

# Dr. Taghreed Hamdi Aljohani

Urban planning  
Geographic information system (GIS)  
Remote sensing (RS)

**LinkedIn** /in/TagreedAljohani

+966583182000

Taghreed1402@hotmail.com

## Softwares



## Interesses

Urban and rural planning

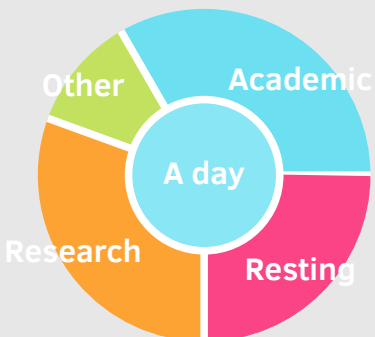
Knowledge Cities

Land use

Applications of GIS and RS

Smart cities and their applications

## A day of my life



## Education

2011 - 2015  
(Distinction) **PhD in Planning and Regional Development** King Saud University  
Analysis of the problems of urban growth in the city of the cradle of gold during the period 1972-2013 by the application of models and equations of spatial analysis using GIS and remote sensing RS

2007 - 2010  
(Distinction) **MSc in Geography Services** Taibah University  
Evaluation of the efficiency of spatial distribution of civil defense centers in Madinah by applying the speed of response to fire incidents using geographic information systems GIS and proposing optimal locations for services based on local and international standards

2002 - 2006  
(Distinction) **BSc in Geography** Taibah University  
Graduation projet: GIS applications in the analysis of the risks of floods on Madina by applying to Wadi al-Aqiq

## Experince

2017 - 2018 **Deputy manger of GIS Unit and Remote Sensing** Taibah University

2017 - 2018 **Deputy manager of Department of Geography and Geographic Information Systems** Taibah University

2016 - 2018 **Rapporteur of the Laboratory Committee of the Division of Maps and Geographic Information Systems** Taibah University

2014 - 2017 **GIS-RS Trainer** The Saudi Geographical Society

2018 - 2018 **Member of the team preparing the strategic plan for the Faculty of Arts and Humanities** Taibah University

2016 - 2018 **Member of the Board of Directors** The Saudi Geographical Society

## Courses

- Advanced GIS course including on-line courses.
- ERDAS Imagine program.
- Advanced statistical analysis using the SPSS program.
- SWOT Strategic Analysis.
- Database design with MS Access.
- English courses.

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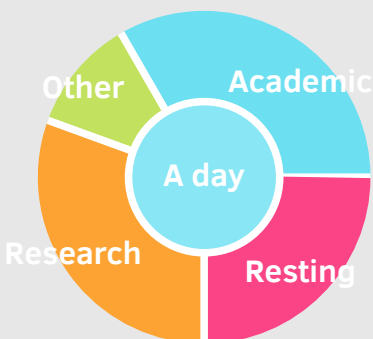
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## Memberships

- The Geographical Society of the Gulf Cooperation Council Countries.
- The Board of Directors of the Saudi Geographical Society and supervisor of the Cultural and Information Committee.
- Chairman of the specialized group population and construction of the Saudi Geographical Society.
- The Society of Urban Sciences.
- The Association of Real Estate Sciences.
- The Society of Earth Sciences.
- The Egyptian Geographical Society.
- Taibah Charity Association.

## Conferences and workshops

- The Open Source GIS Workshop The 11th GIS Forum in the Kingdom of Saudi Arabia
- The Insight for ArcGIS and ESRI Arc GIS 10.5 Technology Update
- Knowledge Cities Symposium organized by the Municipality of Medina with the Institute for Urban Development.
- Symposium on environmental pollutants organized by the University of Taiba in cooperation with the Secretariat of Medina.
- Workshops ERDAS Imagine NEW Space Research Institute of King Abdulaziz City for Science and Technology.
- The Third World Conference on Urban Environment, 2012, "Climate Change and the Role of Cities", 19-21 / 1434H.
- Workshops of the mechanisms of implementation of the field study within the work of the geographical axis of the chair of the Journal of the recent studies of the University of Princess Noura bint Abdul Rahman.
- The Scientific Research and Publishing Forum organized by the Research Center at the University Studies Center for Girls - Humanitarian Departments, King Saud University.
- Participated at the International Geographical Conference "Geography and Contemporary Global Changes" organized by the University of Taiba, held from 20-23 / 5 / 1434H.
- Symposium on the social effects of urban expansion in Medina - organized by the Secretariat of Medina in cooperation with the Arab Institute for the development of cities coinciding with the choice of the city as the capital of Islamic culture 1434 e.
- The fourth scientific meeting of the Geographical Society of the Gulf Cooperation Council countries "Geography and the GCC: Prospects and interests" during the period from 7-10 / 0/1435 e.
- Panel discussion: demographic and urban changes in Medina organized by the Saudi Geographical Society on the occasion of the selection of Medina as the capital of Islamic culture on 24/3/1434 e.
- The General Assembly (31) of the Saudi Geographical Society and the accompanying annual scientific meeting: water and the future of agriculture in Al-Jawf Region 19-21 Jumada Al-Awal 1436 (10-12 March 2015) Al-Jouf University and participation in a paper entitled "The role of knowledge economy in supporting agricultural development - Al-Jouf Region Case Study "using GIS technology and a review of global practices in agricultural development.

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- Preparation of a study entitled "Assessment of the efficiency of land uses in the city of the cradle of gold using GIS" published in the Yearbook of the Faculty of Arts, University of Menoufia.
- Preparation of a study entitled "Planning and management of cultural heritage sites in Madinah using Geographic Information Systems GIS presented at the First Archaeological Forum in the Kingdom of Saudi Arabia.
- Workshop of Hurrites and Volcanic Risks in Madinah. Organized by Geological Risk Research Center, King Abdul Aziz University, held at Taibah University during the period 22-23 / 7 / 1438H.
- The fourth Saudi conference and exhibitions organized by the General Authority for Tourism and National Heritage held at the Meridian Hotel in the city during the period 22-24 / 4/2017.
- The sustainability indicators workshop in the management of exhibitions and conferences organization using the performance measurement card provided by the General Authority for Tourism and National Heritage within the framework of the 4th Saudi Conference and Exhibition Forum.
- Introducing GIS course for beginners in cooperation with the Saudi Geographic Society.
- Advanced GIS course in collaboration with the Saudi Geographical Society.
- The 11th Forum of Geographical Information Systems in Saudi Arabia organized by Imam Abdul Rahman Al Faisal University, which was held at the Sheraton Hotel in Khobar during the period from 11-14 / 4/2017 AD
- The Open Source GIS Workshop, the 11th GIS Forum in Saudi Arabia
- Insight for ArcGIS and ESRI Arc GIS 10.5 Technology Update
- Workshop of the regional workshop on "The Arab Gulf Basin Environment, Issues and Solutions", Saudi Geographical Society in cooperation with the Department of Geography, Imam Abdul Rahman Al Faisal University in Dammam.
- Participated in the first Urban Planning Forum organized by the Ministry of Municipal and Rural Affairs held in Riyadh King Faisal Hall for Conferences during the period from 29-31-3-2016.
- The evening cultural entitled Roadmap towards sustainable institutional excellence organized by the Saudi Association for Quality Madinah under the auspices of His Excellency the Director of the University of Taiba on 1/7/1438.
- The General Assembly (33) of the Saudi Geographical Society and the accompanying annual scientific meeting: Rural Development in the Kingdom of Saudi Arabia in the province of Ghat 25-26 Jumada I 1438 (22-23 March 2017).
- Workshop on University Plan for National Transition 2030 organized by the University of Taibah on 24-8-1437 AH
- The workshop of performance indicators and reference comparisons organized by the Deanship of University Development during the period from 9-10 / 4 / 1439H.
- Workshop of the outputs of education programs and decisions design and measurement during the period from 16-17 / 4/1439 e.
- Workshop of the establishment of tables using the program of academic tables Organization of the Deanship of University Development 16-6-1439.
- Workshop of the project development project for modeling and simulation of floods in Madinah.