

NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY, PHILIPPINES
LUZON REGIONAL SCIENTIFIC MEETING

Theme: **“COVID-19 Pandemic: Learning from the Past, Coping with the Present, Moving to the Next”**

11 – 12 May 2021

DRAFT PROGRAM

Draft as of
May 4, 2021

	Day 1 11 May 2021 (Tuesday)		Day 2 12 May 2021 (Wednesday)
9:00	Opening Program <ul style="list-style-type: none"> • Launching of Regional Scientific Posters • Keynote Message • Programs and Activities <ol style="list-style-type: none"> 1. DOST Regional Director 2. NAST Director 		
10:00	Panel Discussion 1 Food, Environment, and Health: Exploring the Connections	10:00	Panel Discussion 4 Educating for our Future: Retrieving the COVID-19 Generation
1:00	Panel Discussion 2 Viral Evolution, Dynamics, and Modelling Interventions	1:00	Panel Discussion 5 Balancing the Economy and Health
3:00	Panel Discussion 3 Systems Approaches to Address Present-day Hazards	2:30	Panel Discussion 6 Health Systems Response and Preparedness
		3:30	Closing Program <ul style="list-style-type: none"> • Presentation of Resolutions • Response from NEDA, DOH • Awarding Ceremony for the Best Scientific Poster • Turnover Ceremony
5:00	End of Day 1 Program		End of the RSM Program

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Day 1 – 11 May 2021 (Tuesday)		
OPENING PROGRAM ENGR. PACIFICO T. SARIEGO III Provincial S&T Director DOST PSTC-Palawan EMCEE		
9:00	Launching of Regional Scientific Posters	MS. LUNINGNING E. SAMARITA-DOMINGO Director IV NAST Philippines
9:07	Welcome Remarks	ACD. RHODORA V. AZANZA President NAST Philippines
9:13	Opening Message	SEC. FORTUNATO T. DE LA PEÑA Department of Science and Technology
9:20	Keynote Message	DR. RUBY C. CONSTANTINO Director IV DOH-CAR
9:40	DOST Programs and Activities	DR. MA. JOSEFINA P. ABILAY Regional Director DOST-MIMAROPA
9:50	NAST Programs and Activities	MS. LUNINGNING E. SAMARITA-DOMINGO Director IV NAST Philippines
Panel Discussion 1 FOOD, ENVIRONMENT, AND HEALTH: EXPLORING THE CONNECTIONS		
10:00	Introduction of Speakers and Panelists	ACD. MUDJEKEEWIS D. SANTOS Member, Agricultural Sciences Division NAST Philippines
10:05	Part 1: Impact of COVID-19 in the Philippine Food System	<u>Speaker:</u> DR. AIMEE SHEREE BARRION Director Institute of Human Nutrition and Food College of Human Ecology University of the Philippines, Los Baños
10:20		<u>Panelist (Production):</u> DR. CAMERON P. ODSEY OIC-Regional Executive Director Department of Agriculture-CAR
10:25		<u>Panelist (Logistics):</u> MR. PHILLIP ONG Chairman

10:30		Philippine Chamber of Agriculture and Food Inc (PCAFI) <u>Panelist (Consumption):</u> MR. MARK C. PASCASIO Division Chief, Expenditure Accounts Division Philippine Statistics Authority
10:35	Open Forum	ACD. MUDJEKEEWIS D. SANTOS Member, Agricultural Sciences Division NAST Philippines
10:57	Part 2: Nexus of Health Risk – Natural Resources Degradation	<u>Speaker:</u> ACD. RODEL D. LASCO Member, Agricultural Sciences Division NAST Philippines
11:12		<u>Speaker (Algal Bloom):</u> ACD. RHODORA V. AZANZA President and Chair, Biological Sciences Division NAST Philippines
11:27		<u>Panelist:</u> DR. RICO C. ANCOG Associate Professor V and UP Scientist III School of Environmental Science and Management University of the Philippines Los Baños
11:35	Open Forum	ACD. MUDJEKEEWIS D. SANTOS Member, Agricultural Sciences Division NAST Philippines
11:55	Synthesis	DR. DIXON T. GEVAÑA, OYS 2018 Associate Professor Department of Social Forestry and Forest Governance College of Forestry and Natural Resources University of the Philippines Los Baños Rapporteur
DR. REX FERDINAND M. TRAFALGAR, OYS 2015 Professor Institute of Aquaculture, College of Fisheries and Ocean Sciences University of the Philippines Visayas Rapporteur		
12:00	End of Panel Discussion 1	

Panel Discussion 2 VIRAL EVOLUTION, DYNAMICS, AND MODELING INTERVENTIONS		
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1:00	Introduction of Speakers and Panelists	ACD. WINDELL L. RIVERA Member, Biological Sciences Division NAST Philippines
1:05	Biology and Evolution of Viruses like SARS COV2	MR. PHILLIP A. ALVIOLA, OYS 2017 Associate Professor Institute of Biological Sciences University of the Philippines Los Baños
1:20	Biosystems Modeling of Hazards and Risks	<u>Speaker:</u> DR. JOMAR F. RABAJANTE Dean, Graduate School University of the Philippines Los Baños
1:35		<u>Panelist:</u> ENGR. NATHANIEL VINCENT A. LUBRICA Executive Director, Research and Innovation Office University of the Cordilleras
1:45		<u>Panelist:</u> DR. ROWENA REYNO ANTEMANO Adjunct Professor Mountain View College Malaybalay, Bukidnon
1:55	Open Forum	ACD. WINDELL L. RIVERA Member, Biological Sciences Division NAST Philippines
2:50	Synthesis	DR. RODNEY H. PEREZ, OYS 2020 University Researcher, National Institute of Molecular Biology and Biotechnology (BIOTECH) University of the Philippines Los Baños Rapporteur
DR. MICHAEL C. VELARDE, OYS 2019 Associate Professor Institute of Biology, University of the Philippines Diliman, Quezon City Rapporteur		
3:00	End of Panel Discussion 2	

Panel Discussion 3 SYSTEMS APPROACHES TO ADDRESS PRESENT-DAY HAZARDS		
3:00	Introduction of Speakers and Panelists	DR. JULIUS CAESAR V. SICAT Regional Director DOST-III
3:05	Utilizing Feedback Engineering to Control Pandemics	<u>Speaker:</u> DR. TIRSO A. RONQUILLO

3:15	Supply Chain of Healthcare Resources	President Batangas State University <u>Panelist:</u> MR. PIERRE CARLO CURAY President Supply Chain Management of the Philippines
3:20	Mobile Phone Apps Aliasing PC	<u>Panelist:</u> DR. CELSO B. CO Guest Lecturer Batangas State University
3:25	Utilizing Feedback Engineering to Control Pandemics in the Cordillera Administrative Region	<u>Panelist:</u> DR. VIRGINIA L. NARCISO Chief, Licensing, Regulation and Enforcement DOH-CAR
3:30	Balanced Regional Development: Planning Components to Support New Growth Areas	MS. AGNES E. TOLENTINO Regional Director NEDA- V
3:40	The Key Roles of Engineering Educators and Service Professionals Towards a Balanced Regional Island Development Amid of Pandemic and Beyond	<u>Panelist:</u> DR. REYNALDO P. RAMOS Professor Romblon State University
3:45	Work-from-home Arrangements	DIR. MARGARITA G. REYES Director II CSC-NCR DOST Field Office
3:55		ENGR. LUIS G. BANUA Regional Director National Economic and Development Authority – CALABARZON
4:05	Open Forum	DR. JULIUS CAESAR V. SICAT Regional Director DOST-III
4:50	Synthesis	DR. RYAN RHAY P. VICERRA, OYS 2019 Professor, Manufacturing Engineering and Management Department De La Salle University Rapporteur
DR. KATHLEEN B. AVISO, OYS 2013 Professor, Chemical Engineering Department De La Salle University, Manila Rapporteur		
5:00	End of Panel Discussion 3	

DAY 2 - 12 May 2021 (Wednesday)		
Panel Discussion 4 EDUCATING FOR OUR FUTURE: RETRIEVING THE COVID-19 GENERATION DIR. BERNARDO T. CARINGAL Provincial S&T Director DOST PSTC-Marinduque EMCEE		
10:00	Introduction of Panelists	ACD. EVELYN MAE TECSON-MENDOZA Member, Mathematical and Physical Sciences Division NAST Philippines
10:05	Part 1. Impact on Education: Basic Education (Was there a learning loss?) (Local High School (c/o Dr. JT Biyo)	DR. WILFREDO E. CABRAL Regional Director DEPED-NCR
10:15		DR. ERICK JOHN H. MARMOL Director PSHS-Cagayan Valley Campus
10:25		MR. DON KING EVANGELISTA Teacher Navotas National Science High School
10:35	Open Forum	ACD. EVELYN MAE TECSON-MENDOZA Member, Mathematical and Physical Sciences Division NAST Philippines
11:00	Part 2. Impact on Education: Higher Education (Was there a learning loss?)	DR. MARIA TERESITA M. SEMANA OIC-Regional Director CHED-III
11:10		(North) FR. GILBERT B. SALES, CICM President Saint Louis University of Baguio City
11:20		(South) DR. MERIAN MANI President Romblon State University
11:30	Open Forum	ACD. EVELYN MAE TECSON-MENDOZA Member, Mathematical and Physical Sciences Division NAST Philippines
11:50	Synthesis	DR. MARLON T. CONATO, OYS 2020 Associate Professor, Institute of Chemistry University of the Philippines Diliman Rapporteur
DR. MANUEL JOSEPH C. LOQUIAS, OYS 2016		

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Associate Professor Institute of Mathematics, College of Science, University of the Philippines Diliman, Quezon City Rapporteur		
12:00	End of Panel Discussion 4	

Panel Discussion 5 BALANCING THE ECONOMY AND HEALTH		
1:00	Introduction of Speakers and Panelists	ACD. CHRISTOPHER P. MONTEROLA Member, Social Sciences Division NAST Philippines
1:05	Health vs. Economy: How to Strike the Balance?	DR. RONALD U. MENDOZA Dean, School of Government Ateneo de Manila University
1:15	Learning Challenges	DR. LOVE B. BASILLOTE Executive Director Philippine Business for Education
1:25	Vaccine Hesitancy	DR. PAUL GIDEON D. LASCO Medical Anthropologist and Senior Lecturer, Department of Anthropology University of the Philippines Diliman
1:35	Open Forum	ACD. CHRISTOPHER P. MONTEROLA Member, Social Sciences Division NAST Philippines
2:20	Synthesis	DR. ERIKA FILLE T. LEGARA, OYS 2020 Aboitiz Chair in Data Science Asian Institute of Management Rapporteur
DR. MARY JANET M. ARNADO, OYS 2010 Associate Professor, Behavioral Sciences Department De La Salle University Rapporteur		
2:30	End of Panel Discussion 5	

Panel Discussion 6 HEALTH SYSTEMS RESPONSE AND PREPAREDNESS		
2:30	Introduction of Speakers and Panelists	ACD. RODY G. SY Member, Health Sciences Division NAST Philippines
2:35	Theme/Central Question: How do you ensure that all possible solution/strategies work effectively and equitably?	DR. ERNIE V. VERA Regional Director DOH-V (will be represented by ARD Ferchito Avelino)

2:45	Question to be answered by reactors: What is the difference in their roles?	(1) Social Scientist DR. CRISTINA P. LIM Director Partido State University Sagnay campus
2:55		(2) Clinician DR. THEA PAMELA CAJULAO Head, Infection Prevention and Control Department Baguio General Hospital and Medical Center
3:05		(3) Policy Maker MAYOR CIELO KRISEL LAGMAN-LUISTRO Tabaco, Albay
3:15		<u>Panelist:</u> DR. REYNALDO BUNDALIAN JR. Associate Professor, Department of Biological Sciences Angeles University Foundation
3:20	Synthesis	DR. PAOLO S. SILVA, OYS 2014 Assistant Professor of Ophthalmology Harvard Medical School Rapporteur
DR. PAOLO S. SILVA, OYS 2014 Assistant Professor of Ophthalmology Harvard Medical School Rapporteur		
3:30	End of Panel Discussion 6	

CLOSING PROGRAM		
3:30	Presentation of Resolutions	ACD. FABIAN M. DAYRIT Chair, Resolutions Committee NAST Philippines
3:40	Response	MS. AGNES TOLENTINO Regional Director NEDA-V
3:45		DR. MARIO S. BAQUILOD Regional Director DOH-MIMAROPA
3:50	Awarding Ceremony for the Best Scientific Poster	ACD. JOSE MARIA P. BALMACEDA Member, Mathematical and Physical Sciences Division NAST Philippines
4:00	Turnover of RSM Hosting	DR. MA. JOSEFINA P. ABILAY Regional Director

		DOST-MIMAROPA
4:10	Closing Remarks	DR. ROMMEL R. SERRANO Regional Director DOST-V
4:15	End of the Luzon Regional Scientific Meeting	