السيرة الذاتية

١. المعلومات الشخصية	
الاسم	محمود محمد نهار حيلن
الجنسية	أردني
معلومات الاتصال	Department of Mathematics. College of Sciences Taibah University, Al-Madinah Al-Munawarh KSA e-mail: mhelan 2mutah .edu .jo mahmoud_helan@yahoo.com Tel. 00 966 567470840 / 00 962 79 7145055

٢. المؤهلات العلمية				
	الجامعة	السنة	الدولة	التخصص
البكالوريوس	اليرموك	**1984**	الاردن	الاحصاء
الماجستير	اليرموك	**1986**	الاردن	الاحصاء
الدكتوراه	ويلز	**1996**	**UK**	الاحصاء

3.Research and Teaching Interests

Statistics

Introduction to the Probability and Statistics, Probability Theory I and II Mathematical Statistics, Advanced Mathematical Statistics, Time Series Analysis, Quantitative Methods and Data Analysis, Operation Research I and II, Experimental Designs, Sampling Theory, Bio-statistics for the Medicine College, Calculus I, II, and III, Linear and Multiple Regression Model, Linear algebra, Multivariate Analysis, Stochastic Process, Survival Analysis, Reliability Analysis, **Discrete Mathematics for Computer Sciences**, Data Analysis SPSS, MINTAB, TSB, MATLAB, ICDL, and SAS Packages.

4.Publication

A. Books

None

B. Articles

Title	journal	Date	Vol. & No.	Pages
The Incremental	Journal of Business	**1997**	Vol.24, No.7,8	

Information Content of Accruals: Evidence based on the exponential Smoothing of Levels and Trends in Earnings, Funds Flow, and cash Flow.	Finance.			
An Aligned rank transformation Test in Randomized Complete Block Designs	Mu'tah Lil-Buhuth Wad-Dirasat.	**1998**	Vol. 13, No. 2,	
Modeling and Forecasting the exchange rate of Jordanian Dinar Versus Four of the Major international Currencies.	Mu'tah Lil-Buhuth Wad-Dirasat.	2001.	Vol. 16, No. 1,	
Comparison of the Time Series and Regressions Models for Forecasting Mu'tah University Restaurant Sales	Al-Manarh, Al al-Bayt University	**1999**	Vol. 4 No.2	
Asymmetric GARCH Models For Jordanian Stock Returns.	Abhath Al-Yarmouk Journal for Pure Science and Engineering Series.	**2002**	Vol.22, No,4	

Small Sample Properties of the Maximum Likelihood Estimation of ARFIMA Model	Mu’tah Lil-Buhuth Wad-Dirasat.	**2002**	Vol. 17, No. 2,	
Forecast Performance of ARFIMA models	Mu’tah Lil-Buhuth Wad-Dirasat.	**2003**	Vol. 18, No. 2,	
Forecast performance of Asymmetric GARCH models	Mu’tah Lil-Buhuth Wad-Dirasat.	**2005**	Vol. 20, No. 1,	
Volatility Forecasting with Long Memory: Evidence from Jordan Stock Market.	Mu’tah Lil-Buhuth Wad-Dirasat.	**2006**	Vol. 21, No. 1,	
A comparison of GARCH with ANN model for Forecasting Stock Index Returns.	Mu’tah Lil-Buhuth Wad-Dirasat.	**2007**	Vol. 22, No. 3	
Modeling and Forecasting Volatility of Returns on the Jordanian Stock Index using GARCH Models	Mu’tah Lil-Buhuth Wad-Dirasat.	**2008**	Vol. 23, No. 4,	
Long Memory Estimation of	Mu’tah Lil-Buhuth Wad-	**2009**	Vol. 24, No. 3,	

FIGARCH Model	Dirasat.			
Performance of the FIGARCH model comparisons with NN: Simulation Study	Abhath Al-Yarmouk Journal for Pure Science and Engineering Series.	2011	Vol.31, No,2	
Artificial Neural Networks Models for Forecasting Inflation Rate of Kingdom Saudi Arabia (KSA)	European Journal of Scientific Research	**2012**	Volume 92 Issue 1,	
The Busy Period of an M/M/1 Queue with Balking and Reneging	Applied Mathematical Modeling	2013	Volume 37,	, pp.9223-9229
A continued Fraction Approach for the Transient Solution of an M/M/c Queue with Balking and Reneging	Applied Mathematical Modeling (in Press)			

5.Patents
None