

WBC2025
In-Person Schedule v1 (this is a draft schedule. Times may change)

DAY	TIME	ROOM 1: STEW202 (Capacity: 84)				ROOM 2: STEW204 (Capacity: 42)				ROOM 3: STEW206 (Capacity: 84)				ROOM 4: STEW214 (Capacity: 4x42=168)				ROOM 5: STEW218 (Capacity: 4x42=168)				ROOM 6: STEW278 (Capacity: 60)				ROOM 7: STEW279 (Capacity: 72)				ROOM 8: STEW302 (Capacity: 126)				ROOM 9: STEW306 (Capacity: 98)			
		SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers	SESSION#	SESSION THEME	# of Papers						
DAY 1: MONDAY MAY 19	10:30-11:30	1	W065 + SDG 9	3	5	W069 + SDG 11	3	9	TG96 + SDG 9	3	13	W099 + SDG 3	2	17	W107 + SDG 9	2	21	TG91 + SDG 9	2	25	W122	3	29	W116 + SDG 7	4	33	W104 + SDG 11	2									
	11:30-12:30	2	W065 + SDG 9	3	6	W069	2	10	TG96 + SDG 9	3	14	W099 + SDG 3	2	18	Misc	0	22	TG91 + SDG 9	3	26	TG81	1	30	W116 + SDG 9	3	34	W104 + SDG 11	2									
	14:00-15:00	3	W065 + SDG 9	3	7	Misc	0	11	TG96 + SDG 9	3	15	W099 + SDG 3	3	19	W107	3	23	TG91	3	27	Misc	0	31	W116 + SDG 9	2	35	W104	2									
	15:00-16:00	4	W065 + SDG 9	4	8	Misc	0	12	Misc	0	16	W099 + SDG 3	3	20	W107	3	24	TG91	2	28	W110	2	32	W116 + SDG 9	3	36	Misc	0									
DAY 2: TUESDAY MAY 20	10:30-11:30	37	W065	3	41	W070 + SDG 9	3	45	Misc	3	49	Misc	0	53	Misc	0	57	W121 + SDG 9	4	61	TG124	4	65	W116 + SDG 11	2	69	W096	3									
	11:30-12:30	38	W065	3	42	W070 + SDG 9	3	46	W102	3	50	Misc	0	54	W120 + SDG 11	3	58	W121	3	62	TG124 + SDG 13	3	66	W116 + SDG 11	3	70	W096 + SDG 9	4									
	14:00-15:00	39	W099	4	43	W070 + SDG 11	3	47	W102	3	51	Misc	0	55	Misc	0	59	Misc	0	63	TG124 + SDG 13	3	67	W116 + SDG 11	3	71	Misc	0									
	15:00-16:00	40	SDG 9	3	44	W070 + SDG 11	3	48	Misc	0	52	Misc	0	56	Misc	0	60	Misc	0	64	TG124 + SDG 13	2	68	W116 + SDG 11	2	72	Misc	0									
DAY 3: WEDNESDAY MAY 21	10:30-11:30	73	W089 + SDG 4	2	77	W070 + SDG 13	3	81	W078 + SDG 9	4	85	W123	3	89	TG97 + SDG 11	4	93	W117	4	97	TG124 + SDG 11	3	101	W116 + SDG 11	2	105	W112	4									
	11:30-12:30	74	W089 + SDG 4	3	78	W070	3	82	W078 + SDG 9	4	86	Misc	0	90	TG97	3	94	W117	3	98	TG124 + SDG 11	3	102	W116 + SDG 11	2	106	Misc	0									
	14:00-15:00	75	W089 + SDG 4	3	79	W092	3	83	W078 + SDG 9	4	87	W123	4	91	Misc	0	95	W115	3	99	TG124 + SDG 13	4	103	W116	4	107	Misc	0									
	15:00-16:00	76	Misc	0	80	SDG 11	4	84	W078 + SDG 9	4	88	W101	2	92	Misc	0	96	W115	3	100	Misc	0	104	W116	4	108	Misc	0									
DAY 4: THURSDAY MAY 22	10:30-11:30	109	W055 + SDG 8	2	111	W111	2	113	W078 + SDG 11	2	115	W099 + SDG 3	3	117	TG88 + SDG 11	3	119	W115	3	121	Misc	4	123	W116 + SDG 12	3	125	W098	3									
	11:30-12:30	110	W055	3	112	SDG 9	4	114	Misc	0	116	W099 + SDG 3	3	118	TG88 + SDG 11	3	120	W120	2	122	Misc	4	124	W116	3	126	Misc	0									
		291			39			36			36			25			24			35			36			40			20								

KEY:

Joint Theme of Working Commission/TG AND SDG

Theme is Working Commission/ TG

Theme is SDG

miscellaneous papers - no unified theme (various WC/TGs)

ROOM 10: STEW307 (Capacity: 24)	ROOM 11: STEW310 (Capacity: 84)	ROOM 12: STEW311 (Capacity: 36)	ROOM 13: STEW313 (Capacity: 42)	ROOM 14: STEW 314 (Capacity: ?)	ROOM 15: STEW 320 (Capacity: ?)
DOCTORAL SCHOOL Day 1	DOCTORAL SCHOOL Day 1	DOCTORAL SCHOOL Day 1	Meetings	Meetings	Meetings
DOCTORAL SCHOOL Day 2	INDUSTRY FORUM	DOCTORAL SCHOOL Day 2	DOCTORAL SCHOOL Day 2	Meetings	Meetings
Meetings	NAC SAFETY SEMINAR	LEAN WORKSHOP	PASSIVE COOLING WORKSHOP	EMERGING CHALLENGES WORKSHOP OPEN BUILDING WORKSHOP	Meetings
Meetings	Meetings	Meetings	Meetings	Meetings	Meetings

DAY 1 - Monday 19th May

In-Person Schedule v1 (this is a draft schedule. Times may change)

[illegible]

DAY 2 - Tuesday 20th May

In-Person Schedule v1 (this is a draft schedule. Times may change)

[illegible]

In-Person Schedule v1 (this is a draft schedule. Times may change)

Session #	Category	MS #	WG/TD	SDG	Title	Author 1
					Academic help, online resources for nontraditional students, a seminar	

Section	Category	W4	W10	SDG	Title	Author 1	Author 2	Author 3	Author 4	Author 5	Author 6	Author 7	Author 8	Author 9	Author 10	Author 11	Author 12	Author 13												
73	W089 + SDG 4	1296	W089	SDG 4	Academic help-seeking resources for construction students: a coping review	Luciana	Debra	Alex	Seena																					
		1816	W089	SDG 4	Assessing the Sustainability Skills Gap between Industry Needs and Academic Training in Construction Management	Munoo	Bhask	Hyoungun	Kim	Byun	Minseul	Sopont	Chang																	
		1937	W089	SDG 4	Evolving Expectations: A Five-Year Study on Bridging Academia and Industry in Virtual Design and Construction Education	Rajni	Tayeh	Fagholae	Baltesius																					
		1984	W089	SDG 4	A Partnership in Construction Management Education: A Case Study with the US Army Corps of Engineers	Staine	Gudry	Jeffrey	Xian																					
74	W089 + SDG 4	1991	W089	SDG 4	A Pilot Study on QUADPT's Potential in Developing Construction Education Assessments Through a Lens of Bloom's Taxonomy	Yanchao	Zhang	Dewi	Audriana	Luciano	Datta																			
		1303	W089	SDG 4	Student Motivation and Engagement in Service Learning Projects for Construction Education	Fan	Zhang																							
		2068	W089	SDG 4	Digital Data Storytelling for Sustainability Education of a Green Building Project	Jaura	Almida	Sagegi	Sengprateep	Sinath	Pensia																			
		2086	W089	SDG 4	Exploring the roles and responsibilities of stakeholders in EBE Education 5.0 through the Quintuple Helix Model of Innovation	Karen	Le Jeune	Kristyle	Orteng	Almeza	Moghayes																			
76	Misc																													
77	W070 + SDG 13	1877	W070	SDG 13	Evaluation of Application of Digital Technologies in Heritage Buildings Maintenance for Energy Efficiency in New Zealand	Mayneq	Adagonyio																							
		1995	W070	SDG 13	The relationship between tenure type and domestic retrofitting uptake in the UK	Indulekha	Nurgulnar	Elyahou	Zulu	Mathew	Sivaprasad	Fred	Sherratt																	
		1998	W070	SDG 13	The ENVISAGE methodology applied to building renovation: its adoption from a Facility Management perspective	Beatrice	Barborek	Francoisa	Frasca	Chitra	Berthoin	Anna Mar	Stasi																	
		1187	W070	SDG 9	Improving User Experience through Bedroom Lighting Services for Older People Living in Personal Homes	Mel-yun	Leung	Yuetan	Li																					
78	W070	1188	W070	SDG 9	Comparison of Aging-Friendly Supporting Facilities between Self-Financed and Government-subsidized Residential Care Homes: Evidence from China	Yuanxi	Li	MEI-YUN	LEUNG																					
		1922	W070	SDG 9	Connecting Po-variables: Common Data Environment for Dynamic Information Platforms	Anna	McConaig	Toomey	Ghahdoun	Carmel	Lindqvist																			
79	W092	1763	W092	SDG 9	Building a Better Future: The Australian Journey Towards Achieving Sustainable Development Through Social Procurement Policies	Mahaba G	Kathiresan	Muhammed	Thaheem	Dominiq D	Akhya Da	Adheem	Umeshtha																	
		1875	W092	SDG 9	Opportunities and Challenges for Early Involvement of Trade Partners during the Design Phase of Construction Projects	Jonine	Cuma	Robert	Leitch																					
		2031	W092	SDG 9	The evolving landscape of procurement methods in the construction industry: A literature review	Yusba	Jayashankar	Nikola	Dominiq An	Le																				
		2067	W107	SDG 11	Implementing green construction to increase competitiveness: a case study in Indonesia local construction industry	Dobby	Wilar	Bambang	Trigunawan	Stave	Sugit	Novatris	Sanduk																	
80	SDG 11	1684	W014	SDG 11	A BIM-Enhanced Approach to Evaluation Planning in University Environments for Optimizing Safety	Muhammed	Elfridaw	Tarek	Zayed	Ab	Ab	Elism	Sahin	Subramana	Abdullah	LEB	LEB													
		1830	W096	SDG 11	Deepfake Representation of Thermal Anomalies in Buildings Using Human in the Loop Active Learning Capable Networks	Yitong	Wen	Kalven	Chen																					
		1704	W112	SDG 11	Dynamics and Synergies: Mechanisms of Green Building Transition, Urban Model and Urban Culture	JINGQING	HONG	Isabelle	Chan																					
		1668	W078	SDG 9	Impact of Explainable Artificial Intelligence for Sustainable Built Environment	Fozail	Pensia	Sinath	Pensia	Kishtha	An	Maria	Bardidi	Samsudhin	Narayanan	Gita	Habek	Andrew	Habek											
81	W078 + SDG 9	1671	W078	SDG 9	Unlocking the Possibilities of Blockchain in Procurement and Management of Building Services Systems	Sachindra	Hewawithi	Sinath	Pensia	Kishtha	An	Krisandhi	Serevatrakul	Kelvan	Bandard															
		1698	W078	SDG 9	Developing a Conceptual Model to Predict Disruptive Construction Projects Using Artificial Intelligence Technologies	Muthuhasa	Francis	Sinath	Pensia	Mel	Shou	Bansudharay	Narayankara																	
		1796	W078	SDG 9	Four Road Framework for process information management and the suitability of the house developed tools to lean construction operations	Jefferson	Dhigaki	Ko	Matutoda	Kata	Yoshikuni	Takuma	Sugiyama	Shunroku	Somono	Norihiko	Goto													
		1822	W078	SDG 9	Study	Origi	Burglin	Timothy	Bernard	Carrie	Dossick	Amos	Darbo	Bart	Travis	Travis	Thomstad	Michael	Motley											
82	W078 + SDG 9	1901	W078	SDG 9	Advancing Building Information Modeling (BIM) in the Lean Construction Industry: A Systematic and Practical Analysis of Adoption from Trust-Based Challenges	Uthman	Ugoe	Mark	Mohide	Ali	Hani	Bruno Le	Tarbo																	
		1913	W078	SDG 9	Artificial Intelligence and Building Information Modeling in Construction: Applications, Challenges, and Future Opportunities	Shadi	Alahmeh	Wesley	Collins	Kenneth	Sand	Tom	Leatham	Jumhan	Liu	SACHIN	Hemanta	Mona	shahangiradeh											
		1950	W078	SDG 9	Design Perspectives on Monitoring Concrete Curing Time on Operations and Green Roof Demand Analyses of Technologies	Sinath	Pensia	Kishtha	An	Maria	Samaruka	Kathy	Tannous	Chylin	Lee	SACHIN	Hemanta	Mona	shahangiradeh											
		2004	W078	SDG 9	Enabling Rapid and Reusable Visualization of Construction Operations Using Simulation and Game Engines	Suniga	McInnes	Joseph	Loise																					
83	W078 + SDG 9	2040	W078	SDG 9	Understanding Potential Challenges in Demolition Robot Temperature to Inhibit Interface Design: Insights from Industry Professionals	Zhao	Wang	Patrick	Borges-Rio	Yijang	Fang	Lucio	Sobelman	Burch	Barkir-G	Shawn	Rob	Gale	Lucas											
		2053	W078	SDG 9	Robotic Temperature in Construction Machinery: Technologies, Applications, and Future Directions	Bongbo	Hu	Yihai	Fang	Guo	Yinglin	Feng	Tangbin	Hong																
		2099	W078	SDG 9	A Conceptual Framework for Intelligent Self-Organizing Monitoring System	Xiaoqi	Wang	Chen-Ho	Ko	John A	Hong	Fang	Tangbin	Hong																
		2108	W078	SDG 9	Work-Process Workflow for Lifecycle Carbon Management: The WPA Campus Case Study	Chen-Pu	Huang	Chang-Ho	Hsueh																					
84	W078 + SDG 9	2117	W078	SDG 9	Future Perspectives on Enhancing the Delivery of Construction Projects Based on BIM Technology	Joachim	Haggerty	Maria	Soy	Jiaming	Zhang																			
		1946	W078	SDG 9	Minerva Applications in Construction Research: Are We There Yet?	Muhammed	Ahsaf	Sewa	Ahsaf	Muhammed	Al-Husseini	Kenneth	Li																	
		2106	W078	SDG 9	Empowering Engineers to Digital Transitioning in the Built Environment: An Institutional Analysis Approach	Aditya	Croissant	Maurolela	Innocent																					
		1996	W123	SDG 9	Development of the Discomfort Survey & Postural Assessment (DISPA) Test for Whole-body Musculoskeletal Disorders Risk Factors	Uthman	Chico	Kenneth	Leeant	Billy	Hern																			
85	W123	1679	W123	SDG 9	Examining Key Factors Influencing Safety Behaviors of Young Workers in the Construction Sector	Origan	Liu	Hayden	Ward																					
		1824	W123	SDG 11	Exploring Insurance Options and Innovations for Contractor Risk Management in Ghana's Construction Industry	Barnet	Burgess	Mokae	C-Mweums	Francis	Bondinda	Anthony	Nazile	Anthony	Banglamine	Dery														
86	Misc																													
87	W123	2065	W123	SDG 8	Decarbonizing Power Generation: Improving Productivity through Collaborations with Site Operators	Emmanuel	Munu	Aei	Rashid	Emmanuel	Akweligha																			
		1787	W123	SDG 8	Human-Centred Construction Organizations: Analyzing the Integrated Low-Carbon Construction Practices with Human-Centric Approaches	Ali	Bethend	Mari	Pochar	Mudafu	Jalodar																			
		1851	W123	SDG 8	The Role of Risk Tolerance in Peer-Influenced Risk-Taking Behavior on Construction Sites	Shiva	Pochadar	Sagard	Hemadreddi																					
		2125	W123	SDG 8	Driving Gender Diversity in Construction: Mapping Existing Policies through the Behavioral Change Wheel Framework	Ruwini	Edirisinghi	Simali	Rathnayake																					
88	W101	2114	W101	SDG 8	Geospatial Analysis of China's Overseas Development Finance (COOP) Projects with Protected Areas in Africa	Joseph	Padhye	Jean	Amal	Al-Jalal	Makrand	Hosak																		
		1991	W101	SDG 11	Addressing Urban Bright for Cities Under Uncertain Conditions: Analysis within UN SDG 11	Qasbi	Shahreen	Samuel	Abu-Elkhal	Hadi	Shahreen	George	Barghoun																	
89	T097 + SDG 11	1351	T097	SDG 11	Sustainable Solution for Renovation Life Cycle Insights on Adding Floors to Swedish Multi-Family Houses	SEIDPOO	GHAFOR	Hogler	Wahlstrom	Farrad	Jordan																			
		1856	T097	SDG 11	A SYSTEMATIC REVIEW OF THE MITIGATING FACTORS FOR EMERGENCY RESPONSE INACILITIES	HARIRAN	ABDIU	Moukhe	C-Mweums	Kofi Owsei	Adili	Francis	Bondinda																	
		1997	T097	SDG 11	Integrating Vegetation into Urban Design in Cape Town: The Status-Que Volumetric Criteria and An Automated Assessment Tool Development for Optimum Building Permeability Design in High-Density Urban Environments	Babun	Techenbach	Stavros	St-Magdalena	Schuma																				
		2090	T097	SDG 11	Nature-Based Solutions for Arctic Housing through Intermediate Barriers	M.K.	Leung	Dicken	Poon	Tawit	Zu	Yuyang	He	Kai	Gao	Tao	Huang	Clement	Pang	Kenneth	Ung	Amey	Zhao	K.S.	Wong	Edward	Nig	Chak	Sang	Bue
90	T097	2013	T097	SDG 11	Developing a Circular Economy Checklist for Designing Modular Buildings: A Case Study in Sri Lanka	Tarun	Azahari	Molaba	Panasue	Moham	Doodarad																			
		2118	T097	SDG 11	Research on Carbon Emissions Assessment Methods and Demonstration Applications for Low Carbon Blocks	Kaveeresh	Dewagadd	Mohan	Kumarasamy	Chen	S-Thomas	Ng	Thibak	Jayathunga																
		1741	T097	SDG 11	Research on Carbon Emissions Assessment Methods and Demonstration Applications for Low Carbon Blocks	Yutacan	Bun	Geelting	Zhang	Yan	Jiang	Zhuolin	Wang	Ying	Zhang															
91	Misc																													
92	Misc																													
93	W117	1249	W117	SDG 8	Practices and Challenges in Measuring and Monitoring Construction Productivity	Laura	Gutierrez	C-Savindi	Pensia	Duncan	Maxwell	Rachel	Couper																	
		1869	W117	SDG 8	Enriching and prioritizing causal factors that led to the acquisition of major construction companies in South Africa	Derrick	Chhabada	Tshindiso	Shibomana																					
		1820	W117	SDG 8	Nondestructive Assessment for Detection of Low-E Coatings on Insulating Glass Units	Hamed	Khalyg	Parisa	Salehi	Osman	Ozcan	Alfhan	Saritas																	
		1905	W117	SDG 8	System Dynamic Framework for Integrating Building Information Modeling with Construction Productivity Measurement in Hong Kong	Anushree	Rathnas	Wei	Pan																					
94	W117	2126	W117	SDG 8	Insights into Flow Planning in Construction: The Benefits, Challenges and Implementation	Muhamma	Khan	Robert	Leitch																					
		1696	W117	SDG 12	Design of an IoT-Based Intelligent Construction Energy Monitoring and Management System	Zhao	Yahari																							
		1949	W117	SDG 12	Critical Review of Multidimensional Organizational Performance Measurement Models in Construction	Kyobong	Kim	Kazuy	Fanli																					
		1758	W115	SDG 8	The Viability of Product-Service Systems in the UK Built Environment: an Exploratory Appraisal	Sadna	Swannell	Alex	Coppola																					
95	W115	1938	W115	SDG 8	Life Cycle Assessment of the Decarbonisation Opportunities of a Brick Manufacturing Facility in Australia	Bergman	Gazave	Liliane	Hemam	Ali	Zaman	Alexandre	Pensia																	
		1792	W115	SDG 12	Carbon Footprint Management System in Ready-Mixed Concrete Companies: Evidence from Turkey	Bahri	Bingol	David	Arditi																					
		2081	W115	SDG 12	A Comprehensive Review of Plastic Recycling in the Construction Industry: Challenges and Opportunities in the U.S.	Sugun	Punith	Fan	Zhang																					
		1720	W115	SDG 11	Technical Drivers and Barriers of Multi-Storey Wood Building Construction	Qana	Bessou	Ali	Amir	Seppo	Junttila																			
96	W115	1837	W115	SDG 11	Open BIM File Format for Sustainable Construction Procurement	Tharindu	Dodanwadi	Karthi	Patel	Sinath	Pensia	Rajaw	Ruganatha																	
		1793	T0124	SDG 11	Comprehensive ventilation and energy performance analysis of vertical shading devices in cooling-dominant climates	Xiaoqing	Yi	Stefanied	Yehosh																					
		1849	T0124	SDG 11	Enhancing Energy Efficiency and Economic Sustainability of Buildings through Phase Change Material Integration – A Systematic Literature Review	Abwar	Ahmed	Hongtao	Dang																					
		1503	T0124	SDG 11	Integrating Future Energy Scenarios in Building Life Cycle Assessments: Applying Dynamic LCA to Two University Buildings	Selvi Santhi	Chandrab	Marish	Li	Chui																				
98	T0124 + SDG 11	2048	T0124	SDG 11	Practical Challenges in Assessing Embodied Carbon and Credit Trade-offs in the Design Phase: Insights from a Residential Building Project	Gulita	Scagellotti	Martin	Fischer																					
		1750	T0124	SDG 11	Discussion of Low-Carbon Development Pathways in Shanghai urban-land development zones	Wojcik	Wu	Fan	Jiang	Ruihong	Zhang	Zhuolin	Wang																	
		1144	T0124	SDG 11	Blue-Green Sustainability Framework for Building Assessment based Multifunctional Analysis of Regions through Input-Output (PMRO)	Pedro	Cortez	Anna	Vinciguerra	Lorenzo	Rinaldi	Matteo	Rocco	Bergman	Sanchez															
		1841	T0124	SDG 11	News between Carbon and Waste in a Circular Built Environment: A Systematic Analysis	Narvaine	Rodrigo	A.M.D.S.	Alaguthu																					
99	T0124 + SDG 13	1908	T0124	SDG 13	A Prediction Model for Greenhouse Gas Emissions and Patterns across Boundary Scales in the Construction Phase - Utilizing Explainable Machine Learning	Thirugopal	Beet	Dejandra	Choi	Changwon	Jojo	Muhammed	Moghad	Jayaram	Choi															
		1974	T0124	SDG 13	A Systematic Review of Drivers and Barriers to the Actualization of Net-Zero Carbon Emission Requirements into Construction Megaprojects	Ankara	Anshu	Robert	Choi	Kail	Woojin	Tam																		

DAY 3 - Wednesday 21st May continued

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