

National Academy of Science and Technology, Philippines (NAST PHL)
39th Annual Scientific Meeting

Theme: *“Attaining Sustainable Development Goals:
 Philippine Fisheries and Other Aquatic Resources 20/20”*
 Venue: Manila Hotel, Philippines ~ Date: July 12-13, 2017

Draft as of
 July 5, 2017

DRAFT PROGRAM

	July 12, 2017 (DAY 1)	
8:00 AM	REGISTRATION	
9:00	OPENING OF SCIENTIFIC POSTER SESSION & EXHIBITS	
	Ribbon Cutting	SECRETARY FORTUNATO T. DE LA PEÑA Department of Science and Technology ACADEMICIAN FABIAN M. DAYRIT Acting President, NAST PHL
9:30	OPENING CEREMONIES	
	Entry of Colors	UNIVERSITY OF THE PHILIPPINES RAYADILLO
	National Anthem	PHILIPPINE SCIENCE HIGH SCHOOL CHORALE
	Welcome Remarks	ACADEMICIAN FABIAN M. DAYRIT Acting President, NAST PHL
	Keynote Address	HONORABLE FORTUNATO T. DE LA PEÑA Secretary, Department of Science and Technology
	Report on NAST Activities	ACADEMICIAN FABIAN M. DAYRIT Acting President, NAST PHL
	Special Number	PHILIPPINE SCIENCE HIGH SCHOOL CHORALE
	Master of Ceremonies ACADEMICIAN JAIME C. MONTOYA Secretary, NAST PHL	

PLENARY SESSION 1: BLUE ECONOMY		
10:45	PAPER 1 :	GROWING THE PHILIPPINES' BLUE ECONOMY: POLICY CHALLENGES AND OPPORTUNITIES
	Speaker :	RONALD U. MENDOZA, PH.D., OYS 2012 Dean, School of Government Ateneo de Manila University
	Rapporteur :	MARCOS B. VALDEZ, JR., PH.D., OYS 2012 Professor and Research Fellow Far Eastern University
11:30	OPEN FORUM	
	Moderator ACADEMICIAN RHODORA V. AZANZA Chair, Biological Sciences Division NAST PHL	
12:00	Lunch and Viewing of Posters and Exhibits	
	BOOK LAUNCHING	I. SCIENCE NUGGETS 1 : From Aristotle to Stem Cells SCIENCE NUGGETS 2: From the Universe to Energy, Food, and Agriculture II. BIOSKETCHES: Filipino Trailblazers in Science and Technology (Defining the Contributions of NAST Academicians to S&T and Its Development in the Philippines)
	MEETINGS: a) Best Scientific Poster Board of Judges b) Resolutions Committee	VENUE: <i>Kamagong Conference Room</i> <i>Acacia Conference Room</i>
	RECOGNITION OF SUPPORT FROM SPONSORS AND DONORS	
PLENARY SESSION 2: SUSTAINABLE MANAGEMENT		
1:00	PAPER 1 :	LAGUNA DE BAY: CASE STUDY FOR SUSTAINABLE FISHERIES DEVELOPMENT
	Speaker :	ACADEMICIAN EMIL Q. JAVIER Member, Biological Sciences Division

		NAST PHL
	Rapporteur :	MAJAH-LEAH V. RAVAGO, PH.D. , OYS 2016 Assistant Professor School of Economics University of the Philippines Diliman
1:45		OPEN FORUM
2:00	PAPER 2 :	LESSONS IN SUSTAINABLE MARICULTURE
	Speaker :	EVELYN GRACE T. DE JESUS-AYSON, PH.D. Research Division Head SEAFDEC Aquaculture Department
	Rapporteur :	TONETTE P. LAUDE, PH.D., OYS 2016 Associate Dean, College of Agriculture University of the Philippines Los Baños
2:45		OPEN FORUM
3:00	PAPER 3 :	ENVIRONMENTAL ATROCITIES IN THE WEST PHILIPPINE SEA: THE SCIENCE BEHIND CONSERVATION RECOURSE
	Speaker :	KENT CARPENTER, PH.D. Professor Department of Biological Sciences Old Dominion University
	Rapporteur :	SEVERINO G. SALMO III, PH.D. Assistant Professor Department of Environmental Science School of Science and Engineering Ateneo De Manila University
3:45-4:00		OPEN FORUM
		Moderator ACADEMICIAN REYNALDO B. VEA Chair, Engineering Sciences and Technology Division NAST PHL

	July 13, 2017 (DAY 2)	
8:00	REGISTRATION	
	PLENARY SESSION 3: MARINE SCIENCE AND TECHNOLOGY	
8:30	PAPER 1 :	THE MARINE ENVIRONMENT: AN UNCHARTERED RESOURCE FOR DRUGS
	Speaker :	ACADEMICIAN GISELA P. CONCEPCION Member, Biological Sciences Division NAST PHL
	Rapporteur :	JOHN MARK S. VELASCO, MD, OYS 2014 Director Department of Research and Training AFP Medical Center
9:00		OPEN FORUM
9:15	PAPER 2 :	SCIENCE INTERVENTIONS FOR SUSTAINABLE MARINE PRODUCTS PRODUCTION: CASE OF SARDINES AND SEaweEDS
	Speaker :	ACADEMICIAN MARCO NEMESIO E. MONTAÑO Member, Mathematical and Physical Sciences Division NAST PHL
	Rapporteur :	AARON JOSEPH L. VILLARAZA, PH.D., OYS 2016 Associate Professor, Institute of Chemistry University of the Philippines Diliman
9:45		OPEN FORUM
	Moderator NATIONAL SCIENTIST EDGARDO D. GOMEZ Member, Biological Sciences Division NAST PHL	
10:00	PAPER 3 :	APO ISLAND AND SUMILON ISLAND NO-TAKE MARINE RESERVES AND BEYOND
	Speaker :	NATIONAL SCIENTIST ANGEL C. ALCALA Member, Biological Sciences Division NAST PHL
	Rapporteur :	MICHELLE GRACE V. PARASO, Ph.D. OYS 2012 College of Veterinary Medicine University of the Philippines Los Baños

10:30		OPEN FORUM
10:45	PAPER 4 :	BEYOND BANGUS AND TILAPIA: FUTURE DIRECTIONS OF PHILIPPINE AQUACULTURE
	Speaker :	MR. PHILIP L. ONG Chief Executive Officer Santeh Feeds Corporation
	Rapporteur :	MUDJEKEEWIS D. SANTOS, PH.D., OYS 2011 Scientist II National Fisheries Research and Development Institute
11:15		OPEN FORUM
		Moderator NATIONAL SCIENTIST LOURDES J. CRUZ Member, Mathematical and Physical Sciences Division NAST PHL
11:30	Lunch	
	Viewing of Posters and Exhibits	
	MEETING: Resolutions Committee	<i>Acacia Conference Room</i>
1:30	AWARDING AND CLOSING CEREMONIES	
	Processional	
	Presentation of Resolutions	ACADEMICIAN RODEL D. LASCO Chair, Resolutions Committee Member, Agricultural Sciences Division NAST PHL
	Response	
		HONORABLE FORTUNATO T. DE LA PEÑA Secretary, Department of Science and Technology
		HONORABLE EMMANUEL F. PIÑOL Secretary, Department of Agriculture
	Intermission Number	PHILIPPINE SCIENCE HIGH SCHOOL CHORALE
	Presentation of NAST Awards	<ul style="list-style-type: none"> • BEST SCIENTIFIC POSTER AWARD • OUTSTANDING SCIENTIFIC PAPERS • OUTSTANDING BOOKS/MONOGRAPHS • MAGSAYSAY FUTURE ENGINEERS/TECHNOLOGISTS AWARD • NAST TALENT SEARCH FOR YOUNG SCIENTISTS • TWAS PRIZE FOR YOUNG SCIENTIST IN THE PHILIPPINES • OUTSTANDING YOUNG SCIENTISTS

	Special Number	PHILIPPINE SCIENCE HIGH SCHOOL CHORALE
	INVESTITURE OF NEW ACADEMICIANS AND CORRESPONDING MEMBER	ACADEMICIAN FABIAN M. DAYRIT Acting President, NAST PHL ACADEMICIAN EUFEMIO T. RASCO JR. Chair 39 th ASM Steering Committee, NAST PHL
	OATH TAKING OF NEW ACADEMICIANS	
	Administered by	SECRETARY FORTUNATO T. DE LA PEÑA Department of Science and Technology
	Closing Remarks	ACADEMICIAN EUFEMIO T. RASCO JR. Chair 39 th ASM Steering Committee, NAST Philippines
	Exit of Colors	UNIVERSITY OF THE PHILIPPINES RAYADILLO

Master of Ceremonies
ACADEMICIAN JAIME C. MONTOYA
Secretary, NAST PHL

(Note: afternoon snacks to be distributed after the ceremonies)