

الخطة البحثية للسنة الدراسية 2022-2023

قسم هندسة العمارة

Title	Name
The use of remote sensing techniques in measuring levels of urban transformation	أ.د. محمد قاسم عبد الغفور
The destruction of the city systems	
Optimizing documentation of Iraqi heritages	
The symbiotic schema as a solution matrix for a transformative urban space	
Reconnect and Integrate city core with river front	
How to make Baghdad water sensitive city?	
The Effects of sense of place on urban pattern	
Sense of place in new urban theories and strategy that lead transition in cities	
Transforming of Place-making from real space to virtual reality	
Place-making in post heterotopic and heterochronic (فصل في كتاب)	
Book title: The Routledge handbook of urban design Chapter title: urban design in Iraq	أ.د. شيماء حميد حسين
Open public spaces as a tool for activating the urban branding of the city of Baghdad البصمة الحضريّة بين الماضي والحاضر	
Design for all: the local standard as an approach to empowerment disabled people within the city's spaces or (The local standard as an approach to design for all to empowering people with disability within open city's spaces)	
Urban empowerment for disabled people as a new design strategy – Al-Ummah Park and Al-Tahrir Square as a case study (فصل في كتاب)	
Book title: The Routledge handbook of urban design Chapter title: urban design in Iraq	
Urban adaptation impact on outdoor thermal comfort in educational complexes	أ.د.سوزان عبد حسن ابراهيم
The effect of noise exposure in residential buildings on student e-learning during corona pandemic	
Urban climatic design for cities in hot dry climates	
Evaluation of acoustic performance and noise control for a conference hall in Al-Nahrain university (كتاب)	
Urban climatic design for cities in hot dry climates	
اثر الامطار الحامضية على الابنية التاريخية اثر الواجهة النهرية على استدامة المدن	أ.م.د.خالد عبد الوهاب

Open public spaces quality in the city center follows people interest	أ.م.د. هيثم عبد الحسين علي	
Boxes of enclosure in Baghdad's commercial streets		
Public influx as a potential force to change the context of Holy Najaf city		
Popular cities as self- social sustainable reserves		
Urban infill projects and re-reading the context of commercial streets		
Actors behind transformations of Nasria city center		
Promoting the Social Cohesion in the Traditional Cities		
Spatial delight by third places in the vernacular cities		
The shade index and people's behavior	أ.م.د. نوفل جوزيف رزقو	
The impact of adopting blended e-learning on architectural education-university of Babylon as case study.		
blended learning- the negatives & the positives from the point of view of students & teaching Staff-department of architecture university of Babylon as case study.		
The Obstacles of achieving engineering academic accreditation-department of architecture - al-nahrain university .		
The impact of apprenticeship in architecture on the performance of academic outcomes		
“Environmental Education (EE) in Architectural departments AL-Nahrain University as case study”.		
Diagnose the criteria & indicators of sustainable smart city.		
Negotiation in architectural design methodology.		
“The Effect of noise Barriers on the Urban Appearance in cities: insights from residential complexes in Baghdad, Iraq”.		
The extent of compatibility of the cognitive objectives of the courses of the department of architecture in al-nahrain university with its mission & vision .		
The impact of academic mobility on academic program- department of architecture al-nahrain university .		
The extent of achieving the standards of the NAAB association in the academic program- department of architecture al-nahrain university .		
The Potential Of Built Heritage As Opportunities For Sustainable Investment		أ.م.د. صبا سامي مهدي
Augmented reality as a Tool for Improving Perception of the Quality and Authenticity of the Built Heritage Site.		
An Experimental Study on the Shear Strength of High-performance Reinforced Concrete Deep Beams without Stirrups	أ.م.د. عمر خالد فياض أ.م.د. عمر شمل فرحان	
Review on Repair of Damaged Prestressed Bridge Girders Using GFRP		
Experimental Investigations on Effect of Steel Fibers on Behavior of Ultra High Performance reinforced Concrete Columns		

Residential design checklist for aging in place: The Case of Mass City	أ.م.د. سماح عبد العزيز ابراهيم	
Design and evaluation of the performance of windcatcher integration with minaret for passive evaporative cooling and natural ventilation		
Measuring the Age-Friendliness of Residential Complexes in Erbil: The Case of Ganjan City		
Designing for the elderly: A comparative analysis between inclusive and exclusive age-friendly residential complexes		
Analyzing and Simulating Urban Density Exploring the Difference Between New Urbanism and Actual Trends in Baghdad	م.د. ضياء حميد باصي	
Locational Modeling in Spatial Analysis: Development and Maturity of Concepts		
From Resilience to Transformation Via a Regenerative Sustainability Development Path		
Managing and Saving the City with Disruptions in New Urbanism		
The City in Need From Management to Containment and then Recovery		
Flexible Cities: The Future of Urban Development		
Sustainable urban forms and their impact on the development of cities		
A Spatial Optimization Approach for Solving a Multi-facility Location Problem City Center of Baghdad		
(فصل في كتاب) Book title: The Routledge handbook of urban design Chapter title: urban design in Iraq		
Architecture imagination and Design Pedagogy		م.د. مها عامر عبد الامير
Modernism reconsidered: a study of alternative modernities in contemporary architecture		م.د. علياء احمد محمود
Changing paradigm in architecture: from digital to livable		
Temporal spaces as creative academic environments		
Machine -learning based change detection of Adhamiya fabric between 2008 and 2022 from imagery in Baghdad	م. رشا عبد الكريم	
Deep -learning based change detection of green areas from satellite imagery		
Artificial intelligence in architecture		
Programming languages impact on arch. applications		
Popular Cities as Self- Social sustainable Reserves	م. عادل زامل	
Open public spaces quality in the city center follows people interest		
Behavior changes and spatial form impact Baghdad's urban core in micro-scale public spaces.	م. سعد محسن	
The impact of hidden patterns on the resilience of the holy cities in Iraq		
Urban rituals and the resilience of the city: the holy Kadhimiya as a model		

The impact of sustainable empowerment on the transformation of the built environment	
Evaluate the spatial pattern of urban conveniences; pedestrian accessibility simulations are used.	
The impact of smart urban systems on the cities development.	م.م. شذى سليم عبد الصاحب
Sustainability of traffic movement for roads network in AL Kadhimiya city	
Spatial territoriality and deterritorialization	
Living in slum: a fuzzy cognitive map approach	
Urban spatial justice	
The strategies of designing curtain façade in hot dry climate region	م.مريم صفاء حسين
(كتاب) مصطلحات فن التزيين الزخرفي الاسلامي	م.نورس عدي