

ABDULLAH ALEIDAN

Assistant Professor - Environmental Sciences

Zoology Department, College of Science
King Saud University (KSU), Riyadh, Saudi Arabia
Email: aaleidan@ksu.edu.sa

ACADEMIC POSITION

Assistant Professor - Environmental Sciences
Zoology Department, College of Science, King Saud University, Saudi Arabia
2025 - present
Lecturer
Zoology Department, College of Science, King Saud University, Saudi Arabia
2011 - 2025
Demonstrator
Biology Department, Teachers College
2008 - 2011

EDUCATION

PhD in Environmental Sciences
University of East Anglia (UEA), United Kingdom
MSc in Animal Environment and Pollution
Zoology Department, College of Science, King Saud University, Saudi Arabia
BSc in Biology
Teachers College, Saudi Arabia

RESEARCH INTERESTS

Environmental pollution and contamination
Sediment ecology and ecotoxicology
Molecular ecology and metabarcoding
Marine and estuarine ecosystems

PUBLICATIONS

Grant, A., **Aleidan, A.**, Davies, C.S., Udochi, S.C., Fritscher, J., Bahram, M. and Hildebrand, F., 2025. KSGP 3.1: improved taxonomic annotation of Archaea communities using LotuS2, the genome taxonomy database and RNAseq data. ISME communications, 5(1), p.ycaf094.

PROFESSIONAL & DOCTORAL TRAINING

ARIES Advanced Doctoral Training Programme (NERC DTP), United Kingdom
Comprehensive advanced-level doctoral training aligned with the Vitae® Researcher Development Framework, including research ethics, scientific writing, grant proposal development, multidisciplinary research, and scientific communication.

RESEARCH & TECHNICAL SKILLS

Molecular techniques (DNA extraction, PCR)
Sediment sampling and environmental analysis
Histological preparation and animal dissection
Data exploration, quality control, and visualization using R

TEACHING EXPERIENCE

Lectures and practical sessions in zoology and environmental sciences
Undergraduate laboratory supervision

LANGUAGES

Arabic (native)
English (fluent)