



NEWS RELEASE

Fifth Annual International Mathematical Modeling Challenge (IM²C) 2019

We are pleased to announce the results of the fifth annual International Mathematical Modeling Challenge (IM²C). There were 33 countries/regions invited to participate in the 2019 IM²C and after the national selection round, 57 teams competed in the international round of judging. All teams worked at their own schools during a 5 day period between March 11th and May 6th, 2019. Each team was given a modeling problem and then constructed their solutions. This year's problem **Earth's Carrying Capacity** asked the teams to develop a model that identifies the earth's carrying capacity for human life under current conditions.

Meritorious Teams

Brisbane Boys' College Australia	II Liceum Ogólnokształcące z Oddziałami Dwujęzycznymi im. Stefana Batorego Poland	Manurewa High New Zealand	St. Paul's Co-educational College China Hong Kong (SAR)	Utrechts Stedelijk Gymnasium Netherlands
Advisor: Chicri Maksoud	Advisor: Zbigniew Luchcinski	Advisor: Lawrence Naicker	Advisor: Chan Lung Chak	Advisor: Gert Welleweerd
Students: James English Ethan Jonathan Waugh Xavier Catford Ometh Rajapakse	Students: Adam Harrison Jakub Sliz Maksymilian Wolski Krzysztof Oldakowski	Students: Aimee Lew Ella Guiao Aaron Lew John Chen	Students: Au Yee Fong Lam Justin Yuen Shing Ho Kinsey He Yixuan	Students: Ties Bloemen Lucas Baas Daniel Kunenborg Guido Siers

All schools are to be commended for their efforts. The judges were impressed with all the teams' creativity and ingenuity in mathematical modeling and in their ability to explain their strategies and problem-solving techniques in clear terms. Each participant is a true winner. A complete Results Report, listing all teams by designation, as well as the full problem statement can be found at www.immchallenge.org. For additional contest information, contact IM²C at: info@immchallenge.org.



儒蓮教科文機構
NeoUnion ESC Organization

Initial funding for planning and organizational activities was provided by IM²C co-founders and co-sponsors - The Consortium for Mathematics and its Applications (COMAP), a not-for-profit company dedicated to the improvement of mathematics education and by NeoUnion ESC Organization in China Hong Kong (SAR).

5th Annual International Mathematical Modeling Challenge Results

<u>Ctrl #</u>	<u>Designation</u>	<u>Institution</u>	<u>Advisor</u>	<u>Location</u>	<u>Country/Region Represented</u>
<u>Meritorious</u>					
2019006	Meritorious	St. Paul's Co-educational College	Chan Lung Chak		China Hong Kong (SAR)
2019018	Meritorious	Brisbane Boys' College	Chicri Maksoud	Toowong	Australia
2019029	Meritorious	Manurewa High	Lawrence Naicker	Manurewa, Auckland	New Zealand
2019031	Meritorious	II Liceum Ogólnokształcące z Oddziałami Dwujęzycznymi im. Stefana Batorego	Zbigniew Luchcinski	Warszawa	Poland
2019046	Meritorious	Utrechts Stedelijk Gymnasium	Gert Welleweerd	Utrecht	Netherlands
<u>Honorable Mention</u>					
2019002	Honorable Mention	Saint Angela High School	Maria Rosari Sulisty Putri	Bandung, West Java	Indonesia
2019003	Honorable Mention	Philippine Science High School - Main Campus	Fortunato Tacuboy III	Quezon City	Philippines
2019005	Honorable Mention	American School of Dubai	Jasper Adviento	Dubai	United Arab Emirates
2019008	Honorable Mention	Kurfilrst-Balduin-Gymnasium	Dr. Jorg Kreutz	MUnstermaifeld,	Germany
2019011	Honorable Mention	Beijing Academy	Tan Xue, Wang Mengxin, Zhao Shengchu	Beijing	China Mainland
2019013	Honorable Mention	Liceo Carmela Carvajal	Javiera Hernandez Morales	Santiago	Chile
2019015	Honorable Mention	Seishingakuen High School	Takaaki Hoki	Kashima, Ibaraki	Japan
2019016	Honorable Mention	St Andrews Scotts School	Christopher Fowler	Olivos, Buenos Aires	Argentina
2019019	Honorable Mention	Stadtteilschule Bergedorf	Martin Koelln	Hamburg	Germany
2019025	Honorable Mention	Maimonides School	Javier Auszenker	Santiago	Chile
2019026	Honorable Mention	SMJK Katholik PJ	Mdm. Tay San San	Petaling Jaya, Selangor	Malaysia
2019028	Honorable Mention	Zhongshan Girls High School	Shu-Elin, Chang Kuang-Yi	Taipei	China Taiwan

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2019030	Honorable Mention	St Andrews Scotts School	James Thomas	Olivos, Buenos Aires	Argentina
2019032	Honorable Mention	Bayview Secondary School	Taravat Moshtagh	Richmond Hill, Ontario	Canada
2019033	Honorable Mention	Diocesan Girl's School	Yeung Po Ki Dora, Chen Wei, Lee Ka Ming	Kowloon	China Hong Kong (SAR)
2019034	Honorable Mention	Kanazaw University Senior High School	Kouhei Toyama	Kanazawa, Ishikawa	Japan
2019035	Honorable Mention	Santa Laurensia High School	Yulian Candra	Tangerang Selatan	Indonesia
2019036	Honorable Mention	Gymnazium Alejova	Marian Macko	Kosice	Slovakia
2019038	Honorable Mention	Lauvyntyev Institute of Hydrodynamics	Davydov Maxim		Russia
2019039	Honorable Mention	NIGERIAN TULIP INT'L COLLEGE	SUAT SAHIN	ABUJA	Nigeria
2019041	Honorable Mention	High School Affiliated to Southwest University	Liao Haibo, Lia Gin, Lin Liony		China Mainland
2019042	Honorable Mention	Ukammpa Intemational School Second	Derek Jolmson	Ukarumpa	Papua New Guinea
2019043	Honorable Mention	Kamnoetvidya Science Academy (KVIS)	Dr. Kanes Sumetpipat	Rayong	Thailand
2019044	Honorable Mention	Lake Forest High School	Blaine Lakin	Lake Forest	USA
2019047	Honorable Mention	PINEHURST SCHOOL	PETER JAQUES	NORTH SHORE	New Zealand
2019048	Honorable Mention	Anglo-Chinese School (Independent)	Jonas Chow		Singapore
2019049	Honorable Mention	Hanoi University of Science and Technology	Mai Dang Quan Anh	Hanoi	Vietnam
2019050	Honorable Mention	Tainan Girls Senior High School	Shie Shu-It	Tainan	China Taiwan
2019053	Honorable Mention	Gymnazium J-G. Tajovskeho	Eva Oravcova	Banska Bystrica	Slovakia
2019056	Honorable Mention	Beaconhouse Margalla Campus	Sumaira Imran		Pakistan

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2019060	Honorable Mention	Gyeonggi Science High School	Sanghoon Park	Suwon-si	South Korea
2019061	Honorable Mention	Shrewsbury School	Charlie Oakley	Shrewsbury	United Kingdom
2019062	Honorable Mention	Goudse Scholengemeenschap Leo Vroman	E.M. van Barneveld PhD	Gouda	Netherlands
2019063	Honorable Mention	TDV-BTL	Yagub Aliyev	Baku	Azerbaijan
2019064	Honorable Mention	Mahidol Wittayanusom School	Amornsri Amornvatcharapong	Nakhon Pathom	Thailand
2019066	Honorable Mention	Hwa Chong Institution	Cheong Ray Rin	Singapore	Singapore
2019068	Honorable Mention	NLCS Jeju	Minsoo Cha	Seogwipo-si	South Korea
2019071	Honorable Mention	II Liceum Ogólnokształcące z Oddziałami Dwujęzycznymi im. Stefana Batorego	Zbigniew Luchcinski	Warszawa	Poland
2019073	Honorable Mention	Ukarumpa International School Second	Derek Johnson	Ukarumpa	Papua New Guinea
2019074	Honorable Mention	GMATHS Education	Duong Thu Trang	Hanoi, Vietnam	Vietnam
<u>Successful Participant</u>					
2019004	Successful Participant	MEF Schools	Tahsin Dizren	Istanbul	Turkey
2019007	Successful Participant	HTX Naestved	Jan Boddum Larsen	Ballerup	Denmark
2019010	Successful Participant	Rutgers Preparatory School	Scott Vincent Neal	Somerset	USA
2019014	Successful Participant	School 179	Podolyaka Vladimir	Moscow	Russia
2019017	Successful Participant	Escola Hou Kong	Chen Shenghui, Wu Sifan	Macau	China Macau (SAR)
2019021	Successful Participant	Robert College	Pelin Ataman	Istanbul	Turkey
2019023	Successful Participant	Sacred Heart Canossian College (English Section)	Sou Chon Wa & Chan Ka Kit	Macau	China Macau (SAR)

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2019027	Successful Participant	ZBC	M. Kruse I H. Hansen	Vordingborg	Denmark
2019037	Successful Participant	Lyneham High School	Bhavya Bhalla	Canberra	Australia
2019051	Successful Participant	ITESM Campus Tampico	Marfa Margarita Zubieta Casais	Altamira	Mexico
2019058	Successful Participant	Universidad Panamericana Preparatoria	Alejandro Diaz Herrera		Mexico
2019072	Successful Participant	Shinas Secondary School	Naji Abdullah Ali Alkalbani	Shinas, Albatinah	Oman