



SDG 14: Life Below Water

14 LIFE
BELOW WATER





The University of Tabuk, in collaboration with Red Sea Global, has been actively engaged in research projects and community initiatives aimed at promoting environmental sustainability in the Red Sea region. These joint efforts highlight the university's commitment to advancing Sustainable Development Goal 14 (Life Below Water) through scientific research, training opportunities, and community awareness programs.

Joint Research Projects

As part of its partnership with Red Sea Global, the University of Tabuk conducts field studies to collect soil, water, and marine algae samples from the Red Sea environment. These samples are used to conduct a comprehensive environmental survey of algae species to evaluate their resilience to environmental changes. This work contributes to a deeper understanding of marine ecosystems and supports strategies for protecting biodiversity under changing climatic conditions.

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Training and Capacity Building

In cooperation with Red Sea Global, the Deanship of Graduate Studies at the University of Tabuk has launched practical training opportunities for postgraduate students. These opportunities allow students to participate directly in Red Sea projects, gaining hands-on experience in marine research. Selected students have also been admitted to specialized training in the operation and laboratory cultivation of coral nurseries. This practical exposure not only strengthens scientific skills but also prepares future specialists in marine conservation and sustainable development.

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فرصة تدريب عملي لطلبة الدراسات العليا ضمن مشروع بحثي بالشراكة مع البحر الأحمر الدولية

يسر جامعة تبوك ممثلة في عمادة البحث والدراسات العليا بالتعاون مع البحر الأحمر الدولية الإعلان عن فرصة تدريب عملي لطلبة الدراسات العليا بجامعة تبوك وذلك في مشروع البحر الأحمر ضمن مشروع بحثي مشترك بين الجهتين.

عنوان المشروع: Conservation of Coral Reef by Smart Manipulation and Adaptation with Probiotic Microbiome in Red Sea Environment

مجال التدريب: تشغيل أحواض المرجان وتربيته مخبرياً

أبرز مخرجات التدريب: سيساعد فريق الخبراء في البحر الأحمر الدولية الطلبة المشاركين على:

- التحكم في ظروف أحواض السمك
- تربية المرجان و مراقبة نموه
- إنشاء وتشغيل أحواض المرجان لإتمام أبحاث الشعاب المرجانية بنجاح في الجامعة.

الفئة المستهدفة: طلبة الدراسات العليا في برامج الدراسات العليا ذات العلاقة

مميزات التدريب: مواصلة وإقامة وإعاشة مجانية خلال فترة التدريب شهادة تدريب

مدة التدريب: أسبوع واحد خلال الفترة من ٢٠/٩ / ٢٠٢٤ حتى ٢٠/٩ / ٢٠٢٤

مكان التدريب: مشروع البحر الأحمر

آخر موعد للتقديم: الأثنين ١٦ / ٩ / ٢٠٢٤

عمادة البحث والدراسات العليا

Scientific and Academic Activities

To further disseminate knowledge and engage the academic community, the Deanship of Graduate Studies organized a scientific seminar in collaboration with Red Sea Global. The seminar, hosted by the university's Food Sustainability Research Group, provided a platform to share research findings and explore innovative approaches to marine sustainability.

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Invitation

The Deanship of Research and Graduate Studies invites you to attend a scientific seminar presented by **Food Sustainability Research Group** at University of Tabuk. This seminar is for its research project funded by the Deanship of Research and Graduate Studies in the **Research to Innovation Track (R2I)**, in partnership with **Red Sea Global** as a beneficiary and recipient partner of the project's outcomes

University of Tabuk | Red Sea Global

Project title

Enhancement of Microalgae High-Value Products and Developing Microalgae-Mediated Nanomaterials

Seminar Presenter
Dr. Hala Bayomy
Principal Investigator of food sustainability research group
Associate Professor at Food Sciences and Nutrition Department
Faculty of Science, University of Tabuk

Seminar Moderator
Eman Alatwi
Deanship of Research and Graduate Studies

For more details about Research group's identity and its activities

Target group
• Faculty members
• Researchers

Tuesday 27/8/2024
8:00 PM
To attend

Certificates will be provided to all attendees

Deanship of Research and Graduate Studies

Faculty of Science organized an exhibition titled *"Biodiversity in the Red Sea."* The exhibition featured scientific posters and models of endangered marine species, as reported by the National Center for Wildlife. Faculty members showcased their research projects in collaboration with the university's Genome Unit. The exhibition aimed to highlight the role of marine life in maintaining ecological balance and its significance in achieving the Sustainable Development Goals. Additionally, a workshop was held to demonstrate diving techniques and methods for collecting marine samples, thereby connecting scientific knowledge with practical skills.

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Community Engagement and Awareness

The University of Tabuk has also emphasized community responsibility through awareness programs. The Department of Biology at the



Through joint research projects, training programs, seminars, exhibitions, and external partnerships, the University of Tabuk continues to strengthen its role as a regional leader in advancing marine sustainability. These initiatives not only support SDG 14 but also reflect the university's dedication to protecting the Red Sea's unique ecosystems for future generations.

External Collaboration

The University College in Duba hosted a delegation from the General Commission for the Conservation of Coral Reefs and Sea Turtles in the Red Sea. The visit aimed to strengthen cooperation in academic, scientific, research, training, and cultural fields, further advancing the collective mission of marine conservation and sustainability.

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