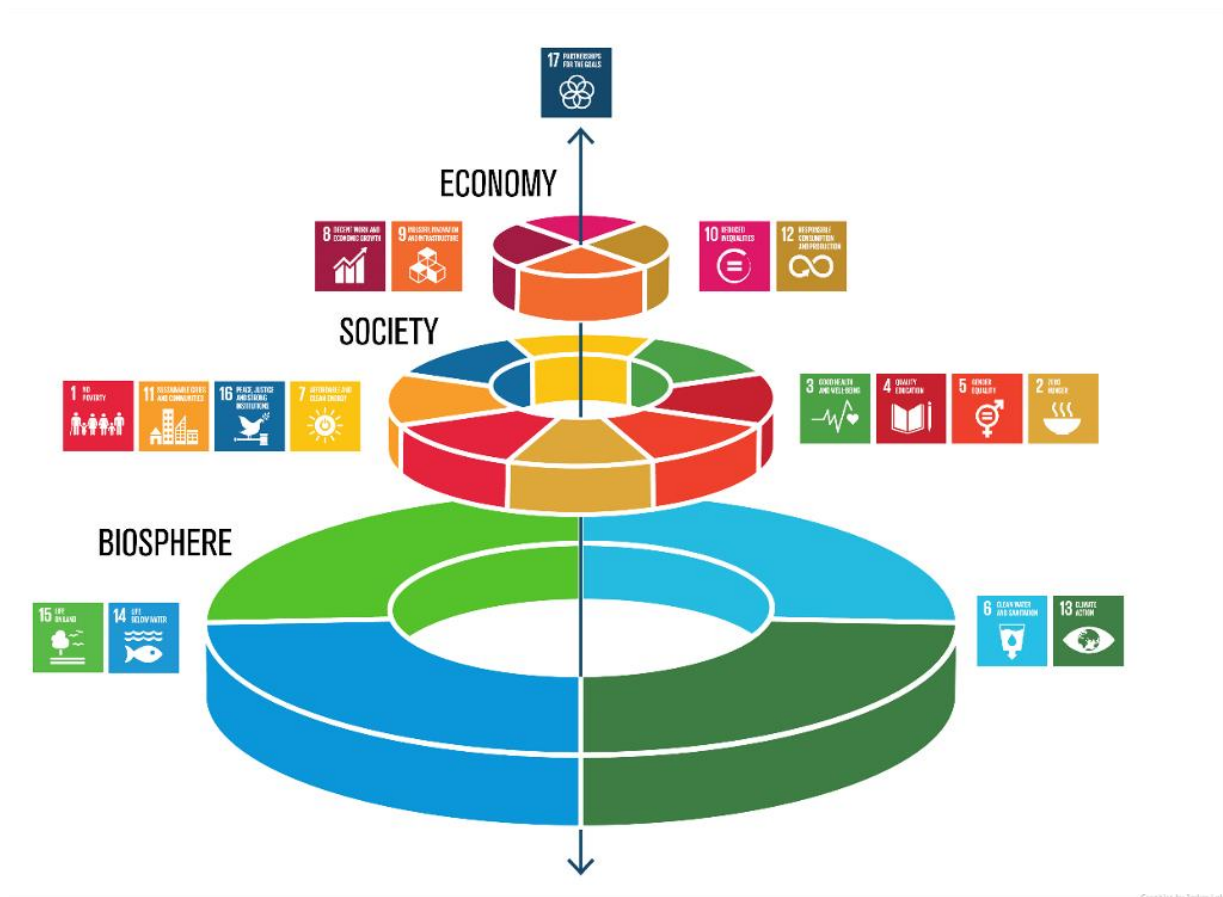


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Conservation: plant (flora), animal (fauna), and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities

Description:

GU collaborated with Nature Conservation Egypt (NCE), an organization dedicated to preserving Egypt's natural heritage for the benefit of current and future generations. This partnership aimed to enhance awareness and knowledge about environmental conservation through a series of training activities.



مقدمة

تتمتع الطيور الجارحة بأهمية وحيثية مميزة في كل ثقافات العالم ولا سيما في المنطقة العربية، كما أن حالة مجتمعات وأفراد الطيور الجارحة في بيئة ما هي دليل ومؤشر بالغ الأهمية على صحة وسلامة النظام البيئي بشكل كامل في هذه البيئات. إلا أن هذه الكائنات المذهلة تتميز بمعدل تكاثر قليل خلال أعمارها المديدة نسبياً. كما أنها تتعرض لطيف واسع من المهددات والمخاطر من صيد جائر وتسمم وتصادم مع البنية التحتية لمشاريع التنمية بشكل عام. كل هذا تسبب في تناقص أعداد الطيور الجارحة بشكل كبير في البرية. وتقدر أنواع الطيور الجارحة في العالم بنحو ٥٥٧ نوع فقدت حوالي ٥٢% من موائلها الطبيعية بسبب التوسع العمراني والتنمية الغير منضبطة. كما أن ١٨% من هذه الطيور مهدد بخطر الانقراض عالمياً.

Memorandum of Understanding between NCE & GU

The training provided participants with essential skills and insights into effective conservation strategies, fostering a deeper appreciation for Egypt's rich biodiversity and natural resources.

<https://www.gu.edu.eg/2024/10/galala-university-partners-with-nce-for-nature-conservation-training/#:~:text=February%202024%2C,of%20current%20and%20future%20generations>

NCE has organized several times a full spring raptor migration count on top of the Galala Plateau on the Red Sea coast of Egypt. The NCE team counted more than 379,000 birds during 90 days.



Counting raptors at Galala



Trainees

GU is uniquely located, near the Galala Bird Observatory (a permanent station to monitor and study migratory birds). The university's biological sciences team at the Faculty of Science was at hand to provide support when the university got a call from the Galala Observatory team that a griffon vulture was injured, and required medical attention.

<https://www.birdlife.org/news/2022/08/08/a-griffon-vulture-gets-a-new-lease-of-life-in-egypt/?fbclid=IwAR2dQelexTVQYuFTNUTP3R4Xd7-1Q2uww22BFFAcHpdaWZ9mZiWXGBXE6l8>

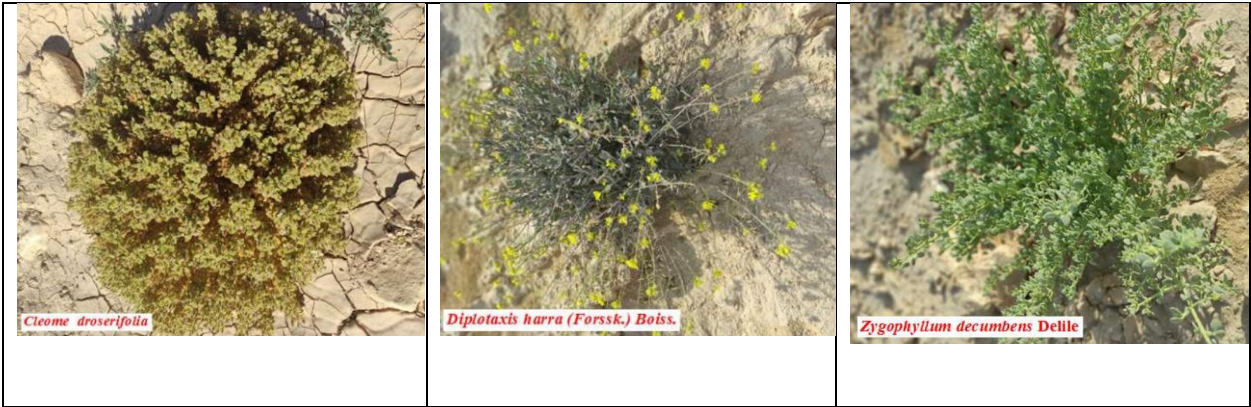
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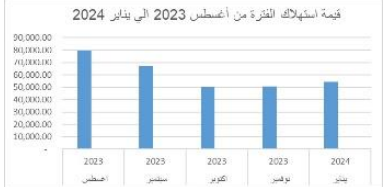
The university's biological sciences team at the Faculty of Science has prepared a study to collect materials needed for the Atlas of Natural Resources in the Galala Area, North-western Gulf of Suez, Egypt. Some field trips have been made to investigate the geology of the area, in addition to the nature of fauna and flora. Some sections have been studied in the field and some collected geological and biological samples have been examined in the laboratory for identification, discrimination and classification.



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Water Management Standard

Item	Brief Description	Verification and Evidence Guide												
1- Mechanisms for Reducing Water Consumption on Campus														
	Using a drip irrigation network controlled by an advanced electronic system.													
	Utilizing high-efficiency sanitary devices made of high-quality materials to control water quantities and prevent leakage.	<p>قيمة استهلاك الفترة من أغسطس 2023 الى يناير 2024</p>  <table border="1"><thead><tr><th>الفترة</th><th>القيمة</th></tr></thead><tbody><tr><td>أغسطس 2023</td><td>85,000.00</td></tr><tr><td>سبتمبر 2023</td><td>75,000.00</td></tr><tr><td>أكتوبر 2023</td><td>50,000.00</td></tr><tr><td>نوفمبر 2023</td><td>50,000.00</td></tr><tr><td>يناير 2024</td><td>55,000.00</td></tr></tbody></table>	الفترة	القيمة	أغسطس 2023	85,000.00	سبتمبر 2023	75,000.00	أكتوبر 2023	50,000.00	نوفمبر 2023	50,000.00	يناير 2024	55,000.00
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نوفمبر 2023	50,000.00													
يناير 2024	55,000.00													
	Isolation valves on main building networks allow for easy isolation of areas with leaks and facilitate the repair													




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	of any leaks in the main networks.	
	Continuous awareness campaigns for students to reduce water use and avoid waste. Violations may lead to penalties according to dorm regulations, through awareness messages sent via WhatsApp and Telegram groups.	
2- Mechanisms for Water Recycling and Reuse		
	A main treatment plant is available to treat wastewater and reuse it for irrigation. Currently, the plant is being prepared for operation by the Armed Forces Engineering Authority.	

Waste Management Standard

Item	Brief Description	Verification and Proof Guide
1- Existence of a waste recycling program	Sorting and collecting waste by type whenever possible. Galala University plays a major role in recycling by including a clause in contracts with waste management companies, mandating recycling efforts with mechanisms for sorting waste by type to facilitate recycling.	  
2- Hazardous waste disposal (ISD)	Galala University uses the latest system for safe disposal of waste with advanced methods.	

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<p>3- Organic waste disposal</p>	<p>Galala University contracts with a major company (Environmental Hygiene and Beautification Company) to safely dispose of organic waste.</p>	
<p>4- Non-organic waste disposal</p>	<p>The university handles non-organic waste by contracting a specialized company for safe disposal.</p>	
<p>5- Existence of a safe sewage disposal mechanism</p>	<p>Safe drainage networks connect all university buildings to main collection stations.</p>	
<p>6- Mechanism to reduce paper and plastic use on campus</p>	<p>The university relies on the CANVAS e-learning system, applies a duplex printing policy to reduce paper use, uses the Oddo system for internal operations, and implements online booking and payment to minimize paper form usage.</p>	