

IAU initiatives to upgrade existing IAU buildings to higher energy efficiency

2. Educational materials at national, regional, and international levels” source: Annual report data for 2020/2021.”

2.1. Training

#	Event	Information
1.	Principles of Sustainable Residential Neighbourhoods	Deanship of Community Service and Sustainable Development + Faculty of Architecture and Planning
2.	Towards sustainable urbanization	Deanship of Community Service and Sustainable Development + Faculty of Architecture and Planning

2.2. Education Programs

#	Program	Collage
1.	The Engineering environment - Bachelor of Science in Environmental Engineering - Master of Science in Environmental Engineering - Master of Engineering in Environmental Engineering	College of Engineering
2.	Mechanics and Energy Engineering - Bachelor of Science in Energy Engineering	College of Engineering
3.	Environmental Architecture - Bachelor of Environmental Architecture - Master of Science in Environmental Architecture	College of Architecture and Planning

2.3. Research& education

#	Event - research	Information
1.	Sustainable Development at Saudi Arabian Universities: An Overview of Institutional Frameworks	Sustainability (MDPI, Switzerland) https://doi.org/10.3390/su12198008
2.	A review of policies and initiatives for climate change mitigation and environmental sustainability in Bangladesh	Environment Development and Sustainability (Springer Nature) https://doi.org/10.1007/s10668-020-00627-y
3.	Fostering Urban Sustainability through the Ecological Wisdom of Traditional Settlements	Sustainability (MDPI, Switzerland) https://doi.org/10.3390/su122310033
4.	People’s perceptions of sustainable housing in developing countries: the case of Riyadh, Saudi Arabia	Housing, Care and Support (Emerald Publishing Limited)
5.	Sustainable Supply Chain Management in Smart City Design: A Case Study of Al Khobar City Centre	International Journal of Supply Chain Management
6.	Environmental and economic analysis of a photovoltaic assisted mixed-mode solar dryer with thermal energy storage and exhaust air recirculation	Energy Research-
7.	Analytical Modeling and Optimization of a Heat Sink Design for Passive Cooling of Solar PV Panel	Sustainability
8.	Greenhouse gas emissions are resulting, from medical waste collection and transport.	5th International Conference of Chemical Engineering & Industrial Biotechnology (ICCEI Kuala Lumpur ,Malaysia
9.	Projection of Greenhouse Gas Emissions from Waste Sector	International Conference on Innovative Applied Energy (IAPE’20 ,(15-16 Sept 202 ,Cambridge ,United Kingdom
10.	“Towards Promoting Efficient Management of Mass-Housing Reconstruction Schemes.”	International Journal of Built Environment and Sustainability

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11.	"Integrated evaluation of the impediments to the adoption of coconut palm wood as a sustainable material for building construction"	Sustainability
12.	"Impact of COVID-19 on the social, economic, environmental and energy domains: Lessons learned from a global pandemic",	Sustainable Production and Consumption
13.	"Relationship between Weather Variables and New Daily COVID-19 Cases in Dhaka, Bangladesh",	Sustainability
14.	Sustainability, Eco-Point, and Performance of Green Lightweight Concrete using Saudi Local Waste	funded Research project 2021-2023
15.	Process optimization of cellulose nanocrystals from office paper waste and its utilization as a renewable additive for strong	funded Research project 2021-2023

2.4. Patents

#	Patents	Information
1.	Apparatus for solar-assisted water distillation using waste heat of air conditioners	The United States Patent and Trademark Office