

AUS SDG Report

2022-2023

Abstract

This analytical report provides a comprehensive evaluation of American University of Sharjah's (AUS) research performance in alignment with the United Nations Sustainable Development Goals (SDGs). By examining scholarly contributions and research impact, this report highlights AUS' commitment to advancing solutions for global challenges, from quality education and gender equality to climate action and sustainable economic growth. Through quantitative and qualitative analyses, key metrics such as publication volume, citation impact and collaborative partnerships are assessed, providing insight into the institution's role in fostering innovation, promoting knowledge exchange and contributing to sustainable practices.

In addition to assessing AUS' current research contributions toward the SDGs, this report identifies opportunities for strategic growth, focusing on areas where the university can further amplify its impact. Recommendations are provided to enhance interdisciplinary research efforts, increase collaborative networks and target high-impact SDG-related research areas. This analysis underscores AUS' dedication to social responsibility and its proactive approach to addressing global challenges, reinforcing the university's role as a leader in sustainable development within the region and beyond.

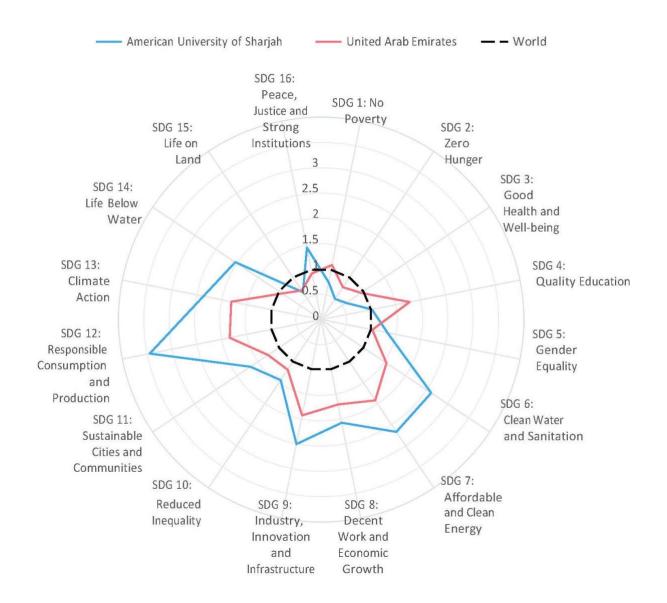
Part 1 - SDG Overview:

Comprehensive Overview of AUS Research Alignment with Sustainable Development Goals



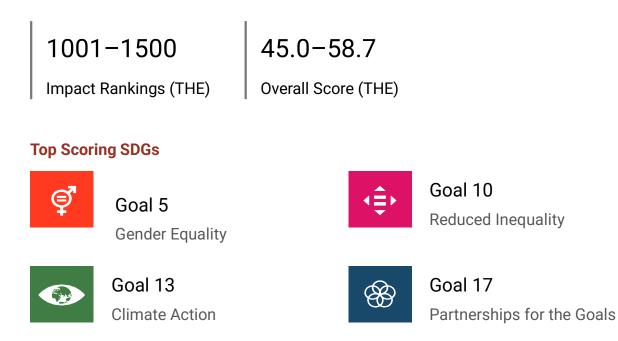
SDG Relative Activity Index

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024



THE Impact Rankings - Metric Summary

Entity: American University of Sharjah \cdot Within: All subject areas (THE) \cdot Data source: Scopus, up to September 25, 2024



THE Impact Rankings 2024 - SDG Rankings Overview

Entity: American University of Sharjah \cdot Within: All subject areas (THE) \cdot Data source: Scopus, up to September 25, 2024

SDG 2024	SDG Rank (THE)	SDG Score (THE)	Scholarly Output (THE)	Field-Weighted Citation Impact - 5 year (THE)	Output in Top 10% Journals (THE)
SDG 5: Gender Equality	601-800	42.1-48.1	35	-	11
SDG 10: Reduced Inequality	401-600	47.2-56.4	72	2.24	24
SDG 13: Climate Action	401-600	36.0-46.6	83	2.20	30
SDG 17: Partnerships for the Goals	201-300	80.1-84.7	1,034	-	-

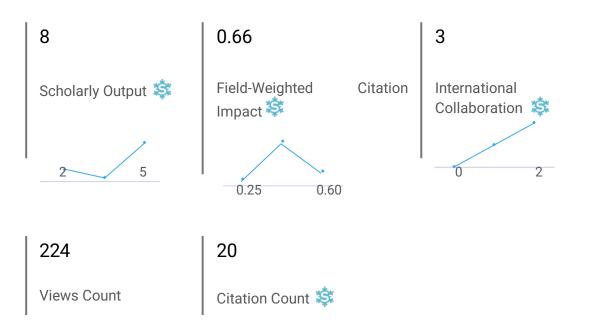
Part 2 - Detailed SDG Report

Detailed Analysis of AUS Research Contributions by Sustainable Development Goal

1 NO Image: Powerty Research Performance Progress towards SDG1: No Poverty (2023) Filter by publication year range: 2021 to 2023

Research performance within SDG 1: No Poverty (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

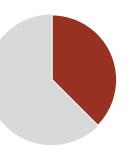


Collaboration summary within SDG 1: No Poverty (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

Publications co-authored with institutions in other countries/regions



American University of Sharjah 37.5%

American University of Sharjah 0.0%

Top key phrases within SDG 1: No Poverty (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases by **relevance**

	United Arab Emirates
	Developing Countries
_	Sustainable Development Goals
	Risk Assessment Policy
_	Justice
_	Identified Risk
	Individual Country
	Subbase Layer
	Entrepreneurial Action
	Environmental Dimension
_	Water Hyacinth
_	Disposable Income
_	USA
	Housing Costs
	State of Emergency

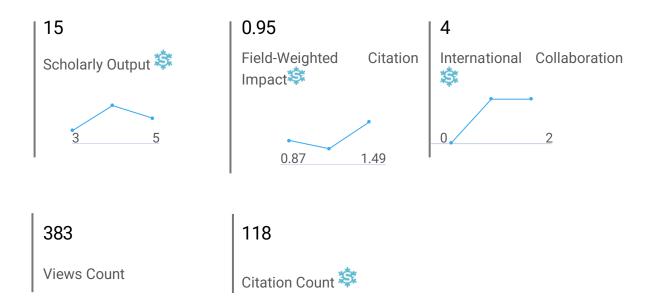


Research Performance Progress towards SDG2: Zero Hunger (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG 2: Zero Hunger (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024



Collaboration summary within SDG 2: Zero Hunger (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

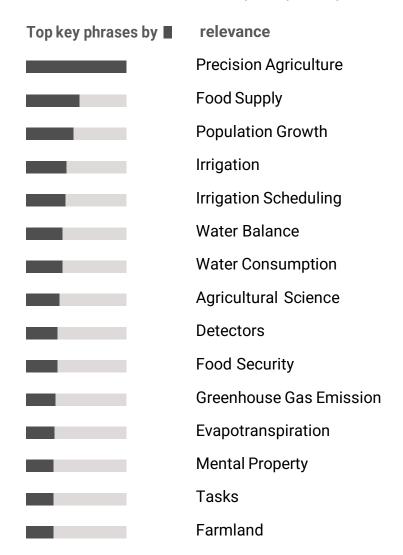
Publications co-authored with institutions in other countries/regions

American University of Sharjah 26.7%

American University of Sharjah 0.0%

Top key phrases within SDG 2: Zero Hunger (2023)

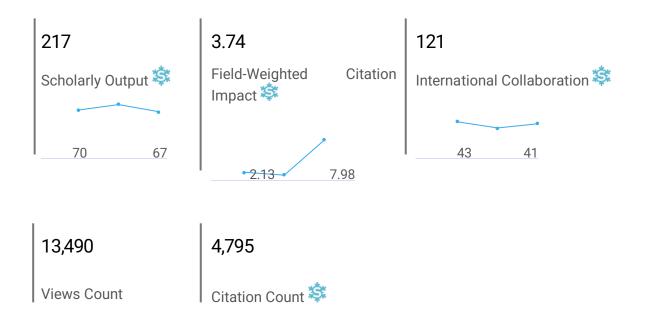
Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024





Research performance within SDG3: Good Health and Well-being (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

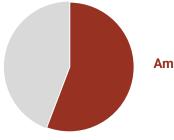


Collaboration summary within SDG3: Good Health and Well-being (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

Publications co-authored with institutions in other countries/regions



American University of Sharjah 55.8%

American University of Sharjah 1.8%

Top key phrases within SDG3: Good Health and Well-being (2023)

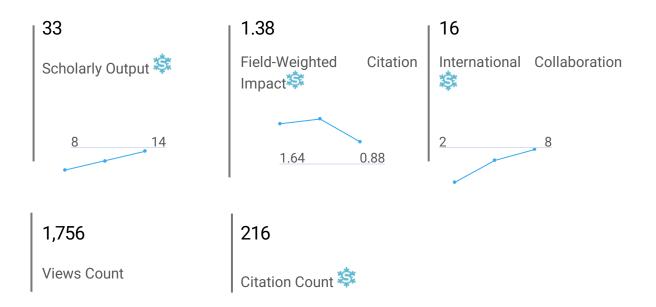
Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases by	relevance
	Liposome
	COVID-19
	Malignant Neoplasm
	Nanocarrier
	Drug Delivery System
	Drug Release
	SARS Coronavirus
	Gut Microbiome
	Severe Acute Respiratory Syndrome Coronavirus 2
	Anticarcinogen
	Tumor
	Cytotoxicity
	Serratia Marcescens
	Targeted Drug Delivery
	Intestine Flora



Research performance within SDG4: Quality Education (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

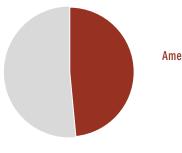


Collaboration summary within SDG4: Quality Education (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

Publications co-authored with institutions in other countries/regions



American University of Sharjah 48.5%

American University of Sharjah 0.0%

Top key phrases within SDG4: Quality Education (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases by relevance United Arab Emirates Entrepreneurship Case Study Sustainable Development Goals **Environmental Impact Assessment Professional Occupations Emerging Market Teaching Material** University Curriculum Sustainable Development **Higher Education Institution** Learning Outcome Employability **Industrial Sector** Social Economy

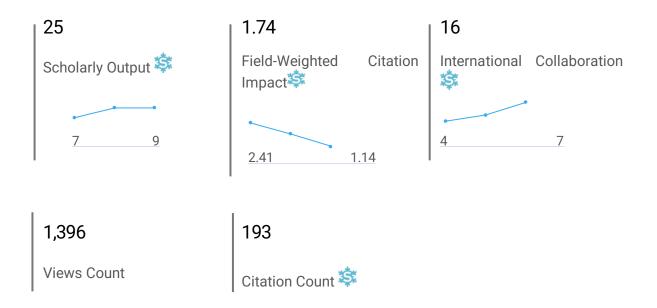


Research Performance Progress towards SDG5: Gender Equality (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG5: Gender Equality (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

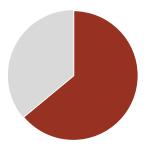


Collaboration summary within SDG5: Gender Equality (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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Publications co-authored with institutions in other countries/regions



American University of Sharjah 64.0%

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Top key phrases within SDG5: Gender Equality (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases by relevance Gender Equality Entrepreneurship **Domestic Violence** Narrative **Professional Occupations** Married Women Feminist Theory **Tourism Sector** North Africa Palestinians Morocco **Occupational Career** Umra Aftermath Household Survey

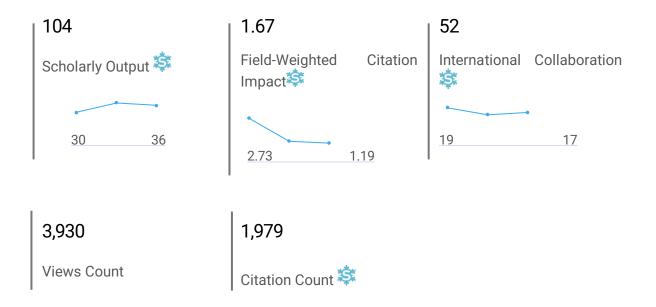


Research Performance Progress towards SDG6: Clean Water and Sanitation (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG6: Clean Water and Sanitation (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

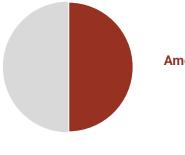


Collaboration summary within SDG6: Clean Water and Sanitation (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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Top key phrases within SDG6: Clean Water and Sanitation (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases by **relevance** Wastewater Treatment United Arab Emirates Desalination Adsorption **Reverse Osmosis** Water Filtration Fouling Seawater Desalination Membrane Fouling Heavy Metal Adsorbent Water Pollution Potable Water **Organic Pollutant Desalination System**

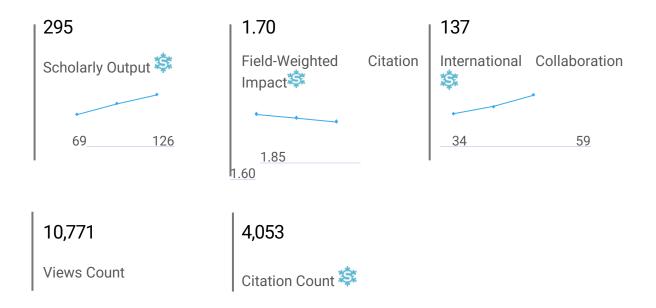


Research Performance Progress towards SDG7: Affordable and Clean Energy (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG7: Affordable and Clean Energy (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

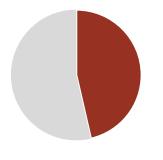


Collaboration summary within SDG7: Affordable and Clean Energy (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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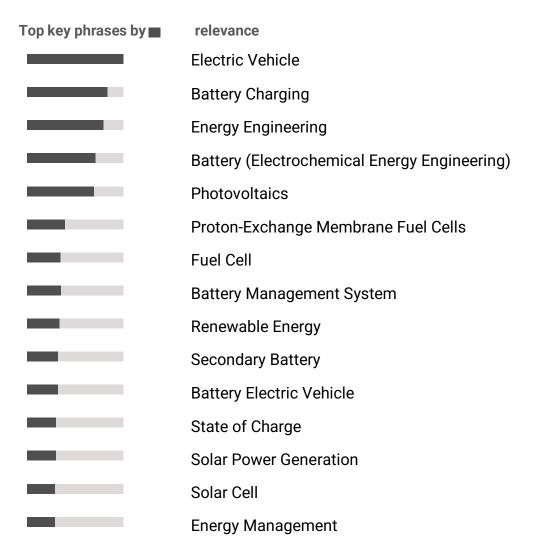


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Top key phrases within SDG7: Affordable and Clean Energy (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

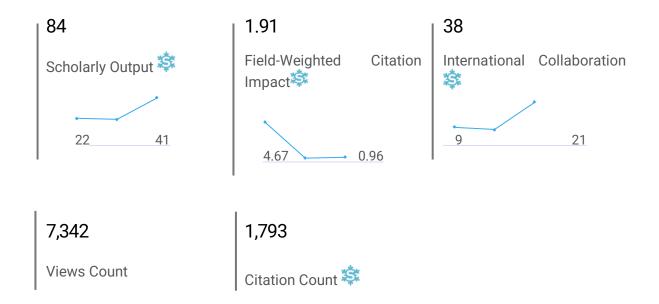




Filter by publication year range: 2021 to 2023

Research performance within SDG8: Decent Work and Economic Growth (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

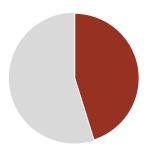


Collaboration summary within SDG8: Decent Work and Economic Growth (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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Top key phrases within SDG8: Decent Work and Economic Growth (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases by relevance

United Arab Emirates
 Environmental Impact Assessment
Sustainable Development
Environmental Impact
Sustainable Development Goals
Decision Making
Economic Development
Environmental Economics
Sustainable Practice
Construction Industry
Entrepreneurship
United Nations
Climate Change
Decision Maker
Industry

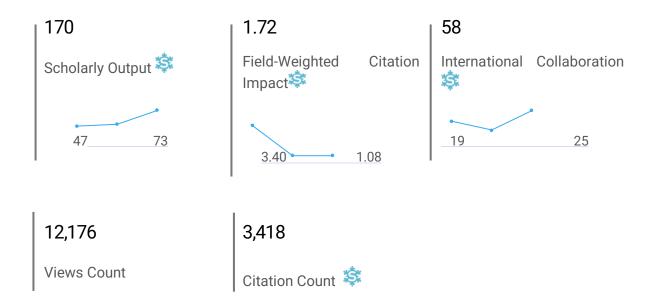


Research Performance Progress towards SDG9: Industry, Innovation and Infrastructure (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG9: Industry, Innovation and Infrastructure (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

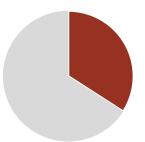


Collaboration summary within SDG9: Industry, Innovation and Infrastructure (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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Top key phrases within SDG9: Industry, Innovation and Infrastructure (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases by **relevance**

United Arab Emirates
Sustainable Development
Environmental Impact Assessment
Construction Industry
Comprehensive Review
Sustainable Construction
Environmental Impact
Construction Sector
Sustainable Practice
Sustainable Development Goals
Infrastructure
3D Printing
Energy Engineering
Three Dimensional Printing
Wastewater Treatment

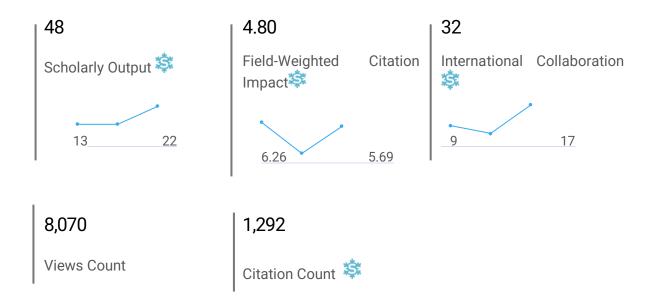


Research Performance Progress towards SDG10: Reduced Inequality (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG10: Reduced Inequality (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024



Collaboration summary within SDG10: Reduced Inequality (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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Publications co-authored with institutions in other countries/regions



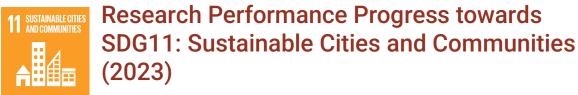


Top key phrases within SDG10: Reduced Inequality (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases y relevance

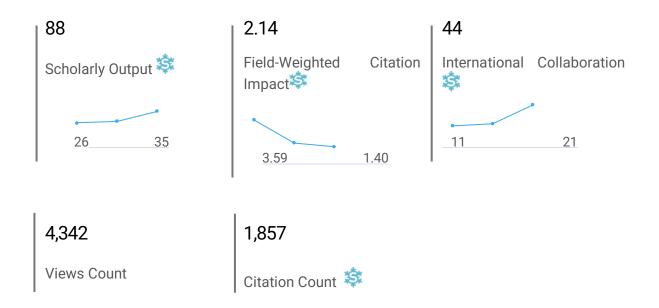
Money Laundering
Financial Crisis
Gender Equality
Investors
Sustainable Development Goals
Logic
United Arab Emirates
Cryptocurrency
Crime
Foreign Population
Dynamic Connectedness
Anonymity
Sustainable Development
Gulf Countries
Cryptocurrency Markets



Filter by publication year range: 2021 to 2023

Research performance within SDG11: Sustainable Cities and Communities (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024



Collaboration summary within SDG11: Sustainable Cities and Communities (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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Publications co-authored with institutions in other countries/regions

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Top key phrases within SDG11: Sustainable Cities and Communities (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases y relevance

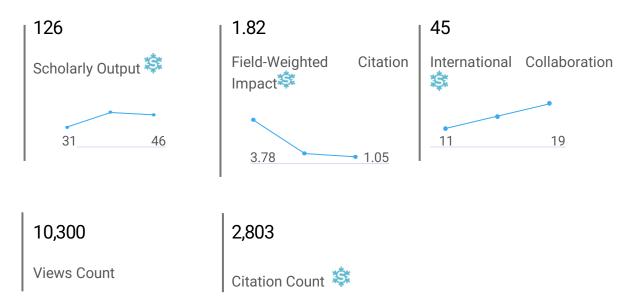
	United Arab Emirates
	Smart City
	Smart City Application
	Internet of Things
	Solid Waste
	Sustainable Urban Development
	Global Warming
	Gaseous Waste
	Carbon Footprint
	Urban Development
	Heritage Tourism
-	Waste Management
-	Hazardous Waste
-	Environmental Impact Assessment
-	Battery Charging

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTIONResearch Performance Progress towards
SDG12: Responsible Consumption and
Production (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG12: Responsible Consumption and Production (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024



Collaboration summary within SDG12: Responsible Consumption and Production (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

Publications co-authored with institutions in other countries/regions

American University of Sharjah 35.7%

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Top key phrases within SDG12: Responsible Consumption and Production (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

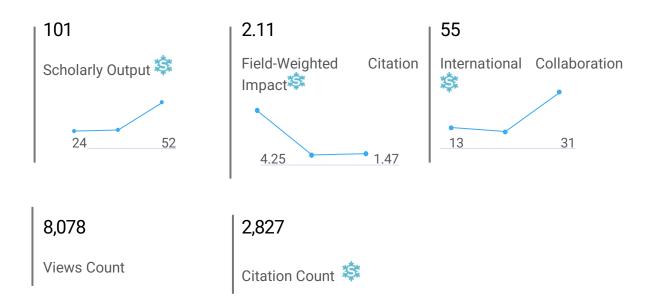
Top key phrases y relevance

Sustainable Construction
United Arab Emirates
Environmental Impact Assessment
Sustainable Development
Construction Industry
Carbon Footprint
Waste Management
Construction Sector
Sustainable Practice
Comprehensive Review
Environmental Impact
Hazardous Waste
Energy Engineering
Carbon Dioxide Emission
Green Building



Research performance within SDG13: Climate Action (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

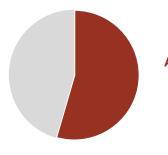


Collaboration summary within SDG13: Climate Action (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

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Publications co-authored with institutions in other countries/regions



American University of Sharjah 54.5%

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Top key phrases within SDG13: Climate Action (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases **w** relevance

Climate Change
United Arab Emirates
Carbon Dioxide
Carbon Footprint
Greenhouse Gas
Global Warming
Fossil Fuel
Energy Engineering
Sustainable Development
Environmental Impact
Environmental Impact Assessment
Geopolymers
Gas Emission
Supplementary Cementitious Material
Greenhouse Gas Emission

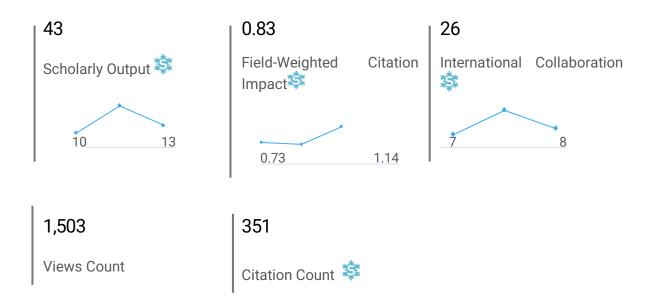


Research Performance Progress towards SDG14: Life Below Water (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG14: Life Below Water (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

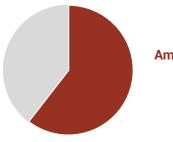


Collaboration summary within SDG14: Life Below Water (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

Publications co-authored with institutions in other countries/regions



American University of Sharjah 60.5%



Top key phrases within SDG14: Life Below Water (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases **m** relevance **United Arab Emirates** Oman Marine Pollution Persian Gulf Plastic Waste **Microplastics Environmental Impact Assessment Climate Change** Polypropylene **Global Warming Coastal Management** Hydrophiinae **Ecosystem Toxicology** Heavy Metal Sustainable Development

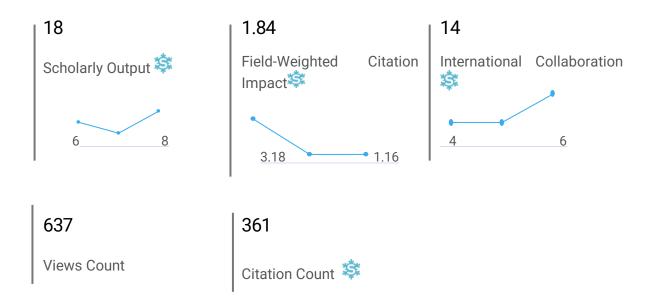


Research Performance Progress towards SDG15: Life on Land (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG15: Life on Land (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024

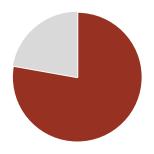


Collaboration summary within SDG15: Life on Land (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

Publications co-authored with institutions in other countries/regions



American University of Sharjah 77.8%

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Top key phrases within SDG15: Life on Land (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases **m** relevance

	Crocodylus porosus
	United Arab Emirates
	Crocodilian
_	Intestine Flora
	Mud Flat
	Microbiome
	Coastal Ecosystem
-	Sea Grasses
-	Salt Marsh
-	Clostebol
-	Gut Microbiome
-	Metabolite
-	Random Forest
-	Gastrointestinal Tract
	Valdecoxib

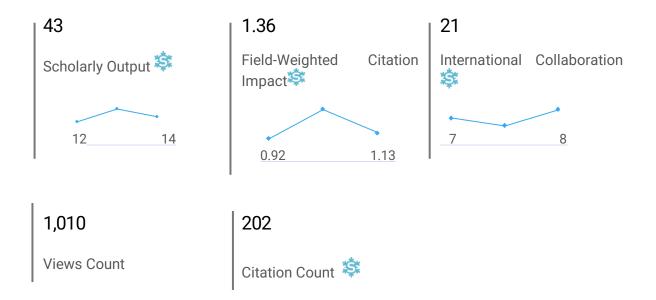


Research Performance Progress towards SDG16: Peace, Justice and Strong Institutions (2023)

Filter by publication year range: 2021 to 2023

Research performance within SDG16: Peace, Justice and Strong Institutions (2023)

Entity: American University of Sharjah \cdot Within: All subject areas (ASJC) \cdot Year range: 2021 to 2023 \cdot Data source: Scopus, up to September 25, 2024



Collaboration summary within SDG16: Peace, Justice and Strong Institutions (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

International Collaboration

Publications co-authored with institutions in other countries/regions

American University of Sharjah 48.8%

American University of Sharjah 0.0%

Top key phrases within SDG16: Peace, Justice and Strong Institutions (2023)

Entity: American University of Sharjah · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to September 25, 2024

Top key phrases **m** relevance **Political Risk** North Africa **Financial Economics** East Africa Lebanon **Financial Risk** Human Rights Bayesian Middle East **Domestic Abuse** Corruption **Political Systems Domestic Violence** Economic Risk Safety