivery Modes (ADM) in Southeast Asia: A Case Study of the ADM Program for Island Learners in Vietnam
- K TO 12 TOOLKIT: Resource Guide for Teacher Educators, School Administrators and Teachers
- Integrating Education for Sustainable Development into Secondary Education Social Studies Curriculum in Southeast Asia
- Policy Research on Access to Quality Basic Education For Muslim Learners
- Project Small Schools Management for Lifelong Learning (Project SMaLL)
- Nurturing Critical and Creative Thinkers through Inquiry-Based Teaching and Learning in Early Childhood Care and Education
- Re-examining the Responsiveness of Secondary Level Alternative Delivery Modes
- Understanding the New Globalization: Implications for the Philippines
- Strengthening Institutional Links for Irrigation Water Governance
- Evaluation of National Irrigation Systems in the Philippines
- Harnessing the Fourth Industrial Revolution: Creating Our Future Today (Proceedings of the Fourth Annual Public Policy Conference 2018)
- Forest Protection in the Philippines: Policy Evolution and Sector Outcomes
- The Evolution of APEC and its Role in Philippine Trade and Investment
- Issues on Communal Irrigation Systems in the Philippines
- ‘Starting Where the Children Are’: A Process Evaluation of the Mother Tongue-Based Multilingual Education Implementation
- DRN 2019 Vol. 37 No. 2: Improve performance of boys in PH educ - PIDS study
- 3rd Mindanao Policy Research Forum: Federalism as a Policy Option for a Decentralized Inclusive Development: A Critical Inquiry

## DOWNLOAD THE PIDS BOOK

*Harnessing the Fourth Industrial Revolution: Creating Our Future Today*

(Proceedings of the Fourth Annual Public Policy Conference 2018)

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### SERP-P Team at PIDS:

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