



**PACIFITECH Research, Training, Innovation and Collaboration
for Community Engagement, Sustainable and Safe Environment**
SEC Reg CN202004792

I.6 BIOME 6

BIOME 6 October 22-23, 2020 Research and Creative Works of Food, Health and Environment

Theme: "Impacts of Covid-19 Pandemic on Society, Education, Environment and Development (S.E.E.D.)- Ageing happily and living sustainably with healthy diets and functional local food systems"



6th BIOME web conference conducted Category : Research | Sub Category : Web Conference Posted on 2021-02-02 15:33:09

The Catanduanes State University (CatSU)- Research and Development Services together with the Nutrition and Dietetics Department of the College of Health Sciences spearheaded the 6th BIOME (Biodiversity meeting) through a web conference on Research and Creative Works on Food, Health and Environment with the theme, "Impacts of Covid-19 Pandemic on Society, Education, Environment and Development (S.E.E.D.)- Ageing happily and living sustainably with healthy diets and functional local food systems" on October 22-23, 2020.

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The three-day web conference was in collaboration with the Pacifictech NGO, Inc. and Hechanova & Co. Inc and The International Union for the Conservation of Nature- Commission on Education & Communication (IUCN-CEC) Switzerland.

Dr. Freddie T. Bernal, CatSU Officer-In-Charge and CHED and Regional Director ROV gave his welcome message to the guests, presenters/lecturers and participants present and extended his great appreciations to the organizers of taking such initiative to conduct the event in which he said, "...a timely and relevant one because as the theme suggests, it touches the base of our current situations mired and yet unbowed by the privations of worldwide pandemic." He further said that research as hallmark of a university, plays a very pivotal role in making it more relevant and responsive over cross –cutting issues and addressing various societal concerns.

Also present as keynote speakers are Hon. Joseph "Buboy" Cua, Provincial Governor and Hon. Hector Sanchez, Congressman of Lone District of Catanduanes. Topics discussed by respective competent lecturers and speakers were presented during the program proper. Plenary sessions and research talks regarding Research & Innovation at CatSU, Biodiversity and Food, Mangroves and Ocean Science, Agriculture, Agro-forestry & Fisheries, Food and ABACA production, Research Management, Technology and Covid-19 pandemic were given as well. Invited keynote presenters who delivered their presentations during the second day of the event were Hon. Felizardo "Sarge" Colombo, Vice President of AMA University and Former Regent of Catanduanes State University, with his topic on challenges and prospects of blended learning. Atty. Editha R. Hechanova, President/CEO of Hechanova & Co. Inc. who talked about Intellectual Property and Technology Licensing in SUCs. Dr. Custer C. Deocariz, Philippines Nuclear Research Institute (DOST) had his topic on Organ Bioprint and Human Immortality and lastly, Dr. Efren Abueg, Writer and Professor at De La Salle University- Manila who discussed about Ageing Happily and Living Sustainability during Covid-19 pandemic. The 6th BIOME which tackles the link of Biodiversity with Food, Health and Environment during the Covid-19 pandemic was facilitated by Research and Development Services Office led by then Research Director, Dr. Jimmy Masagca, the convenor of the research conference, under the Research, Extension and Production Affairs Division headed by Vice-President Lily Custodio. The event primarily aimed to drive sustainable solutions through leading communication, learning and knowledge management to prepare more inclusive, environmentally sustainable and resilient food system, and to ensure no one is left behind. Other Speakers

PAPERS PRESENTED RESEARCH & COLLABORATION IN HIGHER EDUCATION

Theme: Branding the Green University: New Dimension of CatSU in Research and Development; 16-18 September CatSU Auditorium

1) PROPOSED GUIDELINES FOR ACADEMIC PARTNERSHIP ARRANGEMENTS WITH HIGHER EDUCATION AND RESEARCH INSTITUTIONS 9:30-9:45 A.M. September 16, 2020 RICARDO P. BABARAN, PhD - Chancellor, University of the Philippines in the Visayas (UPV) Professor of Fisheries & Ocean Sciences (CFOS), Iloilo City, Philippines

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2) OUR COMMON DIRECTIONS IN PASUC BICOL: Towards an academically strong, research productive and community relevant-fisheries-agri and aquatic sciences related programs and Institutions in Bicol 9:45-10:00 A.M. September 16, 2020 RAUL G. BRADECINA, SUC President III Partido State University, Camarines Sur, Philippines

3) ATOMIC ENERGY AND NUCLEAR RESEARCH 10:00-10:15 A.M. September 16, 2020 CARLO A. ARCILLA, PhD Professor, Institute of Geology, University of the Philippines in Diliman, Q.C. Director, Philippine Nuclear Research Institute (PNRI) Department of Science and Technology (DOST)

4) VIRTUAL SEMINAR-WORKSHOP ON RESEARCH & COLLABORATION IN HIGHER EDUCATION Theme: Branding the Green University: New Dimension of CatSU in Research and Development 16-18 September 2020 / CatSU Auditorium

5). MOLECULAR SPECTROSCOPY 10:15-10:30 A.M. September 16, 2020 ELMER-RICO E. MOJICA, PhD Associate Professor, Department of Chemistry and Physical Sciences, Pace University, New York, USA and Adjunct Professor, CUNY New York College, New York City, USA

6). BUILT ENVIRONMENT AND GREEN ARCHITECTURE 10:30-10:45 A.M. 16 September 2020 ARCH. MARIO L. ALBERTO President, United Architects of the Philippines (UAP) Catanduanes Chapter

7). HEALTH SCIENCE RESEARCH AND COMMUNITY ENGAGEMENT 10:45-11:00 A.M. 16 September 2020 ALMA SORRERA-BANUA, RN, EdD, Professor, Bicol University, Former Director, Bicol Consortium for Health & Development

VIRTUAL SEMINAR-WORKSHOP ON RESEARCH & COLLABORATION IN HIGHER EDUCATION Theme: Branding the Green University: New Dimension of CatSU in Research and Development SUMMARY OF TALKS 11:00-11:15 A.M. 16 September 2020 - DR. JIMMY T. MASAGCA, RDS Director

8) *NUTRITION RESEARCH AND HEALTH CARE* FOOD CHEMICAL AND BIOTECHNOLOGICAL ANALYSIS OF FISHERIES PRODUCTS IN BICOL REGION FOR DEVELOPMENT OF REGIONAL BIOSOURCES 1:30-1:45 P.M. 16 September 2020 SATOSHI KUBOTA, PhD Professor, Research and Education Faculty, Multidisciplinary Science Cluster, Kochi University, Japan

9). SAVING BLOOD IN ISOVOLAEMIC HAEMODILUTION IN RED BLOOD CELL EXCHANGE IN SICKLE CELL DISEASE PATIENTS: A SINGLE CENTER EXPERIENCE 1:45-2:00 P.M. 16 September 2020 ROMEO VALEZA RN Company Director, Health Care Services Ltd., London Metropolitan Area, United Kingdom

10). CROP SCIENCE RESEARCH & INNOVATION 8:45-9:00 A.M. 17 September 2020 Online Seminar-Workshop, CatSU Auditorium CHARLITO CADAG, PhD SUC President III, Camarines Sur State Polytechnic College (CSSPC) Camarines Sur

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5.0 Virtual Seminar (continuation) 17 September 2020/CatSU Auditorium CROP SCIENCE RESEARCH AND INNOVATION Moderator: Mr. JOHN EDMUND MANLANGIT

11). FREEZE CONCENTRATOR UNDER USAID STRIDE PROTOTYPE RESEARCH AND INNOVATION GRANTS 10:00-10:15 A.M. 17 September 2020 Virtual Seminar-Workshop/CatSU Auditorium DAISY B. BADILLA, PhD Chemical/Environmental Engineer, Society of Environmental Engineers of the Philippines

12). *Application of Stable Isotopic Techniques in Wetlands of the Philippines for the CatSU and Innovation Centers for REWS (River, Estuary & Other Wetlands) and MCACHP (Mangrove Crab Aquaculture and Coastal Habitat Protection) 1:00-1:15 P.M. 17 September 2020 Virtual Seminar-Workshop/CatSU Auditorium RAYMOND J. SUCGANG, Philippine Nuclear Research Institute (PNRI); JIMMY T. MASAGCA, Catanduanes State University-Project IAEA/RCA RAS 7037 UN International Atomic Energy Agency (IAEA), Vienna, Austria

13). SOFTWARE DEVELOPMENT AND ENGINEERING 1:15-1:30 P.M. 17 September 2020 Virtual Seminar-Workshop/CatSU Auditorium ERIC E. ARAOJO, BSc Materials Eng., Head of Laboratory, Rhode & Schwartz Asia, Republic of Singapore, Master of Technology in Computer Software Engineering, National University of Singapore

14). VIRTUAL SEMINAR-WORKSHOP AND RESEARCH COLLABORATION IN HIGHER EDUCATION (VSRCHE) 16-18 September 2020/CatSU Auditorium

6.1 Virtual Seminar or On site Presentations 18 September (featuring returned and on-going CatSU Master's & PhD scholar's) Moderator: Prof. ROMYLEN S. GO-VELA

15) VIRTUAL SEMINAR-WORKSHOP AND RESEARCH COLLABORATION IN HIGHER EDUCATION (VSRCHE) 16-18 September 2020/CatSU Auditorium MARINE BENTHIC ECOLOGY 8:45-9:00 A.M. 22 Sept. MR. KRISTIAN Q. ALDEA (Kochi University, Japan)

16). VIRTUAL SEMINAR-WORKSHOP AND RESEARCH COLLABORATION IN HIGHER EDUCATION (VSRCHE) 16-18 September 2020/CatSU Auditorium ENTREPRENEURSHIP 9:00-9:10 A.M 18 September 2020 MR. EDMUND MANLANGIT (Saskatchewan University, Canada)

17). VIRTUAL SEMINAR-WORKSHOP AND RESEARCH COLLABORATION IN HIGHER EDUCATION (VSRCHE) 16-18 September 2020/CatSU Auditorium GIS IN CROP AGRICULTURE 9:10-9:20 A.M 18 September 2020 GEMMA G. ACEDO, PhD (University of Cordilleras, Baguio City)

18). VIRTUAL SEMINAR-WORKSHOP AND RESEARCH COLLABORATION IN HIGHER EDUCATION (VSRCHE) 16-18 September 2020/CatSU Auditorium HEALTH FOODS FROM YAMS (Dioscoreaceae) 9:45-9:55 A.M 18 September 2020 RESADEL OSIDO SANTONIA (UP at Los Baños, Laguna)

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