

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Ghardaïa



Valorization and Conservation of Arid Ecosystems Laboratory "VCAEL"

CERTIFICATE OF ATTENDENCE

is hereby awerded to:

Ettayib BENSACI

for the participation in the International Congress on the Valorization and Conservation of Arid Ecosystems (ICVCAE) held from 25-27th November 2025 in Ghardaia, Algeria with Oral communication entitled:

"Distribution pattern Of waterbirds in the sahar Wetlands of Algeria and impact of climate changes on its hydrological fluctuations"

Co-authors: Asma ZOUBIR, Hadjer KERIA, Yacine NOUIDJEM, Mousa HOUHAMDI

Chairwoman of Congress



Chair of Congress
Hadjer Keria

Director of the LVCEA laboratory



مدير مختبر الابحاث على الطبيعة والبيئة
عميد كلية علوم الطبيعة والبيئة
والحياة وعلوم الأرض
* محمد عليوة يوسف
* كرييات محمد

Dean of the faculty



كلية علوم العلوم
الطبية والبيئة
وعلوم الأرض
جامعة غرداية

