GBES 2023

PROGRAM BOOK



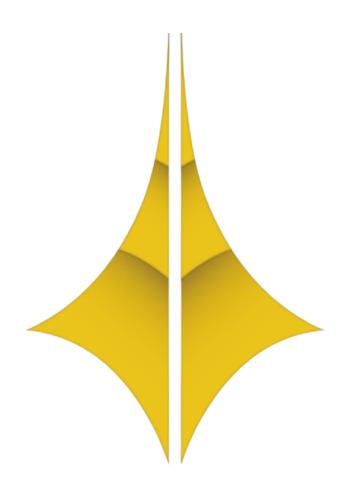
UTM

17TH - 18TH SEPTEMBER 2023

3rd INTERNATIONAL GRADUATE CONFERENCE OF BUILT ENVIRONMENT & SURVEYING

"Innovating Solutions in Built Environment and Surveying"





Our aim is to share knowledge and best practices from a wide range of built environment disciplines. The conference will provide a unique avenue to showcase recent developments and identify emerging trends, laying the groundwork for future growth areas.

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Assalamualaikum Warahmatullahi Wabarakatuh

Alhamdulillah, we are grateful to God because with His abundant grace and permission, on this occasion we can gather together on this beautiful day to make the 3rd International Graduate Conference of Built Environment and Surveying (GBES 2023): 'Innovating Solutions Built Environment and Surveying', organized by the Faculty of Built Environment and Surveying (FABU) Universiti Teknologi Malaysia (UTM). This conference is the third conference organized by FABU. This hybrid conference is held virtually and physically and is jointly organized by the Faculty of Built Environment and Surveying, Post Graduate Student Society, and Universiti Teknologi Malaysia.

This conference is a stage for academics, researchers and postgraduate students to discuss and share ideas based on the theme of "Innovating Solutions in Built Environment and Surveying" through the field of expertise in Built Environment and Surveying. This is also in line with UTM's new tagline which is "Innovating Solutions". The conference will emphasize the latest developments and identify areas that fulfill the future while providing an opportunity to promote faculty expertise and the latest innovations in various fields. Therefore, graduates of faculties, public and private universities, in and outside the country are given the opportunity to present and share their research results.

I hope that this conference will be beneficial to all of us in mainstreaming innovation in line with the emergence of the wave of technology and the era of the digital economy.

Prof. Sr Dr. Kherun Nita Binti Ali

Dean Faculty of Built Environment And Surveying Universiti Teknologi Malaysia

Welcoming Remarks from General Chair



Assalamualaikum Warahmatullahi Wabarakatuh

It is an honor and privilege for me to welcome you, on behalf of the organizers of the 3rd International Graduate Conference of Built Environment and Surveying (GBES 2023). The conference is organized by the Faculty of Built Environment and Surveying (FABU) with the collaboration of Post Graduate Student Society), Faculty of Built Environment and Surveying (PGSS-FABU), Universiti Teknologi Malaysia. The conference is a sequel to GBES 2021 and GBES 2019.

UTM has always placed great emphasis on postgraduate students' academic success and professional skill development. I am therefore delighted to be able to give my full support to this conference. I do believe that this conference will serve as a platform to gain the most recent knowledge from both industrial and academic perspectives by sharing knowledge on best practices from the various disciplines of the built environment. This conference will offer an intellectually motivating and supportive platform for the exchange of ideas between postgraduate research students and get valuable formal feedback from scholars in the field.

I would like to thank all participants and the organizing committees of FABU and PGSS-FABU for making this event happen. It is hoped that GBES will continue to be a biennial meeting of postgraduate students especially those in the field of built environment and surveying researchers to share and exchange their knowledge and forge stronger research network partnerships.

I wish you an excellent conference, full of inspiring ideas and interesting discussion!

Assoc. Prof. Ts. Gs. Sr Dr. Muhamad Uznir Bin Ujang

General Chair International Graduate Conference Built Environment & Surveying 2023 (GBES2023)

Welcoming Remarks from Chairperson



I am delighted to welcome all delegates to the 3rd International Graduate Conference of Built Environment and Surveying (GBES 2023). The aim of this international annual conference is to gather young researchers and academicians, particularly postgraduate students to present and share their current research works and exchange ideas among themselves relating to the built environment and surveying fields of research.

The conference is organized by the Postgraduate Students Society (PGSS-FABU), Faculty of Built Environment and Surveying in collaboration with the Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia. I would like to extend my heartiest and deepest appreciation to all who have worked very hard to make sure this conference is a huge success. I am honoured to thank the sponsors who have contributed their commitment to ensure the entire conference will have a very smooth flow.

Hopefully, this conference will be one of the platforms for postgraduate students and researchers to share their research works and findings to ensure the continuity of research in the future through the publications. I wish everyone a successful and fruitful conference. Have a great time!

Teo Kok Wei

Chairperson International Graduate Conference Built Environment & Surveying 2023 (GBES 2023)

Keynote Speakers



Keynote Speaker 1

Prof. Emeritus Dr. Noor Sharipah Binti Sultan Sidi

Emeritus Professor, Universiti Teknologi Malaysia, Faculty of Built Environment and Surveying

Title:

An Overview Of Rural Planning And Development Framework In Malaysia: A Physical Planning Perspective



Keynote Speaker 2

Mr. Siva Shanker

CEO, Real Estate Agency Rahim & Co International Adjunct Professor Universiti Teknologi Malaysia Faculty of Built Environment and Surveying

Title:

Is Estate Agency a Sunset Industry Keeping Yourself Relevant in Modern Times



Keynote Speaker 3

Professor Sr Gs. Dr. Mazlan Bin Hashim

Professor Universiti Teknologi Malaysia, Faculty of Built Environment and Surveying

Title:

Harnessing Earth Observation System Data for Fast-realizing Sustainable Development Goal (SDG): Mapping Prospects and Reality



OPENING CEREMONY

DAY 1: SUNDAY 17 SEPTEMBER 2023 **Venue: Block B12, Convocation Hall**

	venue : Block Biz, Convocation Hall
Time	Programme
0800	Conference Registration (Attendance Day 1)
0830	Opening ceremony
0850	Doa Recitation
0900	Welcoming address by the Conference Organising Chair, Mr. Teo Kok Wei
0910	Welcoming remarks by the Dean, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia Prof. Sr Dr. Kherun Nita binti Ali
0920	Opening remarks by the Vice-Chancellor, Universiti Teknologi Malaysia Professor Datuk Ir. Ts. Dr. Ahmad Fauzi bin Ismail
0930	Opening Gimmick and Montage Appreciation session to VIP and Sponsor
1000	Photo Session Morning Break
1030	Keynote Speaker 1 Professor Emeritus Dr. Noor Sharipah binti Sultan Sidi Professor Emeritus Universiti Teknologi Malaysia, (Urban and Regional Planning)
1100	Keynote Speaker 2 Mr Siva Shanker, CEO, Real Estate Agency, Rahim & Co International UTM Adjunct Professor (Real Estate)
1130	Keynote Speaker 3 Professor Sr Gs. Dr. Mazlan bin Hashim UTM Professor (Geoinformatics)
1200	Q&A Session Appreciation to Keynote Speaker
1300	Afternoon break
1415	Parallel Sessions 1
1630	Tea Time & End of Day 1

CLOSING CEREMONY

DAY 2: MONDAY 18 SEPTEMBER 2023

Venue: Block C03, Scale Room

Time	Programme
0730	Conference Registration (Attendance Day 2)
0800	Parallel Sessions 2
1030	Morning break
1100	Parallel Sessions 3
1300	Afternoon break
1400	Parallel Sessions 4
1630	Announcement of Award
1645	Closing Speech by Deputy Dean
	(Research Development and Innovation)
	Prof. Ts Dr. Muhammad Zaly Shah bin Muhammad Hussein
1730	Tea Time & Program End



DAY 1: SUNDAY 17 SEPTEMBER 2023 PARALLEL SESSION - PHYSICAL

	VENUE : BLOCK C03, SCALE ROOM (PHYSICAL SESSION 1)		
	MODERATOR : PROF. MADYA DR. ROHAYA BINTI ABDUL JALIL		
TIME	PRESENTER NAME	PAPER TITLE	
1415 1435	MUHAMAD NORFIQIRI BIN ABD HAMID	ADDRESSING IDLE AGRICULTURAL LAND : THE CONCEPTUAL FRAMEWORK OF IDLE LAND TAX BASED ON FINANCIAL SELF-INTEREST MODEL	
1435 1455	AZIZUL BIN ABD GHANI	CHALLENGES IN LAND TITLE ISSUANCE FOR WATER ASSETS IN THE RESTRUCTURED WATER SERVICES INDUSTRY	
1455 1515	EREENA FARISHA HS BINTI HISAMUDDIN	FACTORS THAT CAUSE SLOW ACCEPTANCE OF DATA ANALYTICS IN FACILITIES MANAGEMENT IN MALAYSIA	
1515 1535	NORHISHAM BIN RAHMAT	EFFECTIVE IDLE LAND MANAGEMENT : A CONCEPTUAL FRAMEWORK FROM LAND MANAGEMENT PARADIGM	
1535 1555	TAN SHANG YIN	UNVEILING THE GREEN GENERATION : EXPLORING PREFERENCES AND WILLINGNESS TO PAY FOR GREEN RESIDENTIAL ATTRIBUTES	
1555 1615	MUHAMAD FADHLI MINHAT	UNIVERSITY LAND USED: POTENTIAL UNIVERSITY LAND USE TO GENERATE INCOME	
	VENUE : BLOCK C03, HYBRID ROOM (PHYSICAL SESSION 2)		
	MODERATOR:	Sr Ts DR. MOHD FAISAL BIN ABDUL KHANAN	
TIME	PRESENTER NAME	PAPER TITLE	
1415 1435	HAFIZ USMAN MEHMOOD	A TEMPORAL CONCEPTUAL MODEL FOR MANAGING POST-OCCUPATIONAL HAZARDS IN HIGH-RISE RESIDENTIAL STRATA	
1435 1455	FARAH ILYANA HAIRUDDIN	2D AND 3D GEOGRAPHICAL INFORMATION SYSTEM (GIS) AS INFORMATION ENRICHMENT SUPPORT FOR PREDICTIVE MAINTENANCE IN BUILT ENVIRONMENT	
1455 1515	MUHAMMAD SYAFIQ BIN MUHAMMAD ZALY SHAH	A REVIEW ON THE GIS USAGE IN SPATIO-TEMPORAL RISK ASSESSMENT IN ASSET MANAGEMENT	
1515 1535	MOHAMAD JAHIDI BIN OSMAN	ASSESSMENT OF FARMER CHARACTERISTICS AND DESIGN PREFERENCES ON LOCATION-BASED PEST AND DISEASE REPORTING SERVICE FOR DIGITAL AGRICULTURE : A PRELIMINARY ANALYSIS	
1535 1555	NABILA HUSNA BINTI IDRIS	EXPLORING THE IMPORTANCE AND APPLICATION OF VERSIONING IN 3D CITY MODEL : A REVIEW	

VENUE : BLOCK C03, VIVA ROOM 3 (ONLINE SESSION 1)		
MODERATOR : DR. FITRIYAH BINTI RAZALI		
TIME	PRESENTER NAME	PAPER TITLE
1415 1430	KELVIN CELESISTINUS	INDIGENOUS CULTURAL PRIORITY IN CUSTOMARY LAND DEVELOPMENT: A CASE STUDY OF THE COMMUNITIES ULU PAPAR RIVER, SABAH
1430 1445	NURULLIZA BINTI SALLEH	RESIDENTS' ASSOCIATION CHALLENGES TO GOVERN GUARDED NEIGHBOURHOOD IN MALAYSIA
1445 1500	UMI SYAHIIDAH BINTI SUHAIDI	HARVESTING HIGH-RISES : A COMPREHENSIVE ANALYSIS OF URBAN FARMING PRACTICE AND ISSUES
1500 1515	NUR ANIS AQILA BINTI ZULKIFLI	LEVEL OF MAINTENANCE SERVICES QUALITY IN RESIDENTIAL COLLEGES
1515 1530	SYARAH SYAZWANI ARIFIN	THE INTANGIBLE IMPACTS OF SERVICESCAPE TOWARDS BUSINESS PERFORMANCE
1530 1545	CHIN SWEE LEE	ADOPTION AND ACCEPTANCE OF AUTOMATED VALUATION MODELS (AVMS) IN THE MALAYSIAN REAL ESTATE VALUATION INDUSTRY: PRELIMINARY SURVEY
1545 1600	ARO SHITTU OLUWAKAYODE	THE IMPACT OF VANDALISM ON PUBLIC INFRASTRUCTURE DEVELOPMENT IN NIGERIAN CITIES : A SYSTEMATIC LITERATURE REVIEW
	VENUE : BLO	CK C03, VIVA ROOM 4 (ONLINE SESSION 2)
	MODERATO	R : DR. FADHLINA BINTI AHMAD @ TAUFIK
TIME	PRESENTER NAME	PAPER TITLE
1415 1430	JIA QINGHUA	STUDY ON THE SPATIAL CHARACTERISTICS OF URBAN HERITAGE IN XI'AN CITY'S HISTORICAL CORE AREA
1430 1445	MOHD AMIRUL HAKIM BIN ZAMRI	THE COMPATIBLE ANALYSIS OF EXISTING INFILL BUILDINGS' FACADE DESIGN IN GEORGE TOWN HISTORICAL COMMERCIAL PRECINT
1445 1500	HAUWA OLABISI YUSUF	BUILDING INFORMATION-BASED DIGITAL TWINS FOR GREEN RETROFIT OF EXISTING BUILDINGS : TRENDS, CHALLENGES AND OPPORTUNITIES FOR MALAYSIA
1500 1515	SHI WENWEN	INCLUSIVE DESIGN IN RAIL TRANSIT SPACE : A QUALITATIVE STUDY OF THE RIDING EXPERIENCE OF VISUALLY IMPAIRED COMMUTERS
1515 1530	LI BO	A BIBLIOMETRIC ANALYSIS OF ARTIFICIAL INTELLIGENCE IN THE FIELD OF HERITAGE BUILDINGS (2013-2023)
1530 1545	GAO PENGLONG	PASSIVE DESIGN BUILDING : A COST ANALYSIS IN ZHANGJIAKOU DISTRICT

DAY 1: SUNDAY 17 SEPTEMBER 2023 PARALLEL SESSION - ONLINE

	VENUE : BLO	OCK C03, VIVA ROOM 5 (ONLINE SESSION 3)	
	MODERATOR : DR. FARRAH AZWANEE AMINUDDIN		
TIME	PRESENTER NAME	PAPER TITLE	
1415 1430	MOHAMMED A M SABRI	ADVANCEMENTS IN BUILDING INFORMATION MODELLING AND CONSTRUCTION WASTE MANAGEMENT : A BIBLIOMETRIC ANALYSIS OF RECENT TRENDS	
1430 1445	MUHAMAD SHAFIQ BIN JOHARI	POTENTIALS OF DIGITAL TECHNOLOGY CAPABILITY IN CONSTRUCTION INDUSTRY: A STUDY IN MANAGERS' LEVEL	
1445 1500	JULIA IRDINA BINTI USMUNI	DESIGN FOR SAFETY (DFS) IN MALAYSIAN CONSTRUCTION INDUSTRY	
1500 1515	FARAH KAMILAH BINTI ZAINUDDIN	TRANSACTION COST ECONOMICS APPLICATIONS IN HOUSING DEVELOPMENT : LIMITATIONS AND STRATEGIES FOR MITIGATION	
1515 1530	ISAH LEJE MOHAMMED	SKILLS DIVERSIFICATION ON QUANTITY SURVEYORS FIRMS' PERFORMANCE IN ABUJA, NIGERIA	
1530 1545	NORHANA BINTI DANIAL	LEADERSHIP ISSUES FOR ROAD PROJECT ENGINEERS	
1545 1600	ABDULLAHI ABDULRASHEED MADUGU	TOWARDS A CONCEPTUAL FRAMEWORK FOR APPLICATION OF COMPUTER VISION IN CONSTRUCTION COST CONTROL	
	VENUE : BLOC	K C03, BANQUET ROOM (ONLINE SESSION 4)	
	MODERA	TOR : DR. SUZANNA NOOR BINTI AZMY	
TIME	PRESENTER NAME	PAPER TITLE	
1415 1430	SYAHIIRAH BINTI MOHD SALLEH	CURRENT USES OF TOPOLOGY IN 3D GIS : AN OVERVIEW	
1430 1445	NURFAIRUNNAJIHA BINTI RIDZUAN	INVESTIGATING THE INFLUENCE OF 3D BUILDING MODELS ON PEDESTRIAN WIND COMFORT THROUGH WIND COMPUTATIONAL FLUID DYNAMICS ANALYSIS	
1445 1500	SHAKIRAH AMIRAH BINTI MOHD ARIFF	DATA STRUCTURING APPROACHES FOR MANAGING POINT CLOUD DATA IN DOCUMENT-STORE DATABASES FOR SMART CITIES	
1500 1515	APEH MICHAEL MOSES	DATA STRUCTURES AND EXCHANGE FORMATS FOR UNIFIED 3D SPATIAL DATA MODELING : AN OVERVIEW	
1515 1530	WAN NOR FA'AIZAH BT WAN ABDUL BASIR	ADAPTATION 4D AND 5D BIM FOR BIM/GIS DATA INTEGRATION IN CONSTRUCTION PROJECT MANAGEMENT	
1530 1545	NURAIN BINTI OTHMAN	CHALLENGES AND OPPORTUNITIES OF GEOLOCATION IN APPLICATION DEVELOPMENT : A SCOPING REVIEW	
1545 1600	FAIZ BIN SEMAIL	ASSESSING THE ACCURACY OF UNMANNED AERIAL VEHICLES FOR CONCRETE SLAB DEFLECTION MONITORING	
1600 1615	NEVIL VIDYAMANEE WICKRAMATHILAKA	3D KRIGING INTERPOLATION FOR TRAFFIC NOISE VISUALIZATION: DESIGNING NOISE OBSERVATION POINTS AND VALUATION OF SPATIAL INTERPOLATION ACCURACY	

VENUE : BLOCK C03, MAWAR MEETING ROOM (ONLINE SESSION 5)			
	MODERATOR : DR. MOHAMAD FADHLI BIN RASHID		
TIME	PRESENTER NAME	PAPER TITLE	
1415 1430	LI XIANGYU	EXAMINE COUPLING COORDINATION DEGREE FOR TRANSPORTATION SYSTEM AND URBANIZATION DEVELOPMENT	
1430 1445	LI XIAOQING	TRAVEL MODE CHOICE RESEARCH IN 2019-2023 : A SCIENTOMETRIC REVIEW	
1445 1500	ILMIAH BINTI BAKRI	CHALLENGES AND POTENTIAL SOLUTIONS IN IMPLEMENTING STRATA SUBDIVISION TERMINATION FOR URBAN REDEVELOPMENT : A REVIEW	
1500 1515	TAN LAY YEN	YOUTH TRAVELERS DECISION MAKING TO TRAVEL THROUGH SOCIAL MEDIA	
1515 1530	NOR ZAHIDA BINTI NORDIN	MALAYSIANS' SENTIMENT ON SUICIDE-RELATED TWEETS DURING TRANSITION PHASE OF COVID-19	
1530 1545	MUHAMAD NOOR AIMAN BIN BANI	REVIEW ON REQUIREMENTS AND PROCESS OF SOCIAL IMPACT ASSESSMENT FOR PROJECT DEVELOPMENT IN MALAYSIA	
1540 1600	NABIHA BINTI MOHD KHUSAIRY	A REVIEW OF LIVEABLE NEIGHBORHOOD : PERSPECTIVE OF MEASUREMENT IN URBAN PLANNING	
1600 1615	RUILIN WANG	A REVIEW OF CHINESE IMMIGRANT FOR MALAYSIA AS A MY SECOND HOME'S PREFERENCE	

DAY 2: MONDAY 18 SEPTEMBER 2023 PARALLEL SESSION - PHYSICAL

VENUE : BLOCK C03, SCALE ROOM (PHYSICAL SESSION 1)		
MODERATOR : LAr Ts. DR. NURZULIZA BINTI JAMIRSAH		
TIME	PRESENTER NAME	PAPER TITLE
0830 0850	RAFIUDDIN BIN ROSLAN	A SYSTEMATIC LITERATURE REVIEW ON 24-HOUR CITY CONCEPT FOR URBAN LANDSCAPE DEVELOPMENT
0850 0910	ZUL AZRI BIN ABD AZIZ	FLOOD ADAPTATION IMPACTS OF BLUE-GREEN INFRASTRUCTURE THROUGH HYDROSOCIAL FRAMEWORK
0910 0930	SALSABILA FATINAH	A REVIEW OF SMALL URBAN GREEN SPACES STRUCTURAL COMPOSITION ON URBAN HEAT ISLAND MITIGATION
0930 0950	NUR AIN BINTI NOOR AZMAN	EXAMINING THE IMPACTS OF ONLINE BOOKING SERVICES ON SMALL-SCALE TOURISM ACCOMMODATION
0950 1010	HAIDALIZA BINTI MASRAM	POTENTIAL OF THE ESTABLISHMENT OF A SINGLE AUTHORITY FOR AFFORDABLE HOUSING PROVISION IN MALAYSIA
		SESSION BREAKS
	MODE	RATOR : DR. MARYANTI MOHD RAID
1100 1120	SIA PONG HOCK	LAND USE PRACTICES CAUSING CLIMATE CHANGE : A REVIEW
1120 1140	HANISAH BINTI ABD RAHMAN	PERCEPTION OF GREEN ROOF USERS WITH THEIR MENTAL WELL-BEING
1140 1200	SAIFFUL NAZMI BIN MOHD ZAIN	A REVIEW OF TRANSIT-ORIENTED DEVELOPMENT FOR THE IMPROVEMENT OF PUBLIC AMENITIES IN MALAYSIA
1200 1220	ANIS SYAFIQAH BINTI ALIAS	THE CONTRACTUAL CHALLENGES AND STRATEGIES IN BUILDING INFORMATION MODELLING
1220 1240	NURUL AIN NAJWA BINTI ZULKIFLE	SHORELINE CHANGES ALONG JOHOR STRAIT BY USING SENTINEL-1 SYNTHETIC APERTURE RADAR (SAR) IMAGERY
		SESSION BREAKS
	MODERAT	TOR : DR. AK MOHD RAFIQ AK MATUSIN
1400 1420	NABILA BINTI NORIZAN	CO-DESIGNING SMART TOURISM EXPERIENCE : UTILIZING BIG AND THICK DATA FOR VALUE CREATION IN THE HOTEL INDUSTRY
1420 1440	NOR FATIMAH ABD HAMID	A SYSTEMATIC LITERATURE REVIEW OF ARTISAN ENTREPRENEURSHIP DEFINITION
1440 1500	IDA SHAHEERA BINTI BAKHTIAR	COMPARATIVE REVIEW OF SMART CITY FROM AN URBAN PLANNING PERSPECTIVE IN JOHOR BAHRU CITY AND PETALING JAYA CITY
1500 1520	RUT BINTI DOUNI	THE IMPLEMENTATION OF CREATIVE TOURISM TO ENHANCE LOCAL COMMUNITY DEVELOPMENT IN MALAYSIA
1520 1540	NABIHAH BINTI KAMARUDIN	EXTRINSIC AND INTRINSIC MOTIVATION OF TOURISTS TO USE PUBLIC TRANSPORT FOR LEISURE : A THEORETICAL REVIEW AND CONCEPTUAL FRAMEWORK

DAY 2: MONDAY 18 SEPTEMBER 2023 PARALLEL SESSION - PHYSICAL

	VENUE : BLOCK C03, HYBRID ROOM (PHYSICAL SESSION 2)		
	MODERATOR : PROF. MADYA LAr DR. SAPURA MOHAMAD		
TIME	PRESENTER NAME	PAPER TITLE	
0830 0850	ABDUL CHRISTOPHER ILEANWA	APPLICATION OF SHADING DEVICES AND OTHER THERMAL PERFORMANCE SOLUTIONS TO MAXIMIZE THERMAL PERFORMANCE OF HIGH-RISE CURTAIN WALL OFFICE WORKING SPACES : A CURRENT REVIEW	
0850 0910	LI WEICONG	A NEW PERSPECTIVE ON COGNITIVE REHABILITATION: ENVIRONMENTAL DESIGN METHODS FOR WANDERING BEHAVIOR IN PATIENTS WITH COGNITIVE DISORDERS	
0910 0930	SITI DALILA BINTI MOHD SOJAK	APPLICATION AND TRENDS OF MOTIFS AND STYLES ON MOSQUE ORNAMENTATION IN MALAYSIA : FROM TRADITIONAL TO GLOBAL	
0930 0950	DAVID BOLU DALUMO	A REVIEW OF EXTERNAL SHADING DESIGN AND FAÇADE SYSTEMS IN THE BUILT ENVIRONMENT	
		SESSION BREAKS	
	MODERATOR	: DR. NAQIYATUL AMIRAH BINTI MOHD SAID	
1100 1120	KOH FUNG CHIENG	ADDITIONAL DEVELOPMENT COST COMPONENTS FOR SMART LIVING HOUSING DEVELOPMENT	
1120 1140	MOHAMMAD SUZAIME BIN SAZALI	ADDRESSING THE NEEDS OF DESIGN FOR SAFETY (DFS) EDUCATION USING PROJECT-BASED LEARNING (PJBL) APPROACH	
1140 1200	NUR NILAM SARI BINTI MD YUSOFF	REVIEW ON OSHCIM IMPLEMENTATION IN THE MALAYSIAN CONSTRUCTION INDUSTRY	
1200 1220	PRESCILLA ANAK PALIS	THE CURRENT TREND OF BIG DATA : AN OVERVIEW OF STRATEGIES TO LEVERAGE THE IMPLEMENTATION OF BIG DATA IN THE CONSTRUCTION INDUSTRY	
1220 1240	ABBY BALKIS GORAYAH	THE IMPLEMENTATION OF SMART CONTRACT AS A SOLUTION FOR SOLVING LEGAL CONTROVERSIES IN THE CONSTRUCTION INDUSTRY (A BIBLIOMETRIC ANALYSIS AND CRITICAL REVIEW)	
SESSION BREAKS			

DAY 2: MONDAY 18 SEPTEMBER 2023 PARALLEL SESSION - PHYSICAL

VENUE : BLOCK C03, HYBRID ROOM (PHYSICAL SESSION)			
	MODERATOR : DR. MOHD ALIF MOHD PUZI		
1400 1420	RUT BINTI DOUNI	YOUTH PARTICIPATION IN RURAL TOURISM : FACTORS AND CHALLENGES	
1420 1440	SYAHMI BIN SAMSON	UNRAVELING THE DYNAMICS OF SOCIAL CONSTRUCTION OF NATURE AND ITS INFLUENCE ON PRO-ENVIRONMENTAL BEHAVIOUR IN ECOTOURISM SITES	
1440 1500	SUSANNA IBRAHIM ZEGO	PERFORMANCE OF COLD CHAIN LOGISTICS SERVICE PROVIDERS IN THE FAST-MOVING CONSUMER GOODS INDUSTRY IN NIGERIA : A SYSTEMATIC REVIEW	
1500 1520	ILIYA FARHANI BINTI ISMAIL	AN OVERVIEW OF SERVICE QUALITY OF PUBLIC TRANSPORT STUDIES USING BIBLIOMETRIC ANALYSIS	
1520 1540	NUR AINNA AZNIDA BINTI ABDULLAH	THE EMERGING OF RAIL TOURISM AS SUSTAINABLE TOURISM IN MALAYSIA	

VENUE : BLOCK C03, VIVA ROOM 3 (ONLINE SESSION 1)		
MODERATOR : DR. ZAFIRAH BINTI AB MUIN		
TIME	PRESENTER NAME	PAPER TITLE
0830 0845	KELVIN CELESISTINUS	FACTOR CONTRIBUTING TO UNSUCCESSFUL CUSTOMARY LAND DEVELOPMENT IN SABAH : LESSONS FOR SUSTAINABLE SOLUTIONS
0845 0900	CHUA SEOK YING	AN OVERVIEW OF THE HOUSING TENURE TREND IN MALAYSIA
0900 0915	AHMAD TAJJUDIN BIN ROZMAN	LIFESTYLE THEORY APPROACH IN HOUSING CHOICES DECISION MAKING
0915 0930	MUHAMAD KHAIRUL SHAH BIN KAMARUDIN	FACTOR INFLUENCING DECISION ON PURCHASING RESIDENTIAL REAL ESTATE FOR INVESTMENT
0930 0945	NUR HUZAIFAH BINTI ZAINAL	STRATA LEASE SCHEMES FOR TOWNSHIP DEVELOPMENT : A CASE STUDY OF BANDAR BARU AYER ITAM IN PENANG
0945 1000	NORHISHAMMUDIN BIN BAHARUDIN	ALIGNING MALAYSIAN AGROTOURISM REAL ESTATE INVESTMENT WITH THE SUSTAINABLE DEVELOPMENT GOALS : OPPORTUNITIES
1000 1015	SITI FARAHANEZA BINTI MOHD MISRON	A REVIEW OF BUILDING INFORMATION MODELLING IMPLEMENTATION IN FACILITIES MANAGEMENT : CHALLENGES, BENEFITS, AND BEST PRACTICES
1015 1030	IBRAHIM ISYAKU	APPLICATION OF COMPUTER ASSISTED MASS APPRAISAL (CAMA) IN REAL ESTATE PROFESSION IN NIGERIA : A REVIEW OF VALUATION MODERN TECHNIQUES
		SESSION BREAKS
	MODE	RATOR : Sr DR. AZIZAH BINTI ISMAIL
1100 1115	IBRAHIM ISYAKU	ASSESSMENT OF THE COMPLIANCE OF DEVELOPMENT CONTROL IN ZURU TOWN, KEBBI STATE, NIGERIA
1115 1130	NING YUPING	LONG-TERM STOCK PERFORMANCE OF PRIVATE PLACEMENT IN CHINA-LISTED PROPERTY COMPANIES
1130 1145	AFRANE EBENEZER	A REVIEW FOR AN INTEGRATED APPROACH FOR POLICY IMPLEMENTATION OF AFFORDABLE PUBLIC HOUSING IN GHANA
1145 1200	TEO KOK WEI	IS THE INDUSTRY READY? ARTIFICIAL INTELLIGENCE-ASSISTED SPACE MANAGEMENT IN FACILITIES MANAGEMENT
1200 1215	IFEOLUWA ADEDOYIN ADEYEMI	AN ANALYTICS READINESS FRAMEWORK FOR COST-EFFECTIVE DECISION-MAKING IN BUILDING MAINTENANCE
1215 1230	NORHAFIZA ABDULLAH	LEGAL ACTION OVER ABANDONED RURAL RESIDENTIAL LAND
SESSION BREAKS		

VENUE : BLOCK C03, VIVA ROOM 3 (ONLINE SESSION 1)			
	MODERATOR : DR. SITI NUR HANNAH ISMAIL		
1400 1415	WANG XINHAO	INFLUENCE OF ARTIFICIAL LIGHT ON VISITORS' EMOTIONAL AROUSAL IN MEMORIAL SPACE, NANJING MASSACRE MEMORIAL HALLS AS AN EXAMPLE	
1415 1430	ON CHAI LEE	ESTIMATION OF LEAF AREA INDEX FOR LANDSCAPE PLANNING WITH UNMANNED AERIAL VEHICLE IN THE TROPICS	
1430 1445	DAODU SUNDAY AFEOSEMOBO	A SYSTEMATIC REVIEW OF URBAN OPEN SPACE POLICIES IN NIGERIA	
1445 1500	MEOR ABDULLAH ZAIDI MEOR RAZALI	EXPLORING BUNDLE BAMBOO SPLIT (BBS) TECHNIQUE IN BENDING DENDROCALAMUS ASPER FOR LANDSCAPE STRUCTURE	

VENUE : BLOCK C03, VIVA ROOM 4 (ONLINE SESSION 2)				
	MODERATOR : DR. TENGKU INTAN SURAYA BINTI TENGKU AZIZ			
TIME	PRESENTER NAME	PAPER TITLE		
0830 0845	MUHAMMAD REDUAN BIN ISAHAK	BAMBOO STRUCTURE OF MALAYSIAN TRADITIONAL KITES (WAU)		
0845 0900	AULE, THOMAS TERNA	UNLOCKING INNOVATIVE DEVELOPMENTAL OUTCOMES IN BUILT ENVIRONMENT USING MEANS-END CHAIN MODEL : A BIBLIOMETRIC AND SCIENTOMETRIC ANALYSIS		
0900 0915	IBIYEYE AMINAT IDOWU	BUILDING SUSTAINABILITY AWARENESS AMONGST ARCHITECTURAL STUDENTS OF KADUNA STATE UNIVERSITY		
0915 0930	PRAISE OJUOLUWA AKINDOYIN	SUSTAINABLE BUILDING MATERIALS FOR ACHIEVING ECO-FRIENDLY IDP CAMPS : LITERATURE REVIEW		
0930 0945	EIAD ASHRAF ABDELMONEIM MOHAMED	WALKABILITY IN UTM JOHOR BAHRU CAMPUS AS SUSTAINABLE UNIVERSITY		
	SESSION BREAKS			
	MODE	ERATOR : DR. NOR IZURA TUKIMAN		
1100 1115	OUYANG YIFEI	THE REVITALIZATION AND MODERNIZATION OF MANCHURIAN WINDOW OF LINGNAN ARCHITECTURAL DECORATIVE ART		
1115 1130	BAQUIRAN, RAQUEL LIM	FACADE OPENING CLASSIFICATION OF 1850–1930 COLONIAL HOUSES IN SILAY CITY USING GESTALT PRINCIPLES AND FEATURE ANALYSIS		
1130 1145	ELISfE TAN LEE MEI	CRITICAL FACTORS OF BUILDING INFORMATION MODELLING STANDARDS IMPLEMENTATION IN ARCHITECTURAL, ENGINEERING AND CONSTRUCTION INDUSTRY IN SARAWAK, MALAYSIA		
1145 1200	SITI NURLIYANA BINTI ZAINUDIN	THE IMPLICATION OF CONNECTIVITY AS A DESIGN INTERVENTION TOWARDS THE SPATIAL LAYOUT OF URBAN PUBLIC SPORTS FACILITIES		
1200 1215	MD SHAFIQUE RAHMAN	A STUDY OF VERNACULAR BUILDING MATERIALS IN BANGLADESH BASED ON EMBODIED ENERGY AND ENVIRONMENTAL PERFORMANCE		
SESSION BREAKS				

VENUE : BLOCK C03, VIVA ROOM 4 (ONLINE SESSION 2)		
MODERATOR : DR. JANATUN NAIM YUSOF		
1400 1415	WANG XIAXIA	LANDSCAPE EVALUATION IN PUBLIC PARK FOR SENIORS RECREATIONAL ACTIVITIES
1415 1430	WANG JIE	THE LANDSCAPE CHARACTERI ASSESSMENT OF HISTORIC URBAN LANDSCAPE APPROACH : A SYSTEMATIC REVIEW
1430 1445	ZHANGXINYUN	THE RESILIENCE OF 'LINPAN' CULTURAL LANDSCAPE: A NARRATIVE REVIEW OF BACKGROUND, ISSUES AND CHALLENGES
1445 1500	MAZIANA BINTI MAZLAN	OUTDOOR LEARNING IN ISLAMIC EDUCATIONAL INSTITUTIONS ENVIRONMENT

VENUE : BLOCK C03, VIVA ROOM 5 (ONLINE SESSION 3)			
	MODERATOR : Sr DR. ZUHAILI BIN MOHAMAD RAMLY		
TIME	PRESENTER NAME	PAPER TITLE	
0830 0845	KUMALASARI BINTI KIPLI	KNOWLEDGE MANAGEMENT FRAMEWORK FOR PRIVATE FINANCE INITIATIVE PROJECTS AT PRE-CONTRACT STAGE	
0845 0900	MOHD ADLI BIN ADANAN	SYSTEMATIC LITERATURE REVIEW OF HARNESSING SUSTAINABILITY STRATEGIES IN PROJECT MANAGEMENT OF CONSTRUCTION PROJECT	
0900 0915	KUMALASARI BINTI KIPLI	CONSTRUCTION PROJECT COST ESTIMATION SOFTWARE UTILIZATION IN CONSTRUCTION INDUSTRY	
0915 0930	WAN SYAZANA BINTI WAN SHABERI	DEVELOPMENT OF MODEL FOR SUSTAINABLE SANITARY FACILITIES DESIGN IN PUBLIC BUILDINGS IN MALAYSIA	
0930 0945	JALEEL YOUSIF	TRANSITION TOWARD SUSTAINABLE HOUSING CONSTRUCTION IN IRAQ	
0945 1000	AIMI AQILAH BINTI MUHAMMAD AZHAR	THE CONTRACT ADMINISTRATION OF SOLAR ENERGY IN MALAYSIA	
	SESSION BREAKS		
	MODERA	TOR : Sr DR. SHAMSULHADI BIN BANDI	
1100 1115	HENG SHOK HUI	MANAGING POST-DISRUPTION SUPPLY CHAIN RECOVERY	
1115 1130	GEORGE AMPONSAH YAMOAH	REVIEW OF ADDRESSING PAYMENT DELAY	
1130 1145	IBTISAM AZWANI MAT YA'ACOB	EXPLORE THE POSSIBILITY OF SHIFTING FACE-TO-FACE TO FULL ONLINE TEACHING FOR QUANTITY SURVEYING PROGRAMME	
1145	JALEEL YOUSIF	THE INFLUENCE OF LABELLED GREEN BUILDING MATERIALS ON THE PERFORMANCE OF GREEN CONSTRUCTION PROJECTS	
1200			
1200 1200 1215	OLUMUYIWA MICHAEL ALABI	A REVIEW ON ERROR-INDUCED-BUILDING COLLAPSE AT THE CONSTRUCTION STAGE IN LAGOS, NIGERIA	
1200			

MODERATOR : Ts. Gs. DR. NORADILA RUSLI		
1400 1415	NUR HANIE IRDINA BINTI JAMALUDIN	THE CHALLENGES OF URBAN ENVIRONMENT AND MENTAL HEALTH: AN OVERVIEW
1415 1430	SANI BARAU	A BIBLIOMETRIC ANALYSIS OF DRIVING BEHAVIOUR OF COMMERCIAL TRANSPORT DRIVERS: AN AFRICAN PERSPECTIVE
1430 1445	SALMAN TUNDE AROBANI	AN OVERVIEW OF CONSUMER SATISFACTION OF INTERNALLY DISPLACED PERSONS IN NIGERIA: A BIBLIOMETRIC ANALYSIS
1445 1500	ADEWALE YEMI YEKEEN	SYSTEMATIC REVIEW OF URBAN MANAGEMENT IN THE CONTEXT OF LIVEABILITY AND SOCIAL EXCLUSION IN NIGERIA
1500 1515	YU HUIYUN	SPATIAL FORM COGNITION OF HISTORICAL STREETS IN HONGCUN VILLAGE THROUGH A SPACE SYNTAX APPROACH
1515 1530	MUSA ADAMU EYA	THE MODERNISATION AND SOCIALIZATION OF ROADSIDE TRADING IN FLOURISHING HUMAN LIVELIHOOD FOR SUSTAINABLE DEVELOPMENT

	VENUE : BLOCK C03, BANQUET ROOM (ONLINE SESSION 4)			
	MODERATOR : DR. KELVIN TANG KANG WEE			
TIME	PRESENTER NAME	PAPER TITLE		
0830 0845	MURTADHA ARYAN MENEKHER AL-GHEZZI	INTEGRATION OF INTERFEROMETRY AND ALTIMETRY TECHNIQUES FOR COMPING AND REDUCING THE DESERTIFICATION PHENOMENA IN IRAQ		
0845 0900	MOHD ADHA BIN ABDUL MAJID	INTEGRATING MULTIPLE GEOSPATIAL DATASETS FOR PRECISE AND EFFICIENT SURFACE WATER EXTENT MAPPING IN MALAYSIA		
0900 0915	WANG YIPENG	COMPARISON OF DIFFERENT VARIABLE SELECTION METHODS FOR PREDICTING THE OCCURRENCE OF METISA PLANA IN OIL PALM PLANTATION USING MACHINE LEARNING		
0915 0930	SHAHRIL AZHARI BIN JUMARI	THE IMPACT OF DELIMITATION AND DEMARCATION OF INTERSTATE BORDERS AFTER THE COLONIAL ERA IN PENINSULAR MALAYSIA		
0930 0945	AMALINA BINTI YUSUP	SIMULATING AND MODELING TREE ROOT HEALTH USING GPR AND NUMERICAL ANALYSIS		
0945 1000	SITI SYUKRIAH BINTI KHAMDAN	APPLICATION OF LOCAL DERIVED IONOSPHERIC MODEL IN SOLVING AMBIGUITY OF BASELINE : PRELIMINARY STUDY		
1000 1015	MOHAMMAD IKMAL BIN MOHD DZUKHI	RELIABILITY OF THE GNSS CARRIER-PHASE REAL-TIME KINEMATIC FIX SOLUTION FOR ON-THE-FLY OBSERVATION		
	SESSION BREAKS			
	MODERATO	R : DR. AMALINA IZZATI BINTI ABDUL HAMID		
1100 1115	MOHD AZIZI BIN ALIM SHAH	DETECTION OF FAR-FIELD SEISMIC WAVE USING SEISMOMETER AND GPS CORS: 2018 SULAWESI EARTHQUAKE 7.5 MW		
1115 1130	AMIR HUSNI BIN KAMALUDIN	AN INSIGHT ON TECTONIC MOTION CHANGES IN MALAYSIA VIA GLOBAL POSITIONING SYSTEM (GPS) MEASUREMENTS		
1130 1145	NORAZIERA BINTI AZAHAR	ASSESSMENT OF SITE VELOCITY PREDICTION USING GPS-DERIVED SITE VELOCITY AND PREDICTED VELOCITY		
1145 1200	OOI WEI HAN	OVERVIEW OF INTERNATIONAL CORS SETUP AND OPERATIONAL PRACTICES		
1200 1215	LING SIE CHIEW	A SPATIAL ANALYSIS OF THE RELATIONSHIP BETWEEN THE SOCIOECONOMIC VARIABLES AND HOUSEHOLD CHARACTERISTICS TOWARD FLOOD EVACUATION DECISION		
1215 1230	SHAHRUL MARDHIAH BINTI AZMI	MONITORING GROUNDWATER STORAGE USING GRAVITY RECOVERY AND CLIMATE EXPERIMENT (GRACE) SATELLITE AND HYDROLOGICAL DATA IN KELANTAN, MALAYSIA		
1230 1245	AMALIN A'ISHAH BINTI MOHD NASIR	WEB-BASED 3D DATA VISUALIZATION WITH CITYGML MODELS		

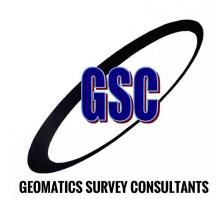
	SESSION BREAKS		
	VENUE : BLOCK C03, BANQUET ROOM (ONLINE SESSION 4)		
	MODERATOR : EN. WAN HAZLI BIN WAN KADIR		
1400 1415	MUSA MUHAMMAD CHINDO	WHAT IS THE LANDCOVER INTERFEROMETRIC NOISE PATTERN OF SENTINEL-1 SAR IN THE VEGETATED HUMID TROPIC?	
1415 1430	MASRETA BINTI MOHD @ BASRI	ENHANCED DECISION MAKING IN THE BRIDGE INSPECTION PROCESS BY MEANS OF DASHBOARD APPROACH	
1430 1445	MOHD HAFIS BIN MOHD ROOM	INTEGRATION OF AIRBORNE UAV LIDAR AND TERRESTRIAL LIDAR SYSTEM FOR ACCURATE 3D BUILDING MODEL CONSTRUCTION	
1445 1500	NURUL ASYIQIN BINTI MOHAMAD FADZIL	SCOPING REVIEW OF THE RELATIONSHIP BETWEEN FINE PARTICULATE MATTERS AND LAND USE/LAND COVER CHANGE	
1500 1515	LIU PENGZHEN	A REVIEW OF SATELLITE-BASED MONITORING OF GROUNDWATER STORAGE CHANGES AND DEPLETION CONSEQUENCES	
1515 1530	LEE HONG SHENG	ASSESSING ACCURACY OF PRECISE POINT POSITIONING IN MALAYSIA USING GPS EPHEMERIDES WITH DIFFERENT DURATION	

VENUE : BLOCK C03, MAWAR MEETING ROOM (ONLINE SESSION 5)			
MODERATOR : DR. SYED MUHAMMAD RAFY BIN SYED JAAFAR			
TIME	PRESENTER NAME	PAPER TITLE	
0830 0845	SOFIANE MADMAR	APPLICATIONS OF BIOMIMICRY TO URBAN PLANNING : INTERROGATING THE RELEVANCE OF EMERGING APPROACHES TO DESIGN CITIES BY INSPIRING FROM NATURE	
0845 0900	YUSRA AULIA SARI	EXPLORING LAND USE CHANGE INFLUENCES CHILDREN'S TRAVEL BEHAVIOR ON THE HOME-SCHOOL JOURNEY	
0900 0915	VORODAM JOSHUA BABACUWEKEM	EXPLORING THE MULTIDIMENSIONAL DETERMINANTS OF LOCAL ECONOMIC DEVELOPMENT IN RURAL COMMUNITIES IN GHANA : A COMPARATIVE ANALYSIS	
0915 0930	LI, RUOHAN	PROMOTING GREEN AGRICULTURE AND RURAL DEVELOPMENT IN POST-MODERN CHINA: ISSUES, CHALLENGES AND FUTURE RESEARCH	
0930 0945	TIJJANI ABDULGANIYU OLUKAYODE	FACTORS INFLUENCING ROAD SETBACKS AND URBAN OPEN SPACE ENCROACHMENT BY TRADERS IN NIGERIA : A NARRATIVE REVIEW	
0945 1000	NORAJLIN JAINI	A THEMATIC REVIEW ON THE ATTRIBUTES OF THEME PARK ATTRACTION	
1000 1015	ZHOU CAN	MUSEUM AS A CULTURAL AND CREATIVE TOURISM ATTRACTION : A REVIEW ON LITERATURE	
1015 1030	NURUL SULIANA BINTI YUSOFF	TRANSFORMATION OF ABORIGINAL COMMUNITIES TOWARDS THE REGIONAL DEVELOPMENT OF ISKANDAR MALAYSIA	
	SESSION BREAKS		
	MODERAT	OR : DR. NURUL DIYANA BINTI MD KHAIRI	
1100 1115	ZAMIR KARWAND	COMPUTER VISION-BASED EVALUATION OF PEDESTRIAN ACTIVITY IN HETEROGENEOUS TRAFFIC ENVIRONMENTS : A CASE STUDY OF KABUL CITY INTERSECTIONS	
1115 1130	SITI NURHIDAYAH BINTI RAMLI	REVIEW ON METHODS / ALGORITHMS USING SOCIAL MEDIA DATA TOWARD PUBLIC TRANSPORTATION	
1130 1145	JOSEPHINE SIAW LING LEE	SOUNDSCAPE PERCEPTION AND PREFERENCE IN THE CONTEXT OF MALAYSIAN URBAN PARKS	
1145 1200	GARBA MUHAMMAD SANI	SITE SELECTION FOR ELECTRIC VEHICLES CHARGING STATION USING GIS WITH MCDM AHP, FAHP, AND TOPSIS TECHNIQUES	
1200 1215	ZAINAB SANI SAMBO	LEVEL OF SERVICE ASSESSMENT FOR PEOPLE WITH DISABILITY IN KAWO BUS TERMINAL PARK KADUNA STATE, NIGERIA	
1215 1230	SUNUSI ABDULKARIM	THE EFFECT OF INSECURITY ON PUBLIC TRANSPORTATION SYSTEM IN THE NORTH-EAST, NIGERIA	
1230 1245	MUSA ADAMU EYA	ANALYSIS OF HUMAN ACTIVITIES ON THE CORRIDOR ROAD IN KARU, NASARAWA STATE, NIGERIA	
1245 1300	LIN MEI	THE CURRENT STATUS OF INTEGRATION DEVELOPMENT ON TAOISM CULTURE AND TOURISM	

VENUE : BLOCK C03, MAWAR MEETING ROOM (ONLINE SESSION 5)		
MODERATOR : DR. NAFISA BINTI HOSNI		
1400 1415	NOORDINI BINTI CHE' MAN	A REVIEW OF AGENT BASED MODEL DEVELOPMENT IN URBAN STUDIES
1415 1430	SIDDIQA AMIN	SERVICE QUALITY ASSESSMENT OF ORANGE LINE METRO TRAIN, LAHORE, PAKISTAN
1430 1445	NUR JANNAH BINTI MOHD ESA	A SYSTEMATICAL LITERATURE REVIEW OF EQUESTRIAN PLANNING IN TOURISM
1445 1500	LI GUANGMING	COMPARATIVE STUDY ON THE IMPACTS OF TOURISM STICKINESS ON LAND USE EFFICIENCY: A CASE OF YULONG SNOW MOUNTAIN AND JIAOZI SNOW MOUNTAIN IN YUNNAN, CHINA
1500 1515	CAI ZIYU	CO-CREATION IN TOURISM : A SYSTEMATIC LITERATURE REVIEW
1515 1530	NURFASIHAH BINTI MOHD RAZALI	ANALYZING FACTORS OF ECONOMIC CAPITAL ON THE SOCIO-ECONOMIC BACKGROUND OF RURAL COMMUNITY IN MALAYSIA
1530 1545	SIDDIQA AMIN	URBAN TRANSPORT INTERVENTIONS: THE WAY FORWARD TO SUSTAINABLE CITY, IN CONTEXT OF LAHORE, PAKISTAN



























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