



Aswan University



التنمية
المستدامة  أهداف

SUSTAINABILITY REPORT

THE GLOBAL GOALS
For Sustainable Development



2018 / 2019

Sustainable Development Goals

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**THE UNIVERSITY
IMPACT
RANKINGS**

INAUGURAL PARTICIPANT



End poverty in all its forms everywhere

Aswan University is working with all its potentials, unceasing efforts and by making use of every available possibility, to end the poverty in all its forms everywhere.

RESEARCH

All Research regarding this goal are published in Arabic, and in local journals. These journals are not indexed in Scopus or WOS.

Yet, Aswan University is taking serious steps to enhance and promote researchers to publish their papers considering ending poverty in indexed journals and at least the abstract should be in English.

The target were to have at least five papers published in indexed journals regarding SDG1, but we could not reach this goal.

We expect have at least this number to be reached by this next year.

SUPPORT & FINANCIAL AID

Aswan University offers scholarships and support for those who admission at the university could be a difficulty.

In this sense, Aswan University has accepted all financial aids applications from students from low or lower-middle income families or even countries.

Aswan University provides yearly 50 scholarships for students from poor countries in Africa.

This target was accomplished successfully.

The second challenge and target to offer more scholarships by reaching 60 the next two years.

AFFORDABLE HOUSING

We provides both our staff and students by supporting their needs for housing through 4 Dormitories for students, and 3 housings for faculty staff.



"I believe that if you show people the problems and you show them the solutions they will be moved to act."
— Bill Gates, business magnate and philanthropist

These accommodations are available for students and staff as a form of the support that Aswan University provides for them.

EVENTS

More campaigns were held besides the outreaches targeting the students

COMMITMENT

The Egyptian national agenda is launched from a comprehensive perspective to deal with the issue of poverty as a symptom resulting from the

denial of basic services and economic opportunities.

From this perspective, **Aswan University** aims to build the capabilities of individuals, ensure fair distribution of opportunities, provide an umbrella for social protection, and raise inclusive and sustainable economic growth rates in a way that contributes to increasing citizen income and reducing poverty rates.

2 ZERO HUNGER



End hunger, achieve food security and improved nutrition and promote sustainable agriculture

drought and heat stress adaptation in globally important cereals”

Aswan University is working with all its potentials, unceasing efforts and by making use of every available possibility, to end the poverty in all its forms everywhere.

RESEARCH

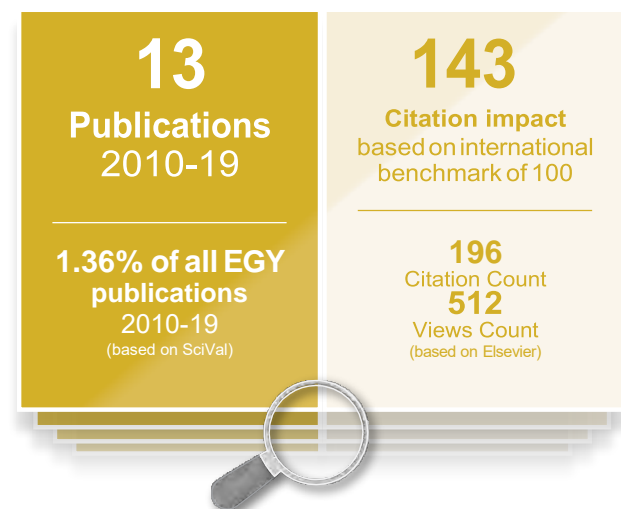
As we mentioned previously, some researchers in some subjects publish their papers in Arabic, and in local journals. These journals are not indexed in Scopus or WOS.

From 2010 to 2019, Aswan University has published more than 14 papers in journals indexed in Scopus.

In 2019, we have three of these papers published in the Scopus.

1. "Evaluation of the potential of sewage sludge as a valuable fertilizer for wheat (*Triticum aestivum* L.) crops"
2. "Stay-green trait: A prospective approach for yield potential, and

Research in Numbers: SDG 2



Yet, Aswan University is taking serious steps to enhance and promote researchers to publish their papers considering ending poverty in indexed journals and at least the abstract should be in English.

The target were to have at least five papers published in indexed journals regarding SDG1, but we could not reach this goal.

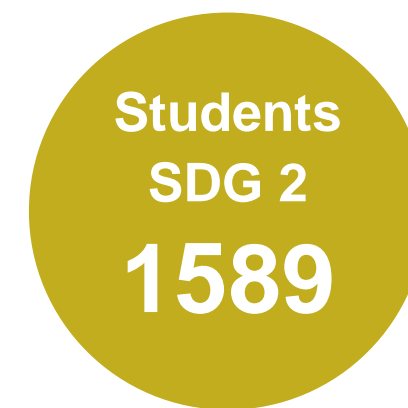


We expect have at least this number to be reached by this next year.

emphasis on the need for institutional integration with the state's efforts

COMMITMENT

The Egyptian agenda attaches special importance to eradicating hunger and malnutrition by enhancing ways to achieve food security, increasing the effectiveness of food support programs, and raising food awareness among citizens. The national agenda reinforces the role played by civil society institutions in reducing poverty and hunger, with an



SUPPORT & FINANCIAL AID

Aswan University offers scholarships and support for those who

3 GOOD HEALTH AND WELL-BEING

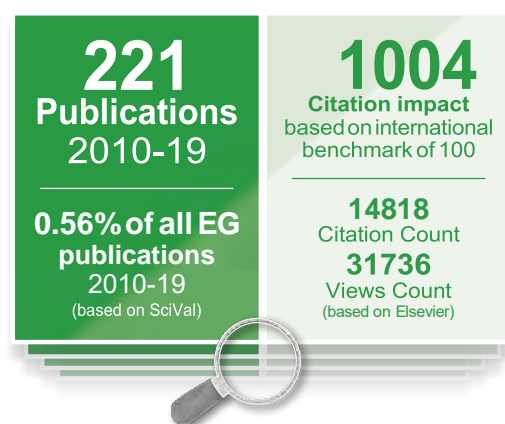


Ensure healthy lives and promote well-being for all at all ages

RESEARCH

In this goal we have did a great research with impressive impact, in order to contribute in improving health and well-being outcomes.

Research in Numbers: SDG 3



COLLABORATION WITH HEALTH INSTITUTIONS

Aswan University in 2019 has collaborated with various health institutions to improve health and well-being outcomes.

One form of this collaboration in 2019 is the Collaborating with the



Chinese Burn Association for constructing a comprehensive building to treat burns in the university hospital, which is funded by the Chinese government.

OUTREACH PROGRAMMES



improve health and well-being for all at all ages.

Aswan University through the administration of Health Care, Faculty of Medicine, Faculty of Nursing and the engagement and collaboration of Students Voluntary Groups, delivers periodic health outreach programs targeting the rural, underserved urban and other areas in the community. They are organized, as a part of the ongoing programs of the University to the local community to tackle the SDGs and improve the public health

Not only local outreach but also at the continent-wide level

Aswan University is targeting people of Africa in collaboration with health institutions and NGOs to deliver and



4 QUALITY EDUCATION



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

RESEARCH

As with some SDGs that researchers publish in Arabic, and in local journals. SDG 4 is not immune from these point.

Yet, as mentioned Aswan University is taking serious steps to enhance and promote researchers to publish their papers considering SDG 4 in indexed journals and at least the abstract should be in English.

EDUCATIONAL OUTREACH

Aswan University cooperated with Academy of Scientific Research by



Child Academy that aims to Building and supporting the Egyptian society through today's children, who are the men of the promising, creative and innovative future with the aim of building our modern Egypt.

More outreach vocational programmes targeting the local community, two seminars on "Reproductive health and first aid" in the Mansouriya village in Daraw from 24 to 26/6/2019 in the



village

And cultural and scientific convoy for women entitled (How to prevent the Intellectual Causes of Divorce) in Aswan City to educate and raise awareness,



promote family belonging and increase family ties, on 4/13/2019 for university students.

COMMITMENT

The National Agenda for Sustainable Development affirms that success in developing the educational system in all its stages and types, and enhancing its efficiency and quality are among the most important engines of sustainable development, given its major role in building a balanced personality characterized by human values and ethics. It also ensures that it keeps abreast of modern technological developments and that graduates acquire the new technical and life skills required by the labor market.

Emphasizing the principles of spatial and social justice, the National Agenda for Sustainable Development aims to



provide educational opportunities for all without discrimination.



Achieve gender equality and empower all women and girls

Based on the recognition of the importance of the social and economic role of women, and that youth are the main engine of development, and based on the constitution and the positive discrimination granted by it, the state seeks to empower women, youth and people with special needs from their material rights and to enhance their human capabilities.

Empowerment is based on two components: the first is the availability of assets, and the second is to develop the capabilities of the target groups and enable them to obtain them in order to control their destinies, expand their selection circles, and be more resilient to shocks.

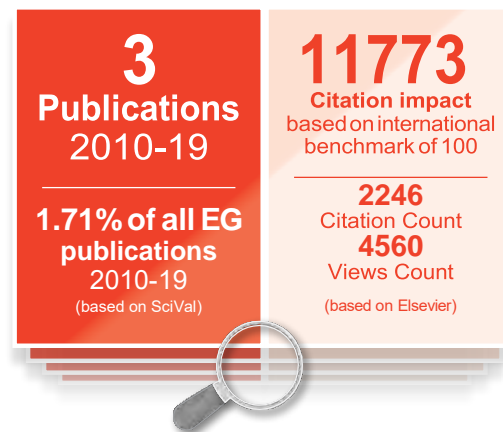
There are many circles of empowerment to include social, economic and political dimensions. In this context, we must be aware that economic and social

empowerment cannot guarantee its sustainability without political empowerment, and political empowerment without a solid economic and social base is nothing but a fragile empowerment.

RESEARCH

We are going forward ensure achieving gender equality and empower all women and girls.

Research in numbers: SDG 5



WOMEN APPLICATIONS

Aswan University has a pioneer role in supporting Women's applications in subjects, especially, science, technology, engineering, and mathematics, where they may be underrepresented.



6 CLEAN WATER AND SANITATION



Ensure availability and sustainable management of water and sanitation for all

6

Aswan University seeks to improve the quality of the environment surrounding the citizen by separating the growing human activities and the pollution that may entail.

Therefore, the national agenda aims to seriously deal with the accumulated problems on the one hand, and to reduce all forms of water, air and soil pollution in the future from the other side, by integrating the environmental dimension into economic and social decisions and policies, raising awareness of the causes and negative effects of pollution.

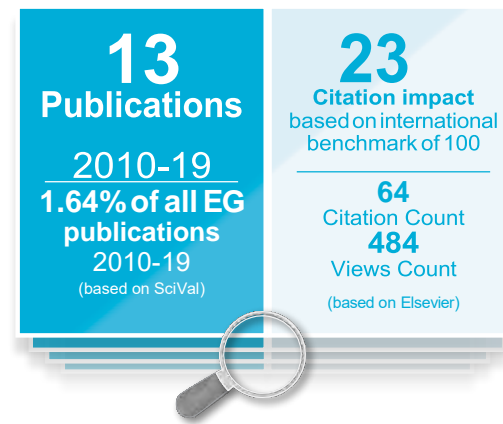
As well supporting societal control over both Sources of pollution and the efforts made to reduce it and the regulatory authorities entrusted with protecting the citizen.

RESEARCH

INTERNATIONAL COLLABORATION

The Consortium of the project includes several prestigious US and Egyptian

universities: University of California at Santa Cruz, Utah State University, Washington State University, Temple University, Ain Shams University, Aswan University, Beni Suef University and Zagazig University.



The consortium also includes a number of US and Egyptian private sector companies and NGOs: SEKEM Group, Lotus Company, Demerdash Group, Engazaat Development, and the NGO IBSAR, as well as AECOM, Amriton LLC, Apogee Instruments, Carollo Engineers, FREDsense Technologies, Purolite Corporation and Waters Corporation. partnership "The Center of Excellence for Water", that was inaugurated on September 12th, 2019 at the Faculty of



6

Engineering – Alexandria University with the presence of the consortium representatives from US and Egyptian Universities, Egyptian private sector companies and several Ministries and Public entities in Egypt. this project is designed to be a state of the art, modern applied research center located within the premises of Alexandria University (AU), Egypt. The Center will be the hub for research and a vibrant network of Egyptian industries, research centers, and ministries.

7 AFFORDABLE AND CLEAN ENERGY



Ensure access to affordable, reliable, sustainable and modern energy

RESEARCH

In 2019, Aswan University has published more than 110 papers in indexed journals. From 2010 to 2019, the total number of publications was 280, 158 were conference papers, 110 articles, 5 chapters, and 4 reviews.

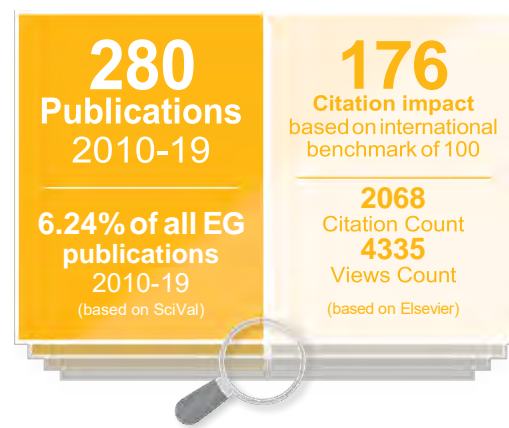
We have very good quality research regarding this area of sustainability. This clearly indicates that Aswan University has a good attitude to implement the SDGs.

Some of the significant papers in 2019:

1. *Accurate photovoltaic power forecasting models using deep LSTM-RNN*
2. *Wind driven optimization algorithm based global MPPT for PV system under non-uniform solar irradiance*
3. *An improved approach for robust control of dynamic voltage restorer and power quality enhancement using grasshopper optimization algorithm*
4. *Spectral Efficient Spatial Modulation Techniques*
5. *Design and Hardware Implementation of New Adaptive*

- Fuzzy Logic-Based MPPT Control Method for Photovoltaic Applications*
6. *Numerical analyses of hybrid jet impingement/microchannel cooling device for thermal management of high concentrator triple-junction solar cell*

Research in numbers: SDG 7



International Collaboration:

Aswan University has a strong collaborative partnership with international partners in order to review comparative approaches and develop international best practice on tackling the SDGs.



In 2019, Aswan University is working on boosting the international collaboration regarding the implementation of SDGs. One of these various forms of collaboration is the collaboration with USAID through the partnership in the Center of Excellence for Energy. This project is in cooperation with the USAID and some other Egyptian Universities, to build the research, education, and entrepreneurial capacity of Aswan University, Ain Shams, and Mansoura Universities to address the country's most pressing energy-related challenges.

Another partnership "The Center of Excellence for Water", that was inaugurated on September 12th, 2019 at the Faculty of Engineering – Alexandria University with the presence of the consortium

representatives from US and Egyptian Universities, Egyptian private sector companies and several Ministries and Public entities in Egypt. this project is designed to be a state of the art, modern applied research center located within the premises of Alexandria University (AU), Egypt. The Center will be the hub for research and a vibrant network of Egyptian industries, research centers, and ministries.

The Consortium of the project includes several prestigious US and Egyptian universities: University of California at Santa Cruz, Utah State University, Washington State University, Temple University, Ain Shams University, Aswan University, Beni Suef University and Zagazig University.

8 DECENT WORK AND ECONOMIC GROWTH



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

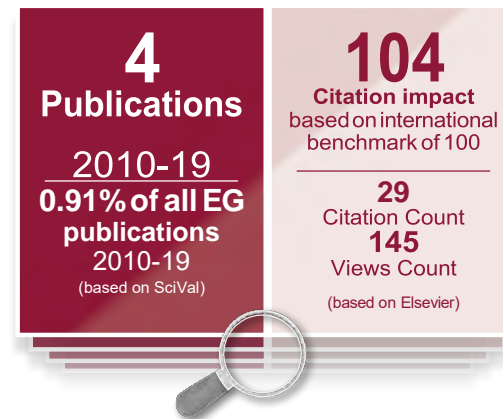
Human capital and the creativity, innovation and entrepreneurship it produces is the basis of sustainable development and development. Therefore, building scientific and practical capabilities according to the latest educational and professional systems is extremely important due to the rapid and successive technological developments that are reflected in the nature of the labor market and the quality of jobs required to keep pace with the fourth industrial revolution.

RESEARCH

Aswan University has published 4 papers in SDG 8, they are:

1. *Voltage collapse prediction for Egyptian interconnected electrical grid EIEG*
2. *Bioenergy potential from agriculture residues for energy generation in Egypt*
3. *Integration between industry and university: Case study, Faculty of Engineering at Rabigh, Saudi Arabia*
4. *Analysis of the driving forces of urban expansion in Luxor City by Remote sensing monitoring*

Research in numbers: SDG 7



International Collaboration



In partnership with USAID and the Ministry of Higher Education and Scientific Research, Aswan University



inaugurated the University Center for Career Development at Aswan University, which will prepare Egypt's youth for and connect them to today's job market. This activity is a vital link between higher education and the private sector in Egypt.

Accordingly, investments in education, training and rehabilitation to increase the efficiency of the human element are among the most important investments that the state undertakes to establish a knowledge economy capable of achieving development aspirations. By providing a permanently developable and learning community.

SDG 8 seeks to strengthen inclusive economic growth and promote decent, productive work for all. Even with current levels of growth, it is estimated that the number of

unemployed globally will rise due to expanding labor forces. Progress towards SDG 8 requires both the creation of new jobs and steps to make work conditions fair and decent. To accomplish these goals and encourage growth, the provision of basic energy, tech, transportation, and education services is crucial.

SDG 8 is further refined by targets that can be more readily translated into actions. These targets highlight the interconnected nature of the goals. For example, strategies to support Decent Work and Economic Growth also promote SDG 1 (No Poverty), and SDG 9 (Industry, Innovation, and Infrastructure).



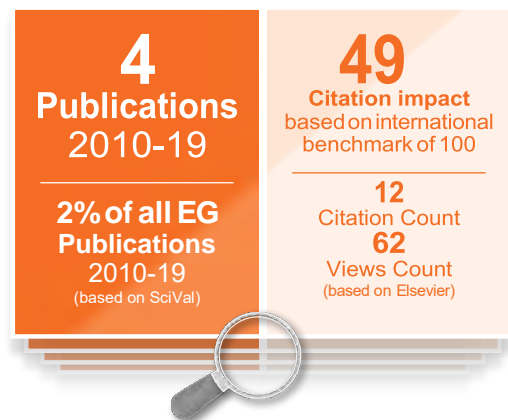
Build resilient infrastructure, promote sustainable industrialization and foster innovation

Research

Aswan University has published 4 papers during the last 10 years in the area of SDG9, an dthis is not A promising number. Nevertheless, half of these publications have been published in 2019. As well we are setting targets to boost publishing in this area in indexed journals.

3. Integration between industry and university: Case study, Faculty of Engineering at Rabigh, Saudi Arabia
4. The impacts of distributed generation on fault detection and voltage profile in power distribution networks

Research in numbers: SDG 9



PUBLICATIONS

1. Trans-Sense: Real Time Transportation Schedule Estimation Using Smart Phones
2. Travel Time Variability and Macroscopic Fundamental Diagram Relationships in Multimodal Networks

APPROCAH

Investment in infrastructure and innovation are crucial drivers of economic growth and development, and are key to finding lasting solutions to both economic and environmental challenges. Promoting sustainable industries and investing in scientific research and innovation are all important ways to facilitate sustainable development. More than 4 billion people still do not have access to the Internet, and 90% are from the developing world.

Bridging this digital divide is crucial to ensuring equal access to information and knowledge, as well as fostering



innovation and entrepreneurship. SDG 9 is further refined by targets that can be more easily translated into actions. These targets highlight the interconnected nature of the goals. For example, strategies to support inclusive industrialization and innovation also promote progress toward SDG 5 (Gender Equality) and SDG 8 (Decent Work & Economic Growth)

For the sake of sustainable, inclusive development, and for the sake of innovative generations that strive for knowledge development and continuous development, the National Agenda has ensured that knowledge, innovation and scientific research be

one of the pillars and drivers that support it.

And that is through establishing the close relationship between the localization and employment of technology and utilizing it for sustainable inclusive growth and linking it to social aspects through investing in human capital and building scientific and practical capabilities in accordance with the latest educational systems, technical qualification and vocational training, in order to improve the level of educational and training services provided, And considering transformational training as one of the main drivers for qualifying and employing untapped human resource.



Reduce inequality within and among countries

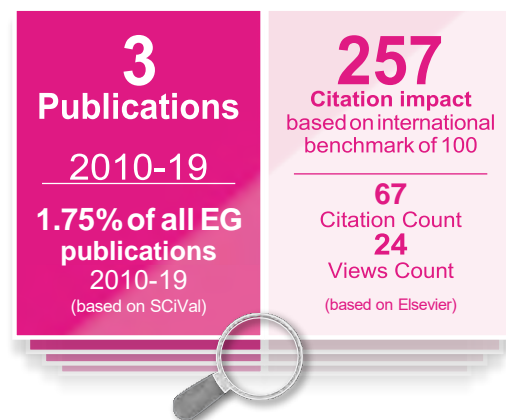
As progress is made to develop communities and economies, SDG 10 works to leave no one behind in the process. The share of the global population living in poverty has declined substantially in this century, but the benefits have been concentrated in a few countries, and have not accrued for disadvantaged groups within countries.¹ Addressing inequality is not only key in poverty reduction — it also combats unequal opportunities today that would otherwise lead to unequal outcomes tomorrow.

RESEARCH

As mentioned before, Aswan University is taking serious steps to enhance and promote researchers to publish their papers considering SDGs in indexed journals and at least the abstract should be in English.

As most of research regarding this goal are published in Arabic, and in local journals. These journals are not indexed in Scopus or WOS.

Research in numbers: SDG 10



APPROACH

SDG 10 is further refined by targets that can be more readily translated into actions. These targets highlight the interconnected nature of the goals: For example, strategies to support Reduced



Inequalities also promote progress toward SDG 5 (Gender Equality) and SDG 3 (Quality Education)

The constitution placed the social aspect as a cornerstone of the national agenda for sustainable development, as its introduction stipulated, “We write a constitution that achieves equality between us in rights and duties without any discrimination.” Its fourth article states, “Sovereignty belongs to the people alone, that they exercise and protect it, and they are the source of powers and safeguard their national unity. It is based on the principles of equality, justice and equal opportunities for all citizens, as stipulated in the constitution.

Therefore, the National Agenda seeks to achieve social justice and social

integration, and to promote active citizenship and positive participation for all segments of society.

As the issues of empowerment, equality and social justice are among the core issues that the 2030 Sustainable Development Goals focus on, as well as addressing issues of inclusion and the need to overcome discrimination for vulnerable and marginalized groups at all social, economic and political levels for all individuals based on the principle of citizenship, regardless of age, gender, disability, ethnicity, religion, economic or social status..



Make cities inclusive, safe, resilient and sustainable

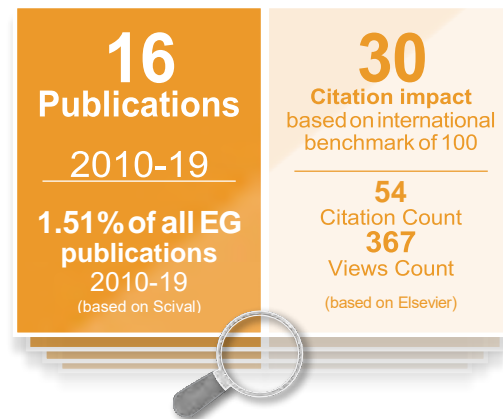
Research

We have published around 16 papers between 2010 and 2019. Seven of them in 2019:

1. Remote sensing analysis for surface urban heat island detection over Jeddah, Saudi Arabia
2. Analysis of the driving forces of urban expansion in Luxor City by Remote sensing monitoring
3. Trans-Sense: Real Time Transportation Schedule Estimation Using Smart Phones
4. Impacts of landfill leachate on groundwater quality in desert climate regions
5. SEH-SDB: a semantically enriched historical spatial database for documentation and preservation of monumental heritage based on CityGML
6. Guidelines to utilize the wind catcher "Malqaf" technique in Jeddah's new residential buildings
7. An applied study of the effect of air pollution on non-environmentally friendly colors of archaeological oil paintings in

the vicinity of the Nubia museum in Aswan

Research in numbers: SDG 11



Events

In 2019, Aswan University has organized "The First African Universities Youth Week".



More than 24 African Universities participated in this remarkable event.

APPROACH

Aswan University has continued to prioritize pedestrian access on campus. In order to:

- Encourage walking and reduce dependency on cars
- Protect the environment and reduce greenhouse gas emissions by limiting the use of cars.
- Improve the health and wellbeing of faculty staff, employees and students through encouraging walkability and movement.



Sustainable Cities & Communities encompasses both the challenges and opportunities presented by the increasing concentration of our global population both in urban centers and smaller but still heavily populated towns. By 2050, an additional 2.4 billion people are expected to be living in urban areas as this trend continues.



Ensure sustainable consumption and production patterns

Sustainable Consumption and Production is about promoting resource and energy efficiency, sustainable infrastructure, and providing access to basic services, green and decent jobs and a better quality of life for all. Its implementation helps to achieve overall development plans, reduce future economic, environmental and social costs, strengthen economic competitiveness and reduce poverty.

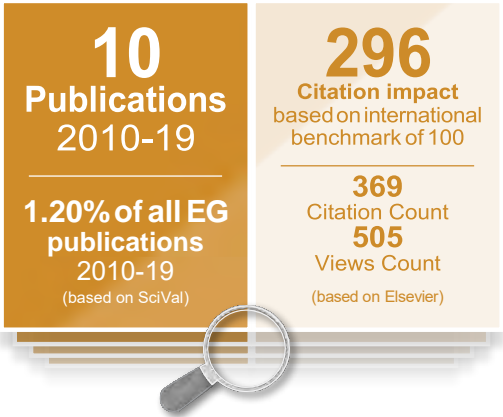
Progress toward this goal requires a move toward practices that limit harmful by-products. SDG 12 is further refined by targets that can be more readily translated into actions. These targets highlight the interconnected nature of the goals: For example, strategies to promote SDG 12 also support progress toward SDG 13 (Climate Action), SDG 6 (Clean Water and Sanitation) and SDG 11 (Sustainable Cities and Communities).

RESEARCH

Aswan University has published 10 papers between the period 2010 and 2019, two of them in 2019:

1. Impacts of landfill leachate on groundwater quality in desert climate regions
2. Watermilfoil myriophyllum spicatum extract attenuates cadmium toxicity in the kidney of bufo regularis

Research in numbers: SDG 12



APPROACH

Human activity affects the environment through three interrelated factors: the population, average per capita consumption, and the effect of the consumption unit in the stages of production, use and disposal, so the shift towards sustainable consumption and production is one of the most important elements of the national agenda to achieve maximum benefit from the available resources in light of

the high population and average consumption The individual.

And that by targeting changing the current patterns of production and consumption to reduce their negative environmental impacts, taking into consideration the social and economic repercussions.



Take urgent action to combat climate change and its impacts

Climate Action highlights the societal imperative to take urgent action to combat climate change and its devastating impacts through policy, awareness-raising, and adaptation and mitigation strategies. The effects of climate change can be seen on every continent. Weather patterns are changing, sea levels are rising, and greenhouse gas (GHG) emissions are now at their highest levels in history. Without action, the world's average surface temperature is likely to surpass 3°C this century. Climate change is disrupting national economies and individual lives, with the poorest and most vulnerable people suffering the most.

SDG 13 is further refined by targets that can be more readily translated into actions. These targets highlight the interconnected nature of the goals: For

example, strategies to tackle Climate Action are intertwined with those that address SDG 7 (Affordable and Clean Energy) and SDG 3 (Good Health and Well-Being).

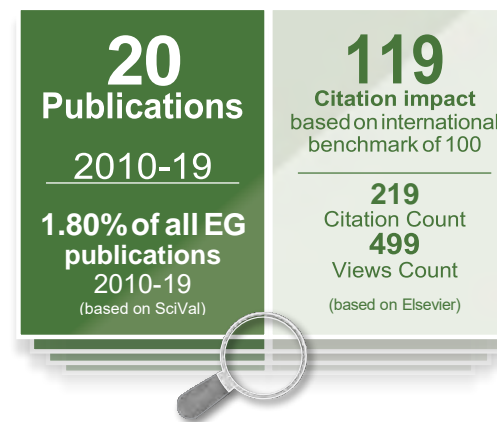
RESEARCH

Aswan University has published more than 20 publications between the period 2010 and 2019, six of them in 2019:

1. Remote sensing analysis for surface urban heat island detection over Jeddah, Saudi Arabia
2. A robust SMES controller strategy for mitigating power and voltage fluctuations of grid-connected hybrid PV-wind generation systems
3. Degradation Characteristics of the Optical Constants of PE-LD Film-Covered Greenhouses in an Arid Climate
4. Predicting the cooling potential of different shading methods for greenhouses in arid regions
5. Chemical Constituents of Essential Oil in Chervil (*Anthriscus cerefolium* L. Hoffm.) Cultivated in Different Locations
6. Stay-green trait: A prospective approach for yield potential, and drought and heat stress adaptation in globally important cereals



Research in numbers: SDG 13



APPROACH

Climate change is the most urgent issue in the international community, due to the dangerous future impacts and repercussions it may cause. Not least, the

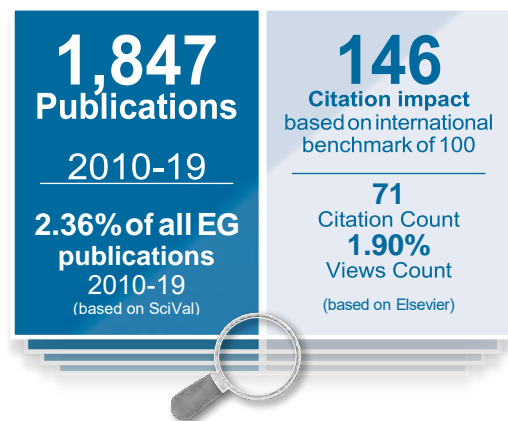
drying up of some rivers and the inundation of large parts of coastal areas, and the map of agricultural production areas in the world has been altered. And then the global environmental organizations launched a loud shout warning of the deterioration of the global climate, and the alarm bells were ringing to alert the unsuspecting that this deterioration could have major development repercussions. And because Egypt is one of the countries threatened by the effects of climate change, the state has set among its priorities the work to confront the potential effects of climate change by updating its national strategy for adapting to climate change and reducing disaster risks,



Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Life Below Water focuses on the critical role played by oceans, along with coastal and marine resources, in contributing to human well-being as well as economic opportunity. The oceans provide food for the world's growing population, and our rainwater and drinking water are ultimately provided and regulated by the sea. However, ocean health and marine life are threatened by overfishing, pollution

and acidification. SDG 14 is further refined by targets that can be more readily translated into actions. These targets highlight the interconnected nature of the goals: for example, strategies to support Life Below Water are intertwined with strategies that support SDG 3 (Good Health and Well Being), SDG 10 (Reduced Inequalities), and SDG 8 (Decent Work and Economic Growth) – all while tackling climate change and working to preserve our oceans and forests.





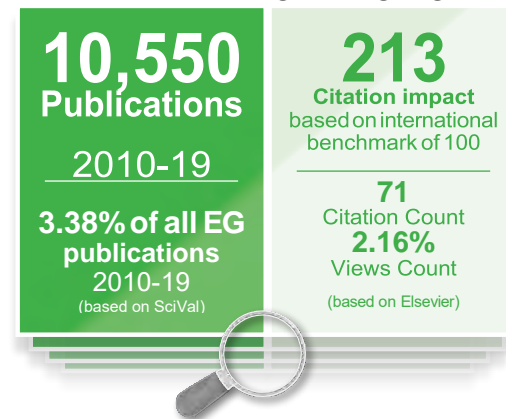
Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land

degradation, and halt biodiversity loss

SDG 15 aims to ensure and enhance the health of earth's terrestrial ecosystems by encouraging sustainable land use and land protection. The past decades have seen a rise in challenges to this goal in the form of global deforestation and the loss of biodiversity. A deteriorating environment undermines the livelihoods of millions of people who no longer

benefit from reliable sources of food, water and countless other services provided by healthy ecosystems. Fortunately, progress can be made through smarter development planning and reducing practices that pollute air and water.

SDG 15 is further refined by targets that can be more readily translated into actions. These targets highlight the



interconnected nature of the goals: For example, strategies that address SDG 15 also support SDG 6 (Clean Water and

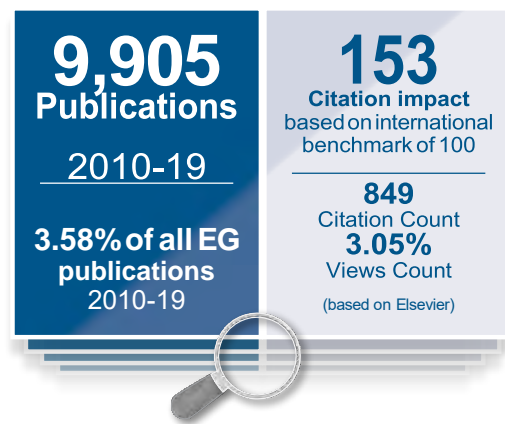
Sanitation) and SDG 7 (Affordable and Clean Energy).



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

Peace, Justice and Strong Institutions highlights the role of governments and institutions in promoting peaceful and inclusive societies for sustainable development, providing access to justice for all, and building effective, accountable and inclusive institutions at all levels. To achieve the SDGs, governments and private institutions must be held accountable. Corruption, crime, bribery, and any number of unacceptable behaviors that are rampant in countries around the world must be addressed and ultimately

eradicated. Moreover, violence against marginalized groups – whether on the basis of religion, geography, class, race, ethnicity or other factors – must be stopped. The realization of peace and justice and access to such things as housing, education, healthcare, food and nutrition requires strong institutions and governments that are held accountable for putting the needs of their people above the interests of their leaders.



Progress toward SDG 16 underpins all of the other SDGs. Peace, justice and strong institutions can facilitate better use of human capital and financial resources, which can result in attracting

more investment capital and spurring economic growth in a country or a community. The synergies between SDG 16 and other goals are highlighted below.

17 PARTNERSHIPS
FOR THE GOALS



Strengthen the means of implementation and revitalize the global partnership for sustainable development

Partnerships for the Goals recognizes the need to implement and revitalize global partnerships to support sustainable development. Robust partnerships between regulators, policymakers and the private sector are necessary to achieve each of the SDGs. Regulators, who operate under a legal mandate to set and enforce rules for market compliance, must balance such priorities as market growth,

transparency, competition, stability, and safety to minimize turbulence and risk, while enabling needed advancements.¹ Policymakers must coordinate efforts to create logical and coherent frameworks for macroeconomic stability, and to mobilize and share knowledge, expertise, technology and financial resources to support the achievement of the Sustainable Development Goals



in all countries, in particular developing countries.

