



## Philippine Society for the Study of Nature, Inc. (PSSN)

TIN 005-866-117-000 SEC Reg. No. B200000647

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Website: <http://www.pssnonline.org>

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30 July 2021

**Prof. Dr. Sukendah**

Vice Rector for Academics

Universitas Pembangunan Nasional Veteran Java

Surabaya. Indonesia

Dear Dr. Sukendah:

Greetings from the Philippine Society for the Study of Nature, Inc.!

We are cordially inviting you as a Plenary Speaker during the 20<sup>th</sup> Annual Scientific Conference of the Philippine Society for the Study of Nature, Inc. dubbed as **the International Conference on Nature Studies and Innovations for the Environment 2021 (ICONSIE 2021)**. This e-conference will be held on 26-27 November 2021 via Zoom with the theme “*Nature Exploration, Education, and Innovations during a Disruption.*” It is expected to bring together local and foreign researchers, academicians, civic society, and government organizations to create a discursive environment for the sharing of initiatives that promote sustainability, innovations, and flexibility in research endeavors, resource utilizations, environmental management, and environmental education in times of disruptions.

In view of your expertise and experience, may we invite you to talk on the topic “*Nature Study and the Disciplines*” on November 26, 2021? We are attaching here a copy of the brochure of the conference as well as the PSSN profile for your reference. You can also visit our website, <http://www.pssnonline.org/> for more information on our conferences. For inquiries about PSSN and the conference, you may contact us through [secretariat@pssnonline.org](mailto:secretariat@pssnonline.org).

Should you accept our invitation, may we request a copy of your curriculum vitae? Details of the Zoom will be sent as soon as we receive your acceptance of our invitation.

We are hoping for your kind accommodation of our request.

Very truly yours,

  
**MARIA ANA T. QUIMBO, PhD.**  
*President, PSSN*

# Rationale and Objectives

ICoNSIE 2021 is PSSN's 20th annual scientific conference. With a theme, "Nature Exploration, Education, and Innovations during a Disruption", the conference envisions to create a discursive environment for the sharing of initiatives that promote sustainability, innovations, and flexibility in research endeavors, resource utilizations, environmental management, and environmental education in times of disruptions.

## Sub-themes:

1. Nature Study and the Disciplines
2. Education and Nature: Before and Beyond a Disruption
3. Nature and the Disruptions
4. Nature Explorations and Innovations Addressing Disruptions

## Call for Abstracts

Interested participants can submit their abstracts either for virtual oral or poster presentation. Submitted abstracts will be peer-reviewed. If accepted, the presenter will create a 10-minute video presentation, which will be presented on the allotted day and time of their presentation during the scientific session. The presenter however should be present during the open forum session. Poster presentation will be submitted as e-poster and will be stored in a drive accessible to all participants.

## Call for Best Paper Competition

PSSN is inviting researchers to submit their research papers for this year's competition. Cash prizes and award citation will be given to all winners. Participating author/s should send copy of their full paper to the [secretariat@pssnonline.org](mailto:secretariat@pssnonline.org) with "competing paper" as the subject of the email.

### Abstract Submission

Abstract should be submitted to **Jeffrey B. Prias** through [secretariat@pssnonline.org](mailto:secretariat@pssnonline.org).

### Invited speakers

#### Keynote speaker:

**Dr. Hui Lin Ong**- Associate Professor  
Polymer Engineering Division, School of Materials Engineering, Universiti Malaysia Perlis, Malaysia

#### Plenary speakers:

**Dr. Sukendah**- Vice Rector for Academics, Universitas Pembangunan Nasional Veteran Java, Surabaya, Indonesia

**Dr. Chayanis Krittasudthacheewa**- Deputy Director  
Stockholm Environment Institute, Chulalongkorn University, Bangkok 10330, Thailand

**LTC Joan Lagunda PA (RES), DM, DPA, MNSA**- Assistant Secretary Field Operations- Mindanao and Legislative Affairs Department of Environment and Natural Resources, Central Office Visayas Avenue, Quezon City

**Mr. William Granert, M.Sc.** - Executive Director in  
Soil and Water Conservation Foundation, Inc., Cebu City

## Important dates

- 30 September 2021:** Deadline of abstract submission (oral and poster)
- 30 September 2021:** Deadline of full paper submission (Best Paper)
- 30 September 2021:** Deadline of registration
- 30 September 2021:** Deadline of PSSN Vlogging Contest Entry Submission
- 18 October 2021:** Notice of acceptance
- 12 November 2021:** Pre-Conference Seminar
- 26-27 November 2021:** Conference proper

For Inquiries please contact Mr. Jeffrey Prias through [secretariat@pssnonline.org](mailto:secretariat@pssnonline.org)

## Philippine Society for the Study of Nature (PSSN) Officers and BOT Members Fiscal Year 2019- 2021

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(University of the Philippines Los Baños)

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## Tentative program

12 November 2021

Preconference Seminar  
in "Publishing in an Indexed Journal"  
Resource Speaker: Dr. Inocencio E. Buot Jr.  
(Professor, UPLB and Editor, Journal of Nature  
Studies)

26 November 2021

Morning

Opening Ceremony  
Keynote Speaker  
Awarding of Pillars of PSSN  
First Plenary Speaker

Afternoon

Second Plenary Speaker  
Best Paper Competition  
Poster Competition  
PSSN 20th General Assembly

27 November 2021

Morning

Third Plenary Speaker  
Breakout Session

Afternoon

Fourth Plenary Speaker  
Breakout Session  
Awarding of winners (Best paper, poster,  
Vlogging Contest)  
Closing Ceremony

## Registration Fee

Participants Categories	Registration fee
Local	₱1500
Foreign	\$50

Payment may be made through the Society's bank account/ GCash/ Palawan Express/ Western Union information as follows:

**Current Account Name:** Phil Society for the Study of Nature

**Current Account Number:** 0911014645

**Branch:** BPI Los Baños, Laguna, Philippines.

**Gcash:**

**Account number:** 09634065580

**Account name:** Jeffrey Prias

**Western Union:**

**Name;** Jeffrey Prias

**Phone Number:** 09634065580

**Address:** Tierra Verde Subdivision, Bagong Pook, Pila, Laguna, Philippines 4010

**Palawan Express:**

**Name:** Jeffrey Prias

**Mobile Number:** 09634065580

Send a scanned copy of the proof of payment, e.g. bank- validated slip or GCash transaction slip to Jeffrey Prias through [secretariat@pssnonline.org](mailto:secretariat@pssnonline.org) after payment has been made. The proof of payment is required for the inclusion of the paper in the list of presentations. Once received, a link to the scientific session will be sent to the presenter.

# ICoNSIE 2021

(International Conference on Nature Studies and  
Innovation for the Environment)



Organized by PSSN in collaboration with  
Central Luzon State University  
26-27 November 2021  
Via Zoom and Facebook Live



This serves as invitation

## PSSN Vlogging Contest

Interested participants will prepare a short video tackling issue related to the theme of the conference. This is open to public with free registration. Winning entries will be showcased during the ICoNSIE conference. For more information about the mechanics and registration, please contact Mr. Jeffrey Prias through [secretariat@pssnonline.org](mailto:secretariat@pssnonline.org).

# **TRANSFORMATION EDUCATION IN THE DISRUPTION ERA: INDEPENDENT CAMPUS, FREEDOM TO LEARN**

**Sukendah**

Agriculture Faculty, University of Pembangunan Nasional “Veteran”  
Jawa Timur, Surabaya, Indonesia

Email:sukendah@upnjatim.ac.id

## **Abstract**

Currently, Higher Education faces major challenges under three main disruptions: digital disruption, millennial disruption, and pandemic disruption. How the College reacts to the triple disruption will determine the future of students. Digital disruption creates 27-46 million new jobs and 10 million of them are jobs that did not exist before. On the other hand, around 23 million jobs will now be replaced by digital by 2030 in Indonesia. Colleges must make preparations for substantial changes including curricula to suit future new jobs. Millennials who grew up in the digital era are expected to have various competencies needed in the world of work. Students in higher education must be given a dynamic space to learn anywhere to be creative together, they are the center of learning, not lecturers. To face the challenges of the digital and millennial era, the Minister of Education and Culture of the Republic of Indonesia issued a new policy, the Independent Campus, Freedom to Learn or MBKM (Merdeka Belajar-Kampus Merdeka). This policy gives students the right and opportunity to study outside the Study Program for 3 semesters with a total of 20-60 credits. Students gain experience and enrich their competence by doing one or more of the 8 freedom of learning activities, namely: student exchange, internship, research, entrepreneurial activities, independent projects, humanitarian projects, teaching in schools, and projects in villages. Moreover, the Covid-19 pandemic situation in such a way has accelerated the implementation of the Independent Campus, Freedom to Learn. The Ministry of Education and Culture has set eight (8) main performance indicators to measure the quality of graduates, the quality of lecturers and study programs and ensure that universities implement Independent Campus-Freedom to Learn through the measurement of these 8 indicators. To accelerate the achievement of the target 8 indicators, the Ministry of Education and Culture provides a number of funding through competition programs such as the Campus Independent Competition Program, Matching Fund, ICT, and other programs to support MBKM activities. The University of Pembangunan Nasional “Veteran” Jawa Timur received funds of around 10.9 billion this year (2021) and was able to send around 2,254 students to carry out MBKM activities outside the campus both domestically and abroad. Also able to send

50 lecturers to conduct research and other academic activities in partner universities (industry, companies, government, universities). Thirteen Study Programs also were submitted for accreditation by the Foundation for International Accreditation.

Keywords: transformational education, digital disruption, millennial disruption, pandemic disruption, independent campus, freedom of learning.

**PSSN'S 20<sup>TH</sup> ANNUAL SCIENTIFIC MEETING AND INTERNATIONAL CONFERENCE ON NATURE STUDIES AND INNOVATIONS FOR THE ENVIRONMENT (ICONSIE) 2021**

“Nature Exploration, Education, and Innovations during a Disruption”

 **NOVEMBER  
26-27  
2021**  
VIA ZOOM WEBINAR



**PHILIPPINE SOCIETY FOR THE STUDY OF NATURE, INC. (PSSN)**


in cooperation with the Central Luzon State University

**AWARDS THIS  
CERTIFICATE**

**OF RECOGNITION  
TO**

**Dr. Sukendah**

for serving as Plenary Speaker during the PSSN's 20<sup>th</sup> Annual Scientific Meeting and International Conference on Nature Studies and Innovations for the Environment (ICoNSIE) 2021 with the theme “Nature Exploration, Education, and Innovations during a Disruption” held via Zoom on November 26-27, 2021.

  
**EDGAR A. ORDEN, PH.D**  
President, CLSU

  
**MARIA ANA T. QUIMBO, PH.D**  
PSSN, President 2019-2021