

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA  
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH

FERHAT ABBAS UNIVERSITY - SETIF 1  
INSTITUTE OF ARCHITECTURE AND EARTH SCIENCES  
DEPARTMENT OF EARTH SCIENCES



# CERTIFICATE

## OF ACHIEVEMENT

THIS CERTIFICATE IS  
PROUDLY PRESENTED TO

# SLIMANI Nabil

We have the honor to present this certificate to: SLIMANI Nabil  
for his participation in the national webinar: "IA, SIG et Télédétection : Des Outils d'Aide  
à la Gestion Environnementale et d'Aménagement du Territoire."  
by his oral communication: "Study the change in land uses and measure the Urban Expansion of Setif City  
Using Remote Sensing and GIS Techniques for Decision Support System."

JULY, 13<sup>TH</sup> 2022

WEBINAR PRESIDENT:  
BENHAMROUCHE Aziz



INSTITUTE DIRECTOR:  
MOULLEY CHARAF CHABON

