Personal Information

Name	**Ali Ahmad Abdalla Alananzeh**
Place and date of birth	4 – March - 1959
Faculty	**Faculty of Arts**
Department	**Geography**

Qualifications

Qualification	Specialization	University of donor rank	Date
Ph.D.	Geography	Birmingham University.UK.	1991
MA	Geography	University of Jordan	1987
BA	Geography	University of Jordan	1982

Specialization and domain of interest

Specialization	**hydrogeomorphology**
Domain of interest	**Geomorphological effects, Water and environmental pollution and problems**

Specialization and domain of interest

Title and abstract of the doctoral thesis (within 150 words)
Erosion rates and processes on the River Arrow, Warwickshire, Midlands, U.K.
Abstract

This thesis examines the rates, patterns and processes of river bank erosion on the River Arrow in the period December 1987 – March 1990 (2.25Years). The research emphasis is placed on the influence of hydrometeorological variables on river bank erosion. Attention is focused especially on the direct factors of soil moisture variations, water table fluctuations and weathering processes influencing river bank erosion. The study has been carried out by empirical field work at six sites along the River Arrow, Warwickshire, U.K.

Relatively dense grid networks of erosion pins. Were employed to monitor the actual bank retreat rates. The number of pins was 417. These pins were read on 12877 occasions during the intensive study period (December 1987 – June 1989) and an retreat at erosion sites. Stream flow data was collected from a gauging station on the river. A Stevenson Screen was established to provide temperature and relative humidity data. In addition, a water table level recorder was installed to collect data on water table fluctuations to supplement boreholes data obtained by manual dip meter. Soil moisture variations were recorded by continuous sampling from each site for laboratory determination.

Average rates of erosion for the entire study period varied from 0.131 to 0.325m a-1. A strong seasonality is indicated, typical of other British rivers, with most erosion taking place between December and April. The most intensive erosion seemed to coincide with flow peaks particularly if the banks had been preconditioned by the increase of soil moisture content and the effects of weathering processes.

The results of multiple regression analysis for the intensive study period, suggest that the peak discharge indices explain most of the temporal variations in erosion, e.g. R2 values of 70.7% to 86.5% were obtained for the study sites. Nevertheless, preoperational agents such as soil moisture content variations, water table fluctuations and weathering processes seem to play important roles either directly, by loosening materials and aggregates, or indirectly by preparing bank material for fluvial erosion. The excess of soil moisture content, which resulted from the experimentally raised water table, was observed to cause an increase in erosion rates. In addition, mass failure processes also appear to be important.

Career Experience

Job Title	Place of work	Date
Teacher	Ministry of Education - Jordan	1982-1984
Assistant professor	Mu'tah University	1991 – 1996.
Associate Professor	Mu'tah University	1999 – 2003.
Associate Professor	University of Bahrain	2003 – 2007.

Full Professor	Mu'tah University	2007 – 2010.
Member of parliament	Parliament of Jordan	2010 – 2012.
Full Professor	University of Jordan	2013 Till now

Administrative works and committees

Administrative work and committee	Date
Chairman, Department of Geography, Mu'tah University	1996- 1999.
Vice Dean of student affairs, Mu'tah University	1999-2000
Dean of student affairs, Mu'tah University	2000-2001
Dean of the College of Educational Sciences and Arts / UNRWA / United Nations / Jordan (acting as the University President)	2014-2017
Member of the Philadelphia University Board of Trustees Sciences, Saudi Arabia,	2019 till now
Member of the Editorial Board of Umm Al-Qura University Journal / Social	2020 till now

Recent Publications within last five years

Name of researcher	Research title, Publisher, Date
Ali Alananzeh and Ibtisam Marie	Environmental Impact Assessment of Al-Akaider Dump of Waste disposal (Environmental Case Study). Accepted for publication in Al Manara for research and studies, Al al-Bayt University

Odai Jlabneh and Ali Alananzeh	Morphometric analysis of Kufranjeh and Rajab basins in Ajloun Governorate using geographic information systems (GIS). accepted for publication in Jarash for research and studies, Jarash University, 2021.
Shefa' Alherebat and Ali Alananzeh	Assessment of the geomorphol effects of human activity in Ru District, Jordan. accepted for publ in Dirasat, Human and social scinces,
Gazi Alsarhan, Ali Alananzeh, Samer Alnawisah.	Analysis of the Flood Hazad Selected Sample of the Nor Valley Basins in Jordan based c Morphometric Matrix Var accepted for publication in Jaras research and studies, Jarash Univ 2021.
Mohamed Qoqazeh, Ali Alananzeh, Omar Remawee and	Analysis of the seasonal hadrochemical properties and karst dissolution (spring, summer) of spring water in Ajloun Governorate, accepted for publication in An-Najah University Journal for Research, Humanities, 2020.
Mohamed Qoqazeh, Ali Alananzeh	Geomorphology of the karst caves in Ajloun Governorate, accepted for publication in the Journal of the Association of Arab Universities for Colleges Arts, NO.1, VOL 17, 2020.
Ali Alananzeh and Mohamed Qoqazeh	Estimating the degrees of karst dissolution of spring water in the Ajloun region, Dirasat: Human and Social Sciences, Vol47, No3, 2020

Ali Alananzeh	Geomorphological and hydrological changes as a result of the urban expansion of Karak in Jordan from the point of view of the local population, International Journal of Environment and Water Resources, Volume VIII, Issue 2, 2019

Scientific conferences and symposia

Conference Title	Place and date of conference	Type of participation
Artificial recharge of undergro und water.	Jordan, 1997.	Attendance
Higher Educatio n in Jordan	Mu'tah Univ. Jordan, 1998.	Key speaker
Arab Geograp hers union Conferen ce	Baghdad, Iraq, 2001.	paper
Water and the environ ment	Morocco, Morocco, 2012.	paper
Water and the environ ment	Geneva, swiss, 2013	paper
Recent Geograp hy	University of Jordan,2019	paper

Training courses

Name of course	Date
ElA activities, Jordan.	1977
GIS usage, Mu'tah University, Jordan	2007and 2008.

Teaching activities

Taught Courses	Bachelor	Graduate
Principles of Geography	❑	
Principles of Geomorphology	❑	
Water Resources	❑	
Maps Principles	❑	
Geomorphological processes		❑
Environmental Impact Assessment		❑
Environmental problems		❑
Geomorphology of water basins		❑
Philosophy of Geography		❑

Membership in scientific and professional bodies and societies

Name and place of scientific body and society	Date
International Geomorphological Union. London.UK	1991 till now
Arab Geographers union. Bagdad, Iraq	2000
British Geomorphological research group. London.UK	1991 till now

Jordanian Society of desertification.	1991 till now
Jordanian society of environmental protection.	1991 till now
Member of the Editorial Board of Umm Al-Qura University Journal / Social Sciences, Saudi Arabia,	2020 till now
Geographical Environmental Society.	2021 till now