



# CERTIFICATE OF COMPLETION

is given to

**Jessa D. Cabatchete**

for her active participation in the **Workshop on Data Assimilation and Machine Learning for Environmental Problems** held on October 10-19, 2023 at Kinaadman Conference Room, Caraga State University, Ampayon, Butuan City, Philippines.

Given this 19<sup>th</sup> day of October 2023 at Kinaadman Conference Room, Caraga State University, Ampayon, Butuan City, Philippines.

**MARK ASCH, PhD**

Visiting Professor, University of Picardie,  
France

**JAYROLD P. ARCEDE, PhD**

MSCRC Director, Caraga State University,  
Philippines



# CERTIFICATE OF COMMENDATION

This certificate is given to

Jessa D. Cabatchete

for his/her informative presentation titled **CINN Approach to an SEIR Model for COVID-19 in the Workshop on Data Assimilation and Machine Learning for Environmental Problems** held on October 10-19, 2023 at Kinaadman Conference Room, Caraga State University, Ampayon, Butuan City, Philippines.

Given this 19<sup>th</sup> day of October 2023 at Kinaadman Conference Room, Caraga State University, Ampayon, Butuan City, Philippines.

**MARK ASCH, PhD**  
Visiting Professor, University of Picardie,  
France

**JAYROLD P. ARCEDE, PhD**  
MSCRC Director, Caraga State University,  
Philippines





# Certificate of Completion

is given to

**JESSA D. CABATCHETTE**

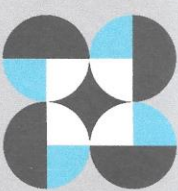
for she has successfully completed the CIMPA School Philippines 2022 on Mathematical Modeling of Ecosystems held on August 22, 2022 to September 2, 2022 at Auditorium, H.E.R.O Learning Commons, Caraga State University, Ampayon, Butuan City, Philippines.

Given this 2<sup>nd</sup> day of September 2022 at Auditorium, H.E.R.O Learning Commons, Caraga State University, Ampayon, Butuan City, Philippines.

**YOUCEF MAMMERI, PhD, HDR**  
Organizer, University of Picardie, France

**JAYROLD P. ARCEDE, PhD**  
Organizer, Caraga State University, Philippines

**ROLANDO N. PALUGA, PhD**  
Vice-President for Academic Affairs, CSU



[www.carsu.edu.ph](http://www.carsu.edu.ph)  
 [op@carsu.edu.ph](mailto:op@carsu.edu.ph)  
 (+63) 85 342-2296



Republic of the Philippines  
MINDANAO STATE UNIVERSITY  
Marawi City

College of Natural Sciences and Mathematics  
Department of Mathematics

# *Certificate of Participation*

This certificate is given to

**Jessa D. Cabatchete**

for his/her active participation in the *Webinar on Mathematical Models in Environmental Science* on September 10, 2021 via *Zoom* and *FB Live*.

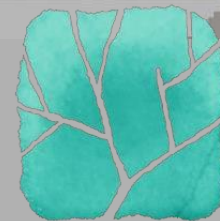
Given this 10<sup>th</sup> day of September 2021, at the Department of Mathematics, College of Natural Sciences and Mathematics, Mindanao State University – Main Campus, Marawi City, Philippines.

  
Henry P. Arinjo, PhD

Dean, College of Natural Sciences and Mathematics

  
Amila P. Macodi, PhD

Chairperson, Department of Mathematics



CIMPA



# CERTIFICATE OF COMPLETION

This acknowledges that

**Jessa D. Cabatchete**

has successfully completed the **SEAMS School Philippines 2021 on Modern Tools for Mathematical Modeling on Ecosystems** held on August 23, 2021 to September 3, 2021 at Caraga State University, Ampayon, Butuan City, Philippines.

**Mary Joy R. Latayada, PhD**  
Chair, Mathematics Department

**Esamei M. Paluga, PhD**  
Dean, College of Mathematics and Natural Sciences

**Jayrold P. Arcede, PhD**  
Organizer, Caraga State University, Philippines

**Youcef Mammeri, PhD, HDR**  
Organizer, University of Picardie, France

**Anthony M. Penaso, PhD**  
President, Caraga State University

[www.carsu.edu.ph](http://www.carsu.edu.ph)

[op@carsu.edu.ph](mailto:op@carsu.edu.ph)

(085) 342-2296







Awards this

## **CERTIFICATE OF PARTICIPATION**

to

**MS. JESSA D. CABATCHETE**

**Caraga State University**

for having participated in the **1st International Virtual Conference on  
Multidisciplinary Research and Innovation** with the theme:

*"Accelerating the Culture of Research and Innovation Towards Economic Sustainability in  
the New Normal"*

Given this 30th day of June 2021 at Surigao del Sur State University, Tandag City, Surigao  
del Sur via Zoom Video Communications

  
**JOCELYN B. PANIBUYOS, PhD.**  
SDSSU Director for  
Research and Development

  
**EACLEDES R. ESTAL, PhD.**  
SDSSU SUC President III



# CERTIFICATE OF APPRECIATION

is awarded to

**JESSA D. CABATCHETE**

Caraga State University

for presenting the study entitled

**On Soft Regular Generalized Weakly rgw- Closed Sets  
on Soft Topological Spaces**

during the 1st International Virtual Conference on Multidisciplinary  
Research and Innovation on June 29-30, 2021

Given this 30th day of June 2021 at Surigao del Sur State University, Tandag City,  
Surigao del Sur via Zoom Video Communications

  
BACELEDES R. ESTAL, PhD.  
SDSSU SUC President III



**CARAGA STATE UNIVERSITY**  
Ampayon, Butuan City  
College of Arts and Sciences  
Mathematics Department

# *Certificate of Participation*

is awarded to


**JESSA D. CABATCHETE**

for her active participation during the conduct of the  
*Training on Activity – Based Teaching of*  
*Mathematics in the Modern World*  
held on June 18 – 29, 2019 at Caraga State University, Butuan City.

Given this 29<sup>th</sup> day of June, 2019 at Caraga State University, Butuan City, Philippines.

  
**ROLANDO N. PALUGA, PhD**  
Project Leader

Vice President for Academic Affairs

  
**ANTHONY M. PENASO, PhD**  
University President





**CARAGA STATE UNIVERSITY**  
Ampayon, Butuan City  
College of Arts and Sciences  
Mathematics Department

# *Certificate of Appreciation*

is awarded to

**JESSA D. CABATCHETE**

in grateful recognition and deep appreciation for being a **Classroom Demonstrator**  
during the conduct of the *Training on Activity – Based Teaching*  
*of Mathematics in the Modern World*  
held on June 18 – 29, 2019 at Caraga State University, Butuan City.

Given this 29<sup>th</sup> day of June, 2019 at Caraga State University, Butuan City, Philippines

  
**ROLANDO N. PATIGGA, PhD**

Project Leader  
Vice President for Academic Affairs

# *The Mathematical Society of the Philippines – Caraga Chapter*



*Surigao del Sur State University*

in cooperation with the

awards this



## **CERTIFICATE OF PARTICIPATION**

to

***Jessa D. Cabatchete***

for having participated actively in the **Workshop in Qualitative Research in Mathematics Education** during the 2018 Annual Convention of the MSP - Caraga Chapter held at LCA Garden Inn, Garmuton, Carrascal, Surigao del Sur on September 21-22, 2018.

Given this 22<sup>nd</sup> day of September 2018 at the LCA Garden Inn, Garmuton, Carrascal, Surigao del Sur.

**NAPOLEON A. GAQUING JR., Ph.D.**

*Vice President, MSSP-Caraga Chapter*

**THELMA C. MONTERO-GALLIGUEZ, Ph.D.**

*President, MSSP-Caraga and Convention Chair*





## **BSC/SSPC/SSPSC/SDSSU ALUMNI ASSOCIATION**

SEC REG. # CN200526274  
Tandag City, Surigao del Sur

*Awards this*

### **CERTIFICATE OF RECOGNITION**


*to*

**MS. JESSA D. CABATCHETE**

In grateful recognition and commendation for her invaluable efforts and exemplary service as **RESOURCE PERSON** during the **FREE CIVIL SERVICE EXAM REVIEW CLASSES** held at Surigao del Sur State University, Tandag City, Surigao del Sur on February 25, March 4, and March 11, 2018.

Her nonpareil services rendered on pro bono is worthy to emulate of a civil servant.

Given this 11<sup>th</sup> day of **March 2018** at SDSSU Main Campus, Tandag City, Philippines.

  
**RYSPHA S. NOVO**  
Alumni Secretary

  
**CALVIN L. AJOS, JR.**  
Alumni President





Republic of Philippines  
**SURIGAO DEL SUR STATE UNIVERSITY**  
Tandag City, Surigao del Sur



in partnership with  
**AGUSAN DEL SUR STATE COLLEGE OF AGRICULTURE AND TECHNOLOGY**

present this  
**Certificate of Participation**  
to

**JESSA D. CABATCHETE**

for her active involvement during the

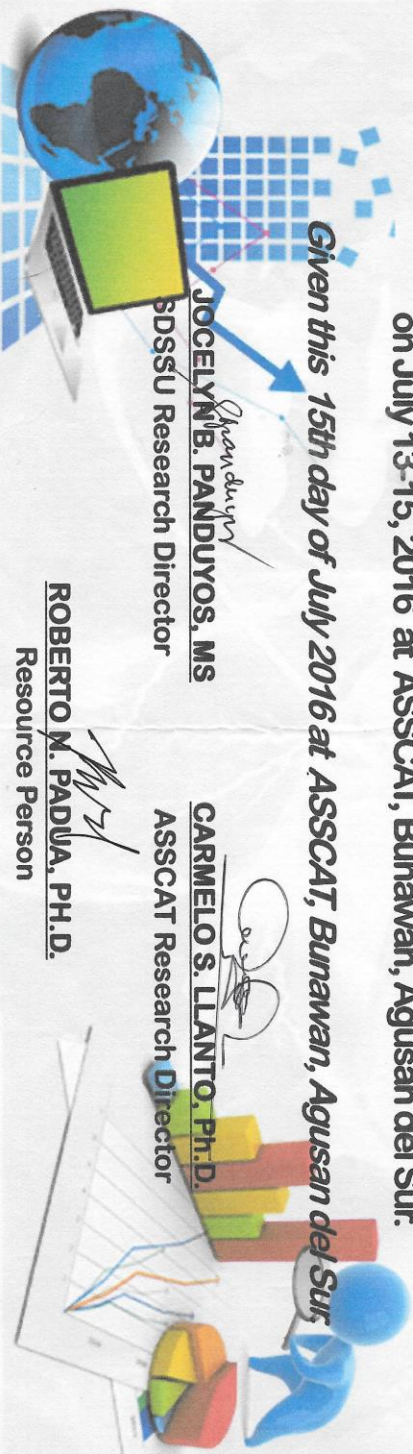
**SEMINAR-WORKSHOP ON NON-PARAMETRIC STATISTICS FOR RESEARCH**  
on July 13-15, 2016 at ASSCAT, Bunawan, Agusan del Sur.

*Given this 15th day of July 2016 at ASSCAT, Bunawan, Agusan del Sur.*

  
**JOCELYN B. PANDUYOS, MS**  
BDSU Research Director

  
**CARMELO S. LLANTO, Ph.D.**  
ASSCAT Research Director

  
**ROBERTO N. PADUA, Ph.D.**  
Resource Person



08-224843

REPUBLIC OF THE PHILIPPINES  
CIVIL SERVICE COMMISSION  
CONSTITUTION HILLS, DILIMAN, QUEZON CITY

**CERTIFICATE OF ELIGIBILITY**

**JESSA D. CABATCHETE**

You have been conferred the CAREER SERVICE PROFESSIONAL ELIGIBILITY for having obtained a general weighted rating of Eighty One and 74/100 (81.74) in the CAREER SERVICE PROFESSIONAL EXAMINATION held at the Surigao del Sur Polytechnic State College, Tandag, Surigao Del Sur, on October 21, 2012.

Your name has been entered in the Register of Eligibles from which appointment to positions requiring this eligibility will be made, provided you possess the qualifications and other requirements thereto.



JESSA D. CABATCHETE

Date of Birth : Apr 20, 1992  
Place of Birth : TANDAG SDS  
Examinee No. : 522833  
School Code : 15041494  
Date of Release : Dec 6, 2012

Ratings on the Competency Areas of the Test			
Verbal	Analytical	Numerical	General Info.
81.89	82.81	81.64	78.36

Signature of Eligible

**FRANCISCO T. DUQUE III**  
Chairman