

THE INTERNATIONAL SYMPOSIUM FOR GREEN SOLUTIONS (ISGS 2022)

SESSION 1: CLIMATE CHANGE AND ADAPTATION

<i>Time</i>		November 25, 2022 Location: Research Room 1 (Building B, Ground Floor)	
10:45	11:05	<p><i>Chair: Professor Bernard Tychon, Assoc. Professor Luong Van Viet</i> <i>Keynote Speaker: Professor Bernard Tychon</i></p>	
11:10	11:25	ICATSD2F.306	<p>STUDY TO EVALUATE THE EFFECTS OF CLIMATE CHANGE ON THE AMOUNT OF PERMEABILITY FOR GROUNDWATER RECHARGE IN LA NGA RIVER BASIN, LAM DONG PROVINCE</p> <p><i>Nguyen Thi Hang</i></p>
11:25	11:40	ICATSD2F.99A	<p>EARLY PREDICTION OF COFFEE YIELD IN THE CENTRAL HIGHLANDS OF VIETNAM USING A STATISTICAL APPROACH AND SATELLITE REMOTE SENSING VEGETATION BIOPHYSICAL VARIABLES</p> <p><i>Nguyen Thi Thanh Thao</i></p>
11:40	11:55	ICATSD2F.307	<p>RESEARCHING TO ASSESS THE LEVEL OF WATER SCARCITY IN RIVER BASINS IN LAM DONG PROVINCE IN THE CONTEXT OF CLIMATE CHANGE</p> <p><i>Nguyen Van Trinh</i></p>
11:55	12:10	ICATSD2F.315	<p>THE RELATIONSHIP BETWEEN SEA SURFACE TEMPERATURE AND SURFACE AIR TEMPERATURE IN THE SOUTH OF VIETNAM AND BUILDING EXCESSIVE HEAT WARNING INDEX</p> <p><i>Tran Thi Thu Thuy</i></p>

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SESSION 2: ENVIRONMENTAL SCIENCE AND SUSTAINABILITY

<i>Time</i>		November 25, 2022 Location: Research Room 1 (Building B, Ground Floor)	
13:10	13:50	<p><i>Chair: Professor. Célia Joaquim-Justo, Assoc. Professor Le Hung Anh</i> <i>Keynote Speaker 1: Professor Célia Joaquim-Justo</i> <i>Keynote Speaker 2: Professor Andreas Pfennig</i></p>	
14:00	14:15	ICATSD2F.99B	<p>GREEN CONSUMER BEHAVIOR AND PURCHASE OF GREEN PRODUCTS AND SERVICES: A REVIEW ON IMPACTS OF GREEN EDUCATION, GREEN MARKETING, AND GREEN PRODUCERS <i>Nguyen Thi Ngoc</i></p>
14:15	14:30	ICATSD2F.304	<p>A POTENTIAL SOLUTION IN SUSTAINABLE AGRICULTURE: STUDYING THE EFFECTS OF BIOCHAR AND BENTONITE APPLICATION ON PH AND PH BUFFERING CAPACITY OF AN ACRISSOLS SOIL IN CUCHI, HCM CITY <i>Nguyen Khanh Hoang</i></p>
14:30	14:45	ICATSD2F.326	<p>APPLICATION OF WASTE DOLOMITE COUPLED WITH FELDSPAR FOR SOIL AMENDMENT <i>Kreangkrai Maneeintr</i></p>
14:45	15:00	ICATSD2F.319	<p>COMPARISON OF INDOOR AIR QUALITY BEFORE AND AFTER VENTILATION RENOVATION: A CASE STUDY FOR TWO TUBE HOUSES IN HO CHI MINH CITY, VIET NAM <i>Bui Thi Ngoc Phuong</i></p>
15:00	15:15	ICATSD2F.321	<p>POTENTIAL HEAVY METAL CONTAMINATION OF GROUNDWATER IN CA MAU PROVINCE, VIETNAM <i>Pham Anh Duc</i></p>
15:15	15:30	ICATSD2F.310	<p>RECOVERY OF PHOSPHORUS FROM DRIED SEWAGE SLUDGE FOR FERTILIZER FORMULATIONS <i>Andreas Pfennig</i></p>
15:30	15:45	ICATSD2F.313	<p>STUDY ON PRACTICAL APPLICATION OF ADVANCED OXIDATION PROCESS (AOP) AND REVERSE OSMOSIS (RO) MEMBRANE FOR TREATMENT OF HIGH-STRENGTH WASTEWATER <i>Ho Ngo Anh Dao</i></p>

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SESSION 3: BIOTECHNOLOGY AND FOOD TECHNOLOGY

<i>Time</i>		November 25, 2022 Location: Research Room 3 (Building B, Ground Floor)	
10:45	11:25	<p><i>Chair: Professor Tran Dinh Thang, Professor Francesca De Filippis</i></p> <p><i>Keynote Speaker:</i></p> <p style="text-align: center;">1. Professor Francesca De Filippis</p> <p style="text-align: center;">2. Professor Venkatesh Meda</p>	
11:25	11:40	ICATSD2F.302	<p>EVALUATION OF THE CHANGES IN ASCORBIC ACID, TOTAL POLYPHENOLS, AND ANTIOXIDANT ACTIVITIES OF PASTEURIZED PUMMELO JUICE USING OHMIC HEATING</p> <p style="text-align: center;"><i>Doan Nhu Khue</i></p>
11:40	11:55	ICATSD2F.311	<p>RESEARCH ON POLYPHENOLS EXTRACTION AND ANTIBACTERIAL CAPACITY FROM CYPERUS ROTUNDUS L. ROOTS</p> <p style="text-align: center;">Do Viet Phuong</p>
11:55	12:10	ICATSD2F.318	<p>WEARABLE ENZYMATIC URIC ACID BIOSENSOR FOR APPLICATION TO MONITORING OF SKIN CONDITION</p> <p style="text-align: center;">Mizuki Sato</p>
12:10	12:25	ICATSD2F.316	<p>ESTABLISHING THE FORMULA FOR FOAM – EMULSION FROM USING LABLAB BEAN AQUAFABA AND XANTHAN GUM AS EGG/MILK REPLACEMENT</p> <p style="text-align: center;"><i>Phu Ai Van</i></p>
12:25	12:40	ICATSD2F.322	<p>THE ROLE OF CITRUS FIBER ON THE TEXTURE OF GLUTEN-FREE, SUGAR-FREE, AND BUTTER-FREE BISCUITS FROM LABLAB BEAN, PUMPKIN, AND BANANA</p> <p style="text-align: center;"><i>Nguyen Thi Minh Nguyet</i></p>
12:40	12:55	ICATSD2F.324	<p>PURIFICATION AND CHARACTERIZATION OF NOVEL THERMOSTABLE ALKALINE AMYLASE FROM <i>Streptomyces</i> sp. RBXK3</p> <p style="text-align: center;"><i>Pham Tan Viet</i></p>

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SESSION 4: CHEMISTRY AND APPLICATIONS

Time		November 25, 2022 Location: Research Room 3 (Building B, Ground Floor)	
13:10	13:50	<p><i>Chair: Professor Yong-Ill Lee, Professor Le Van Tan</i></p> <p><i>Keynote Speaker 1: Prof. Vo The Ky</i></p> <p><i>Keynote Speaker 2: Prof. Takashi Yamashita</i></p>	
14:00	14:15	ICATSD2F.99C	<p>SYNTHESIS AND ADSORPTION PROPERTIES OF NITROSO COMPOUNDS ON TITANIUM OXIDE</p> <p><i>Masaya Kimura</i></p>
14:15	14:30	ICATSD2F.99D	<p>NOVEL OPTOSENSING STRATEGIES FOR TRACE BIOCHEMICAL MOLECULES USING FUNCTIONALIZED NANOMATERIALS</p> <p><i>Young-Ill Lee</i></p>
14:30	14:45	ICATSD2F.99E	<p>SYNTHESIS OF HIERARCHICAL BINARY CORE-SHELL NANOCOMPOSITE CARBON MICROSPHERES@α-Fe₂O₃ FOR ENHANCING ELECTROCHEMICAL BEHAVIOR</p> <p><i>Ho Van Minh Hai</i></p>
14:45	15:00	ICATSD2F.99F	<p>OPTICAL SENSOR BASED ON 2D- HALIDE PEROVSKITE NANOPARTICLE FOR ANALYTICAL CHEMISTRY</p> <p><i>Bui The Huy</i></p>
15:00	15:15	ICATSD2F.99G	<p>ADSORPTION OF AROMATIC CARBOXYLIC ACIDS AND PHENOLIC COMPOUNDS ON TITANIUM OXIDE</p> <p><i>Lei Shang</i></p>
15:15	15:30	ICATSD2F.309	<p>STUDY ON THE INFLUENCE OF ENZYME DEGUMMING METHOD ON SELF-DYED SILK</p> <p><i>Tran Nguyen Tu Uyen</i></p>
15:30	15:45	ICATSD2F.314	<p>TUNING THE VISIBLE LIGHT-SENSITIVE REDUCED GRAPHENE OXIDE (rGO) BY A FACILE ANNEALING ROUTE</p> <p><i>Van Thanh Khue</i></p>
15:45	16:00	ICATSD2F.99H	<p>PREPARATION OF ISOCYANIDE MONOLAYERS WITH BASIC FUNCTIONAL GROUP ON GOLD SURFACE AIMING FOR CATALYTIC APPLICATION</p> <p><i>Tomohiro Ichii</i></p>