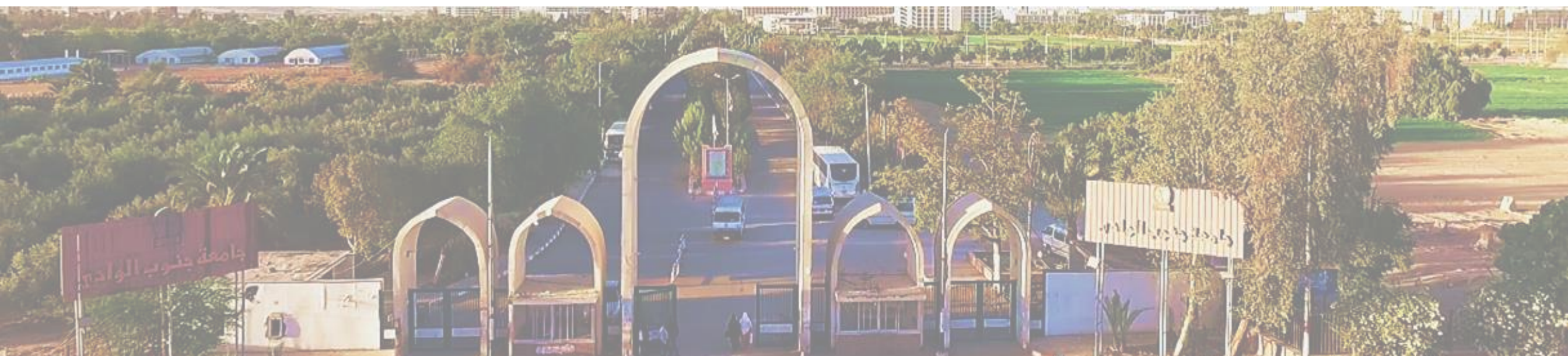




## South Valley University (SVU) Sustainability Bulletin 2020/2021





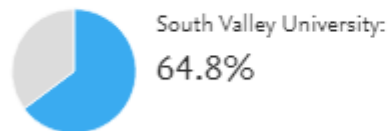
## Research in energy

SVU has excellence of research output globally in the period of 2017 to 2021.

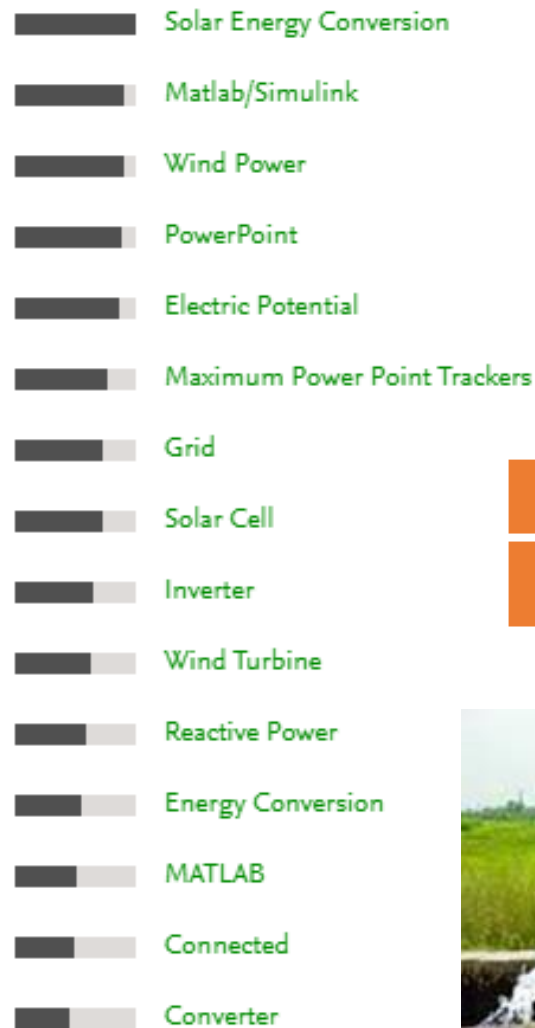
Scholar output	FWCI	International collaboration	Citation
253	1.68	164	3129

International Collaboration  

Publications co-authored with Institutions in other countries/regions



The keywords of the resulted research is attached in this report according to SciVal which show diversity of water resources research.



Courses	workshops	Conferences	Industry
yes	yes	yes	yes



## SOLEDA project

SVU has transformed research to onsite application. Our campus uses most available renewable energy source such as solar heater for heating water through SOLEDA project funded from Erasmus+ program.

## Sustainable renewable energy

Beside research, SVU graduates engineers has a great impact in market for using solar cell in water pump of underground water in irrigation system in desert areas.

## Energy research and collaboration

SVU has many program and academic staff who are working in renewable energy including fuel cell, solar cell. Moreover, SVU has policy for energy saving including lighting using solar cells, and air-conditioning saving use mode.



## Research in descending work and economic growth

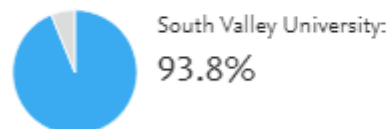
This indicates the good quality of this goal research nationally and globally in the period of 2017 to 2021.

Scholar output	FWCI	International collaboration	Citation
16	1.92	15	408

The keywords of the resulted research is attached in this report according to SciVal which show diversity of Sustainability and economics research.

International Collaboration  

Publications co-authored with Institutions in other countries/regions



### CDC vision:

A future in which students and graduates discover job skills that develop their lives and societies for better future.

SVU through SDG 8 seeks to strengthen inclusive economic growth and promote decent, productive work for all.

- Motivating and developing the spirit of volunteer work.
- Training on labor market skills and self-development.
- Entrepreneurial and entrepreneurial training
- Developing the skills of people with disabilities



## National collaboration for entrepreneurship

Information technology institute (ItI) in SVU with collaboration with ministry of communication has aim of talent acceleration, job creation, project coaching, hand on training, business session delivery, competitions and hackathons organization, startup business technical support and product innovation display. It supports all SVU students and alumni and all society members through CREATIVA center. It's one of 6 centers among the national state.

## International Collaboration

In partnership with USAID and the Ministry of Higher Education and Scientific Research, SVU inaugurated the university Center for Career Development which will prepare Egypt's youth for and connect them to today's job market.



## Research in promote Industry, Innovation, and infrastructure.

Scholar output	FWCI	International collaboration	Citation
39	1.9	31	463

Based on Egypt vision 2030 and national agenda, SVU record publications co-authored with Institutions in other countries/regions.

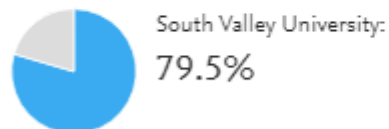


*Investments in infrastructure transport, irrigation, energy and information and communication technology are crucial to achieving sustainable development and empowering communities in many countries.*



International Collaboration

Publications co-authored with Institutions in other countries/regions



## SVU strategy

Promoting sustainable industries and investing in scientific research and innovation are all important ways to facilitate sustainable development

## Government organization participation

SVU Participates in Egypt's Initiative for Smart Green Projects with Qena governate.

- Economic plant farms.
- Full recycling of municipal waste.
- Sewage sludge without any residue.
- The use of solar energy in Agriculture.
- Recycling of the agricultural waste.

## Consultant

Engineering consultant office provides engineering design and consultant that help in industry and innovation in campus and off campus.

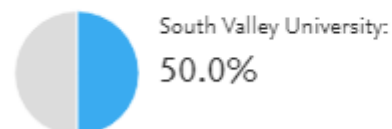


## Reduced Inequalities: publications

Scholar output	FWCI	International collaboration	Citation
6	1.95	3	82

International Collaboration  

Publications co-authored with Institutions in other countries/regions



- SVU participate with all national feasts to promote and tackling inequalities: economic, health based and international inequalities.



## Anti-discrimination and anti-harassment

SVU has policies opposed to someone harassing, alarming or distressing another person with his or her behavior in the university with community that take action in the accident.

## SVU strategy :

SVU strategy to improve 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.

## Employees with disabilities

SVU support the alumni and citizen who has disability as effective member.

## International students from developing countries.

SVU has scholarships for all residence of Egypt without any discrimination and offer scholarships for international students who are resident in Egypt.



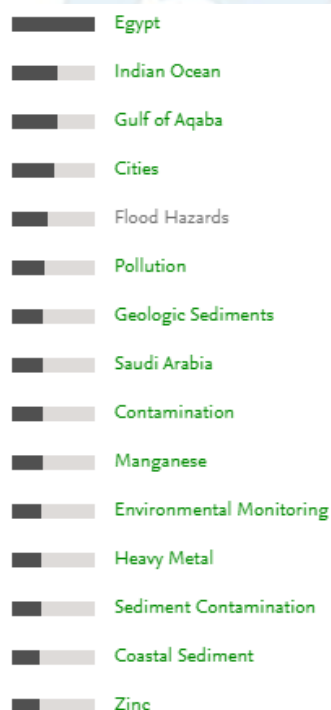
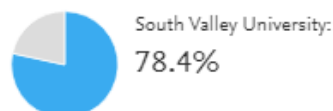
## Research in sustainable cities and communities

Scholar output	FWCI	International collaboration	Citation
37	1.54	29	430

SVU has excellence output in this goal nationally and globally in the period of 2017 to 2021.

International Collaboration

Publications co-authored with Institutions in other countries/regions



- SVU plant about 1800 tree in campus towards smart and green university.
- 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.
- Fine art forum is held annually under faculty of fine arts in the campus.



## SVU strategy

SVU 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.

## SVU Vison

- SVU act as custodians of heritage and environment in their communities, a sustainable community must have access to its history and culture in order to thrive.
- SVU supporting arts and heritage and provide access to local cultural and heritage.

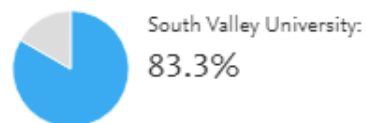


## Research on responsible consumption and production

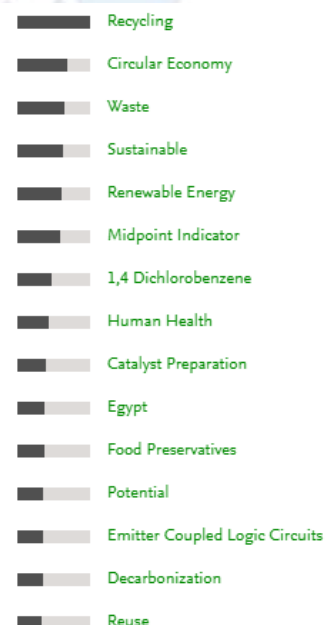
Scholar output	FWCI	International collaboration	Citation
24	1.69	20	453

International Collaboration 

Publications co-authored with Institutions in other countries/regions



SVU achieved good progress in this goal with 24 scholar output and FWCI 1.69 with international collaboration 20 and citation of 453. This indicates the good quality of this goal research nationally and globally in the period of 2017 to 2021.



## Links to other SDGs

Responsible production and consumption will help to achieve development plans, reduce future economic, environmental, and social costs, strengthen economic competitiveness, and reduce poverty. (SDG1, SDG2, SDG8 and SDG9) It helps to protect the environment by minimizing the impact of production and consumption (SDG13, SDG14 and SDG15).



## SVU recycling courses

- SVU is working towards an efficient use of resources and the minimization of waste.
- Faculty of agriculture hold two training courses on waste recycling .

## Approach

SVU has committee for waste monitoring in food and agriculture waste.

## SVU workshops and collaboration with NGOs

Organizing workshops which held in SVU- faculty of agriculture with collaboration with NEDAA organization for agriculture waste recycle. Waste recycle is in the main priorities of SVU agenda towards achieving SDGs.



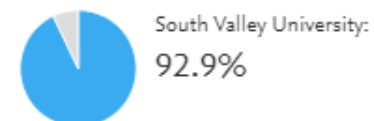
SVU acting to address climate issues through research, low carbon use and education.

## Research on climate action

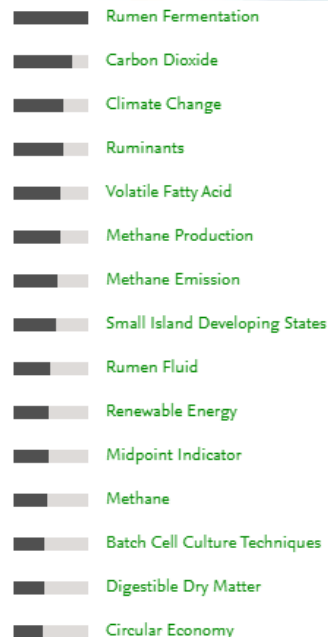
Scholar output	FWCI	International collaboration	Citation
28	2.49	26	590

International Collaboration  

Publications co-authored with Institutions in other countries/regions



SVU has excellence output in this goal nationally and globally in the period of 2017 to 2021.



## Links to other SDGs

**S**DG 13 relates to all other SDGs since, if no action taken, climate change can exacerbate storms and disasters, and threats such as food and water scarcity (SDG2 and SDG6). These impacts will be felt more severely by poorer people (SDG1). It will affect life on land (SDG15) and in the sea (SDG14). However, innovation (SDG9) and work towards clean energy (SDG7) can help to mitigate its impact.

## Collaboration with NGOs

SVU with NGOs perform a variety of service and humanitarian functions, bring citizen concerns to governments, advocate and monitor policies and encourage political participation through provision of information.



- SVU participate in the Million Youth Volunteer Initiative for Climate Adaptation in conference.



## SVU action

SVU respond to SDG13 by participating in international collaboration to find the best practice action in terms of society awareness through workshops and organizing public events.

Low-carbon energy use :

- ✓ Renewable sources (biomass, hydropower, geothermal).
- ✓ Power generation sources (wind, solar, nuclear).
- ✓ Electricity (renewable).
- ✓ Electricity (nuclear) .



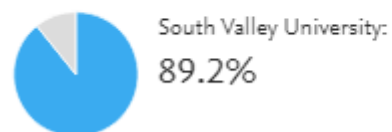
SVU- support protecting and enhancing aquatic ecosystems like lakes, ponds, streams, wetlands, rivers, estuaries and the open ocean.

## Research on research on life below water

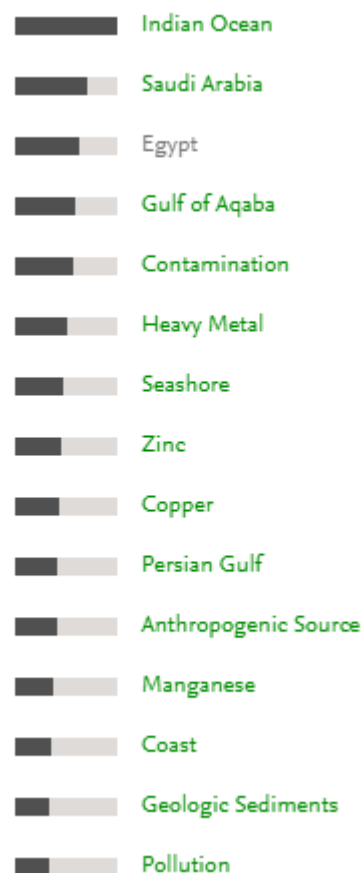
Scholar output	FWCI	International collaboration	Citation
37	1.26	33	424

International Collaboration  

Publications co-authored with Institutions in other countries/regions



*SVU has excellence research output in this goal nationally and globally in the period of 2017 to 2021.*



## Links to other SDGs

SDG 14 relates to other SDGs since over three billion people depend on marine and coastal biodiversity for their livelihoods – affecting hunger (SDG2) and poverty (SDG1). Maintaining healthy oceans supports climate change mitigation and adaptation efforts (SDG13).

Life on the land (SDG15) is closely linked to life under water, and our choices around production and consumption (SDG12), clean energy (SDG7), and water and sanitation (SDG6) will all impact on this area



## SVU has the following recommendations :

- ❖ Drinking Water Source Protection.
- ❖ Environmental Monitoring and participating in national project for protecting river Nile and lacks
- ❖ To save life below water.

## SVU has vision by the following steps:

- ❖ Engage society and students
- ❖ Create awareness
- ❖ Reduce threats
- ❖ Enhance health/resilience
- ❖ Drinking water source protection recommendations
- ❖ Environmental monitoring recommendations



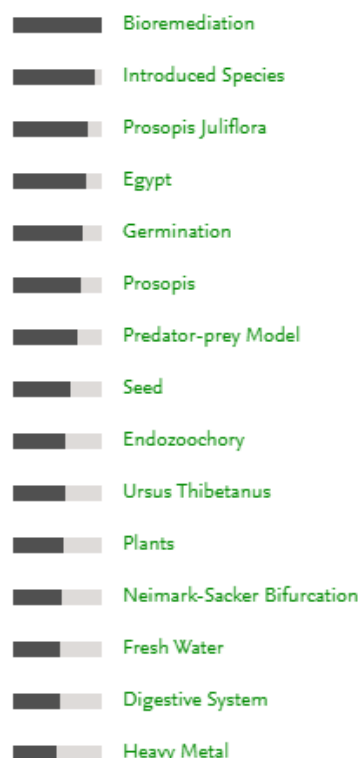
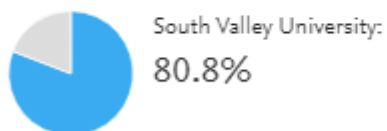
## Research on land and ecosystems

Scholar output	FWCI	International collaboration	Citation
26	0.85	21	102

*SVU has excellence research output in this goal nationally and globally in the period of 2017 to 2021.*

International Collaboration  

Publications co-authored with Institutions in other countries/region



## Links to other SDGs

SDG 15 relates to other SDGs since biodiversity and the ecosystem can also be the basis for climate change adaptation and disaster risk reduction strategies (SDG13). Life on the land and life below water (SDG14) are interlinked, and life throughout the ecosystem provides routes out of hunger (SDG2) and poverty (SDG1). Clean water (SDG6) and clean energy (SDG7) are also vital to maintaining life on land.



- SVU aiming to 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.

## SVU strategy

SVU is contribute to sustainably manage forests, combat desertification, halt and reverse land degradation, and halt biodiversity loss.

## According to national agenda SVU follow :

- Water discharge guidelines and standards
- Policy on plastic waste reduction
- Policy on hazardous waste disposal
- Land sensitive waste disposal



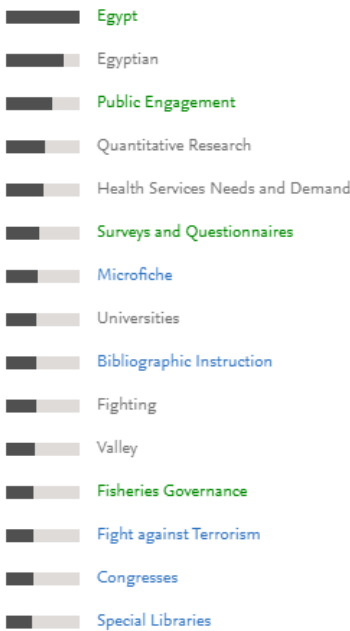
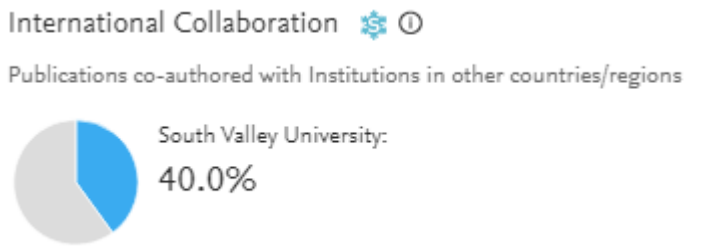
Proportion of graduates in law is 1452

SVU provide access to justice for all and build effective, accountable and inclusive institutions at all levels.

### Research on research on peace and justice

Scholar output	FWCI	International collaboration	Citation
5	0.57	2	19

SVU has two research output in globally in the period of 2017 to 2021. most of the research in the home language Arabic in local journal from SVY.

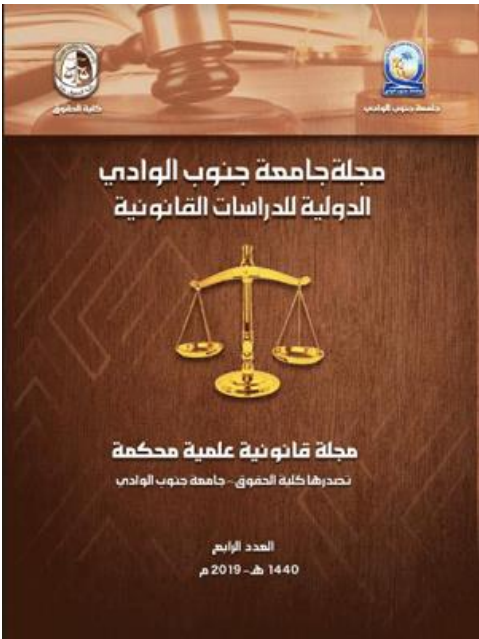


### Links to other SDGs

SDG 16 relates to other SDGs since, in order to advance the SDGs, we need effective and inclusive public institutions that can deliver quality education (SDG4) and healthcare (SDG3), fair economic policies (SDG8) and inclusive environmental protection (SDG13, SDG14 and SDG15).



SVU student's union



SVU journal for law studies

### SVU support the following for SDG16.

- Support, and be, strong institutions in national and promote peace and justice.
- Academic freedom policy.
- Provide specific advice to community, regional or national government through sector of community service and development and postgraduates and research affairs through conferences and research.
- Significantly reducing all forms of violence and related death rate everywhere.
- Promote the rule of law at national and international levels and ensure equal access to justice for all.
- Develop effective, accountable and transparent institutions at all levels.
- Promote and enforce non-discriminatory laws and policies for sustainable development.
- Students' union.



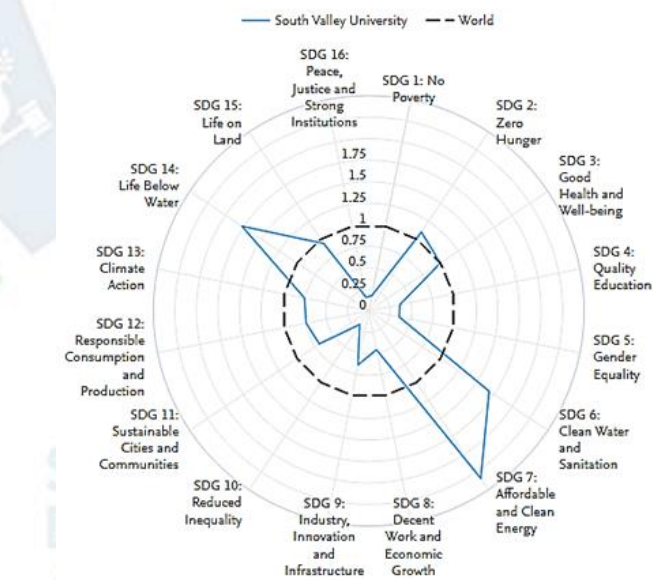
Governments

Institutions

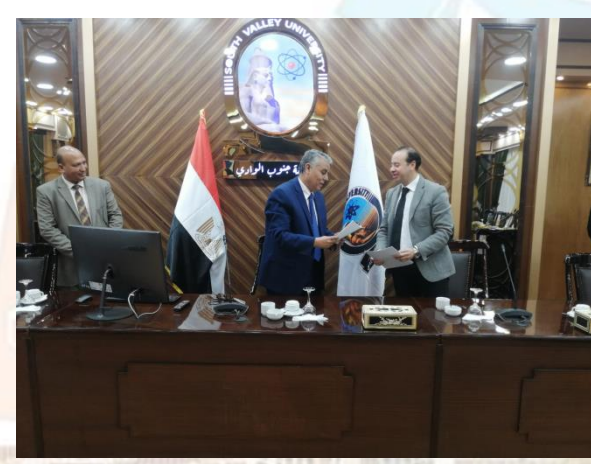


Companies

NGOs, and community



Regional meeting and participation of SVU vice president to achieve SDGs



## SVU Partnership to achieve sustainability and SDGs

SVU support the SDGs through collaboration with other countries, through international projects and research as well as capacity building and promote the best practices and publish data and evidence through website of the university.

- SVU do its best to achieve all SDGs through all its sectors in education, research, and environment and development of society.
- Collaboration with NGOs for SDGs.
- Education for SDGs commitment to meaningful education.
- specific courses on sustainability.