



Republic of Iraq
Ministry of Higher Education and
Scientific Research
University of Basrah
College of Arts
Quality Assurance and
Performance Evaluation Division

Self-Assessment Report Form for Scientific Departments

The Academic Year 2021-2020

**Department of Geography and Geographical
Information Systems**



Vision

Scaffolding the practical scientific level in the corresponding research via studying the phenomena starting from the part to the whole. This is done through the senses or using intuition and verifying the truth of such predictions by using new technology. Using the lab is followed to achieve the best scientific results for scientific competitiveness in fulfilling the scientific research projects for researchers and postgraduates. These involve treating the openness towards the efficient cadre to ensure excellent vocational performance and collaborating with the other governmental institutions in a way that ensures a perfect performance.

Organizing monthly symposiums dealing with the economic, planning, and developmental issues in the province in particular and in Iraq in general.

The department of geography is considered as a consultative bureau to prepare lots of practical studies when local projects are intended to be done. It is the nucleus for a scientific center within developmental field and on both regional and urban levels and activating the studies related to the urban and natural environment.

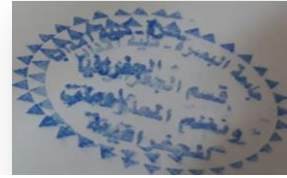
Goals

Putting practical studies whose results are beneficial in planning and evaluating social services sectors, infrastructure services, population services, and need assessment according to sound planning and their future horizons plus identifying their patterns of spatial distribution. This can be done by utilizing geographic information systems (GIS) due to its concise outputs, easiness of achievement and the degree of its relatedness to population distribution and architectural extension.

Conducting the accredited practical research, studies and projects related to planning and developing natural, human, economic, and ecological resources plus making spatial and digital data bases.

Preparing objective maps for the planning and population problems by adopting the space visible and the possibility of identifying the location of each service by using Global Positioning System (GPS).

Scaffolding the scientific level and giving educational courses to train academic cadre able to manage developmental and planning projects plus developing the scientific level for the department of geography and shifting its interest from the theoretical into the practical side, which makes its graduates benefit the governmental departments interested in this specialization.



Graduating specialists in the fields of ecological and architectural planning, sustained development, climate, studying earth shapes, population, area and maps, transport and communication, tourism, GIS, remote sensing, general contributing in planning and implementing developmental programs and planning in Iraq.

Building updatable data base by using the ecological and the architectural GIS, which is automatically connected to the features on the map and analyzing the statistical data to give detailed information for decision makers in planning field.

Issuing a series of research and studies related to water resources in the province and others related to ecology and development signs in Iraq.

Holding symposiums and conferences nationally and internationally plus publishing research papers in international journals.

Building geographic data bases that are digital, general, natural, human, and economic, which contribute facilitating decision making especially for planners, strategists, and decision makers whether it is architectural, service, security, ecological and natural resources. Thus these contribute to making sound decisions to achieve projects by identifying feasibility and economic benefit on one side and identifying locations that need such projects and services in reality.

Contributing in treating what the country suffers from in general and Basra and the south area in particular especially in making multi - purpose topographic screen.

Building digital, spatial geographic information data that contribute in facilitating decision making especially for planners and decision makers.

Maintaining the scientific, field, and practical side in geographic studies in that the earth is the first field for geography through the field and scientific journeys and utilizing the devices, drawing labs, and the labs in the department.

Utilizing quantitative, arithmetic, statistical, and natural studies to develop the science of geography in a way matching the international progress in the field of geographic studies.

Introducing the science of geography in its modern form, which is based on induction, analyzing, explaining the existence and distribution of geographic phenomena and predicting of the geographic phenomenon.

Training students on using the modern methods in Geography such as the quantitative approaches, GIS, and remote sensing.

Graduating students of limited specializations who are able to actively contribute in maintaining the environment and evaluating its human and natural potentialities via working in jobs related to their exact specialization.

Providing qualified human cadre like teachers and technicians.

Giving educational courses in GIS and remote sensing for geography teachers and postgraduates in the Iraqi universities and those interested in applying these techniques in the government departments.



Encouraging students to contribute in the scientific, social and cultural activities and holding weekly meetings with them to identify their problems, needs, and projects and urging them commit to their work.

The Strategic Goals

- 1-The ability to be creative and innovative by preparing efficient outputs that are suitable to the needs of the labor market.
- 2-Providing state institutions with good teaching staff and service institutions.
- 3-Providing assistance and advice to service institutions and addressing community issues.

The Faculty Members at the Department:

No	scientific title	Name	Specialization	Sub Specialization	Notes
1	Assistant Professor	Hameed Atiyah Abdul Hussein Al-Jurani	Geography	Industrial and Development Geography	Head of The Department
2	Professor	Abdullah Salim Abdullah	Geography	Desertification	
3	Professor	Basim Abdul Aziz Omar	Geography	Population Geography	
4	Professor	Nemeer Netheer Murad Al- Khayyat	Geography	Geomorphology	
5	Professor	Amaal Salih Aboud Al ka'bi	Geography	Medical Geography	Postgraduate Studies Rapporteur
6	Assistant Professor	Mohammed abdul Wahab Hasan al Asadi	Geography	Geomorphology	
7	Professor	Nasr Abdul Sajjad Abdul Hassan	Geography	Soil Geography	
8	Professor	Adnan Enad Ghyvadh Al Ogaili	Geography	Population Geography	
9	Assistant Professor	Najam Abdulla Raheem Al Abdulla	Geography	Soil Geography	
10	Assistant Professor	Shukri Ibraheem Tahir Al Hasan	Geography	Ecological Pollution	



11	Assistant Professor	Usamah Esmail Othman Mal Allah	Geography	City Geography	Rapporteur of the Department
12	Assistant Professor	Salman Maghamis Abboud	Geography	City Geography	
13	Assistant Professor	Suroor Abdul Ameer Hamzah al Baahili	Geography	Ecology Problems	
14	Assistant Professor	Abdul Razzag Raheem Sallal Al Mouhi	Islamic Science	Fiqh	
15	Assistant Professor	Abdul Rahman Ali Abdul Rahman Al Jadir	Geography	Political Geography	
16	Assistant Professor	Khadeejah Abdul Zahraa Hussein Ali	Geography	Computerized Information systems	
17	Assistant Professor	Adil Abdul Ameer Abood Al Hilfi	Geography	City Geography	
18	Assistant Professor	Ahmed Mays Sadkhan Al-Khafaji	Geography	Ecological changes	
19	Assistant Professor	Rashid Abid Rashid Al Shuraifi	Geography	Industrial Geography	
20	Assistant Professor	Huda Khalid Sha'ban Mousa	Geography	Regional Geography	
21	Lecturer	Kefaya Mathkur Shalash	Arabic	Linguistics and Grammar	
22	Lecturer	Salim Jasim Salman Magtoof	Geography	Geography and Ecology	
23	Assistant Professor	Amir Mahmoud Abdul Kareem al Fahad	Geography	Geomorphology	
24	Lecturer	Huda Dawood Najim Shibli	Geography	Population Geography	
25	Lecturer	Nadia Nouri Ali al Khaz'ali	Geography	Geography Thinking	
26	Lecturer	Rabab Abdul Majeed Hameed Al Gaswaani	Geography	Maps and Information Systems	
27	Lecturer	Firas Sami Abdul Azeez Al-Qatrani	Geography	Human Geography	
28	Assistant Lecturer	Jasim Jabbar Ajeel Ibrahim	Geology	Geochemistry	



29	Assistant Lecturer	Suaad Abdulla Fadheeh Jabr	Geography	Agricultural Geography	
30	Assistant Lecturer	Khulud Kadhim Khalaf	Geography	Water Resources	
31	Assistant Lecturer	Mohammed Khudhair Salman Al Ali	Geography	Social Geography	
32	Assistant Lecturer	Hala Mahmoud Shakir	Geography	Agricultural Geography	
33	Assistant Lecturer	Ibtihal shakir Majeed	Geography	Ecological Geography	
34	Assistant Lecturer	Basheer Abdul Muttalib	Computer Sciences	Science	

- 1-Department structure - the number of teaching staff to the number of students ratio. **Not matching**
- 2-Experience of the teaching staff in the field of teaching and scientific research. **good**
- 3-Teaching staff ethics. **good**
- 4-Commitment of teaching staff to office hours in following up students and scientific research. **Good**
- 5-The development of scientific research and the writing of books: not only for scientific promotions. **Good**

Analysis:

Strengths

The strengths can be summarized as follows:

- 1-The department has been characterized by writing a large number of books of various geographical specializations.
- 2-The department held a good number of scientific symposia with the participation of various official bodies from inside and outside the educational institution.
- 3- Most of the teaching staff adopt updated, applied, and developed curricula in line with international universities.
- 4- High success rates for students of undergraduate studies, and this is indicated by the table of success rates in the Student Affairs axis.
- 5-Most of the specializations in the department are from those who study postgraduate studies within the sub-specialization.
- 6-The department was precise in forming its scientific, applied, and social committees...etc, to serve the department and perform its precise tasks.



7-The number of postgraduate students is suitable to the teaching staff in the department, their scientific titles, and their sub-specializations.

8-The teaching staff's rooms have heating and cooling equipment and computers.

9-The workers make their best efforts to clean all the rooms and bathrooms of the department to maintain their cleanliness.

10-The department care about following up on the cleanliness of the department by providing the workers with detergents and rubbish bins from time to time.

11-The department has held some scientific trips for students of undergraduate and postgraduate studies, which are aimed at developing the scientific aspect of their specialization and scientific levels.

Weaknesses

1- Variation in some specializations and an increase in other specializations.

2- The lack of a balance between the number of hours of supervision for students of undergraduate and postgraduate studies and the number of the teaching staff at the department, which indicates the lack of teaching staff and the department's need for some specializations, which is a heavy burden on the teaching staff and the level of students.

3- The numbers of the teaching staff and the numbers of students in some academic stages are not compatible.

4-Lack of research accepted for publication.

5- There are only three researches in progress, and the percentages of their completion have not been determined, and this did not match the number of the teaching staff in the department.

6- Weakness in holding seminars compared to the preparation of the teaching staff at the department and the failure to implement the other ones due to lack of time because of the large number of official and unofficial holidays, as well as the suspension of study for two months due to the central semester exams.

7- Low scientific level for postgraduate students.

8- The participation of professors in development and training courses was very little compared to their number, to develop them and raise their scientific level following the mechanisms of solid academic education.

9- There is no balance between the numbers of postgraduate students and those who graduate. It was found by dividing the number of undergraduate studies students / the fourth stage (morning studies) by the number of the teaching staff that there are some students outside the scope of the supervision plan.

10- A shortage of offices for the teaching staff.

11-Lack of modern educational technology to raise the educational level, including the Internet, audio-visual display devices, and CDs related to the department's specializations.



12- Although there are two laboratories (for the environment and the GIS), they lack the standards for classifying the quality of educational laboratories, as well as their lack of the most basic laboratory safety requirements, especially the environmental research laboratory.

13-The department's library lacks books in geographical specializations, modern library techniques, and advanced and modern electronic books.

14-The lack of suitable service requirements in the facilities and parts of the department, since the old building is not suitable for being a scientific department like the rest of the corresponding departments in the rest of the universities.

Opportunities

1- Developing applied geographical studies that serve the community and seek to solve social problems.

2- Developing systems software that serves geography as its most developmental means.

Threats

1- Establishing multiple laboratories in the field of GIS related to soil and other things that are compatible with the requirements of the department.

2- Sending the teaching staff abroad to keep pace with development.

Students

- **Undergraduate studies:** in terms of

1- Number of accepted students - for the admission plan. **Not matching (the required number is 125 students) and the number of accepted students is more than double the number.**

2- Acceptance rates **(60 and above)**

3- Taking failed subjects to the next stage **(existing for those who fail two subjects according to the Ministry's instructions)**

4- The third round **(available according to the Ministry's instructions)**

5- Returning to the annual system **(applied from the academic year 2019-2020)**

- Postgraduate Studies: in terms of:

1- The teaching staff

-Experience of the teaching staff in the field of teaching and scientific research. **good**

-Using modern and advanced scientific sources. **good**

-Certificate - Academic title. **(PhD and MA / Professor and Assistant Professor)**

2- Postgraduate students:



- Acceptance fields. (natural geography, human geography)
- The number of accepted students to the number of the teaching staff in terms of experience, certificate and scientific title. compatible
 - The planned number of admission (4 master - 4 Ph.D).
 - 1- The number of accepted students (Masters 14 students) (5 natural - 9 human), (curricula 8 subjects per semester).
 - 2- The number of accepted students (PhD 3 students) (1 natural - 2 human), (the curriculum is 8 subjects per semester).
 - Building an independent library for postgraduate studies equipped with modern scientific resources and an internet network. (Only a library without a internet).

The Teaching Staff of Postgraduate Studies 2019-2020

Dr.Amaal Salih Aboud Al ka'bi
Dr.Basim Abdul Aziz Omar
Dr.Abdullah Salim Abdullah
Dr. Shakir Badir Abdullah
Dr.Adnan Enad Ghyyadh Al Ogaili
Dr.Nemeer Netheer Murad Al-Khayyat
Dr.Mohammed abdul Wahab Hasan al Asadi
Dr.Hameed Atiyyah Abdul Hussein Al-Jurani
Dr.Najam Abdulla Raheem Al Abdulla
Dr. Usamah Esmail Othman Mal Allah
Dr.Salman Maghamis Abboud
Dr.Rashid Abid Rashid Al Shuraifi
Dr.Shukri Ibraheem Tahir Al Hasan
Dr.Abdul Rahman Ali Abdul Rahman Al Jadir
Dr. Adil Abdul Ameer Abood Al Hilfi

- Curriculum development:** in terms of
- 1-The percentage of modernization of academic subjects in line with scientific development and the labor market. Good
 - 2-Adopting the English language in the curricula for all levels. Yes, the English language is adopted in teaching some curricula and at all levels
 - 3-Relying on modern curricula. good
 - 4-Number of available free textbooks to the number of students ratio. Incompatible
 - 5-Teaching computer subject (theoretical - practical) by specialized teaching staff (computer science) and based on modern curricula in line with scientific development. Taught by computer professionals.



6-Providing computer laboratories with capacity and modern technology, and a number of computers to suit the number of students. **There is a laboratory, but it is not suitable for the number of students.**

7-Focusing on teaching some subjects practically and theoretically to benefit the student in the labor market after graduation. **available**

8-Implementation of academic courses instead of the annual system. **Yes**

-The Written Scientific Research

No.	Name and Scientific Title	Research Title	Publisher
1	Prof.Dr. Basim Abdul Aziz Omar	A geographical analysis of the incoming workforce to the city of Basrah characteristics and effects	Geographical messages - one of the publications of the Research and Translation Unit
	Lect. Huda Dawood Najim Shibli		
2	Asst. Prof. Dr. Abdul Rahman Ali Abdul Rahman Al Jadir	The spatial mobility of the capital of the Abbasid state	Uruk Journal for Humanities
3	Asst. Prof. Dr. Abdul Rahman Ali Abdul Rahman Al Jadir	The problem of geopolitical studies in geographical research.	Hawlyat Al-Montada
4	Asst. Prof. Dr. Shukri Ibraheem Tahir Al Hasan	Spatial modeling of traffic noise pollution levels in Basrah city	Basrah Studies Journal
	Asst. Prof. Khadeejah Abdul Zahraa Hussein Ali		
5	Prof.Dr. Amaal Salih Aboud Al ka'bi	Bacteriological evaluation of the efficiency of water used in the residential neighborhoods of Al-Qurna	The Arabian Gulf
	Asst. Lect. Ali Mustafa		
6	Prof.Dr. Amaal Salih Aboud Al ka'bi	Factors affecting environmental degradation in the city of Al-Zubair	Hawlyat Al-Montada
	Researcher Hussain Kamil		
7	Asst.Prof Dr. Usamah Esmail Othman Mal Allah	Siba district, a study in development planning	Hawlyat Al-Montada
	Researcher Wajdi Lafta Ali		
8	Asst.Prof Dr. Mohammed Abdul Wahab Hasan al Asadi	The best projection of qualitative and quantitative data using remote sensing and GIS	Hawlyat Al-Montada
	Lect. Rabab Abdul Majeed Hameed Al Gaswaani		
9	Asst.Prof Dr. Hameed Atiyah Abdul Hussein Al-Jurani	The electric power industry in Maysan Governorate for the period (2007-2017)	Journal of the College of Education for Human Sciences - Dhi Qar



	Asst.Lect. Sadiq Ali Saeed		University
10	Asst.Prof Dr. Adil Abdul Ameer Abood Al Hilfi	Urban expansion and its effects on agricultural lands in Iraq. Abi Al-Khasib district as a model	Uruk Journal for Humanities
11	Asst.Prof Dr. Shukri Ibraheem Tahir Al Hasan	A study of the concentrations of total dissolved salts and turbidity of liquefied water in Dhi Qar Governorate	Dhi Qar University Journal
12	Asst.Prof Dr. Abdul Rahman Ali Abdul Rahman Al Jadir	The strategic importance of the BRICS group of countries	Al-Mustansiriya Center for Arab and International Studies
13	Asst.Prof Dr. Abdul Razzaq Raheem Sallal Al Mouhi	Modernity in Contemporary Islamic Thought and the Challenges of the Age, a Criticism of Western Thought in the Thought of Dr. Abdel Wahhab EI-Mesiri	Hawlyat Al-Montada
14	Prof.Dr. Amaal Salih Aboud Al ka'bi	Analysis of the reality of housing patterns in the urban environment of the Iraqi city of Al-Qurna	Al-Hadatha
	Asst. Lect. Ali Al-Sabeeh		
15	Asst.Prof Dr. Salman Maghamis Abboud	Functional changes of land uses in the central business district in the city of Basrah for the period 2000-2017	Hawlyat Al-Montada
	Researcher Hiba Abbas		
16	Lect. Dr. Firas Sami Abdul Azeez Al- Qatrani	Residential Regions in the City of Al Zubair(Iraq)	Al-Qadisiyah Journal for Humanities
17	Asst.Prof Dr. Hameed Atiyyah Abdul Hussein Al-Jurani	A geographical analysis of the extractive industries in Maysan Governorate for the period (2010-2016)	Maysan Research Journal
18	Asst.Prof Dr.Salman Maghamis Abboud	The reality of the land transport movement in the governorate	Hawlyat Al-Montada
	Prof. Dr. Abdul Rahman Jari		
19	Asst.Prof. Khadeejah Abdul Zahraa Hussein Ali	The Integration between Fuzzy logic and geographic Information Systems for Urban Planning Evaluation of Entertainment Land Use in Basra City	IGI Global eEditorial Discovery
20	Asst.Prof Dr. Ahmed Mays Sadkhan Al-Khafaji	Noise pollution and its impact on human health (a field study of the reality of the city of Basra)	Basrah and Arab Gulf Studies Center



Scientific seminars and conferences

The department pursued to participate in seminars, conferences, and training programs that are held inside and outside the university and according to the scientific disciplines that the department seeks to develop through that participation.

Scientific Seminars 2019-2020

No	Title	Number of Participated Research
1	The dangerous repercussions of fluctuating water revenue in the rivers of Basrah	7
2	Pollution of the aquatic environment in Basrah Governorate	9
3	Industrial activity and energy in Basrah Governorate	6
4	Shanasheel of Basrah, a study in the geography of tourism	3
5	Development and planning in Basrah	2

External Participations

No.	Name	The Program
1	Mohammed Abdul Wahab Hasan al Asadi	Special training program in the field of modern management (modern management - the art of meetings - the art of writing reports)
2	Mohammed Abdul Wahab Hasan al Asadi	Desertification and Information Systems - GIS
3	Mohammed Abdul Wahab Hasan al Asadi	The Fifth International Forum for Scientific Research / Antalya - Turkey
4	Amir Mahmoud Abdul Kareem al Fahad	The Fifth International Forum for Scientific Research / Antalya - Turkey
5	Khadeejah Abdul Zahraa Hussein Ali	Desertification and Information Systems - GIS

During the academic year 2019-2020, the department witnessed the discussion of (7) doctoral thesis and (14) master's thesis.

Also, (206) graduation papers for students of the fourth stage of morning study were discussed.

Fifth - Service Requirements: in terms of



1-Classrooms and their suitability for teaching (cleanliness - lighting - classroom seats - availability of air fans and air conditioners - windows and curtains - classroom doors). **good**

2-Modernizing and expanding the classrooms according to the latest specifications and providing them with all modern technologies that serve the teaching process. **Not suitable because the classrooms are not equipped with screens and display devices that facilitate the process of teaching and understanding many scientific subjects.**

3-The offices of the faculty members in terms of (cleanliness - lighting - air conditioners - modern furniture - computers - the Internet). **quite suitable**

4-Bathrooms: in terms of (number - cleanliness - water availability). **good**

5-Availability of potable water coolers. **Not available**

The Employees at the Department 2019-2020

Name	Certificate
Fatima Ali Ghani	Bachelor of Arts
Zuhair Ghazi Awad	Bachelor of Science
Emad Abdul Aziz Qadour	Technical Diploma
Osama Qadouri Hadi	Bachelor of Arts

The Department Needs of Staff

1-The Department Needs of Teaching Staff

Specialization	Number
Climate Geography	2
Transportation Geography	1
Political Geography	1
Water Resources Geography	1
Soil Geography	1

2-The Department Needs of Employees **4**



Numbers of Undergraduate Students 2019-2020

Stage	Morning Studies
First	238
Second	265
Third	206
Fourth	134
Total	863

To facilitate the educational and administrative process at the department, the following committees were formed:

- The Examination Committee
- The Scientific Committee
- The Postgraduate Studies Committee
- The Postgraduate Studies Examination Committee
- The Curricula Committee
- The Educational Supervision Committee
- The Social Committee
- The Plagiarism Committee
- The First Stage Students Interview committee
- The Students Follow-up Committee
- The Seminars and Symposiums Follow-up Committee
- The Visiting Professors Reception Committee
- The Achievement Rates for Postgraduate Students Follow-up Committee
- The Students Absence Follow-up committee
- The Uniform Follow-up Committee



-The percentage of completion of the scientific plan proposals for the year 2019-2020 (90%)

The factors that prevented the complete implementation of the plan :

The scientific plan for the past year was implemented except the scientific trips outside the governorate for students and visiting professors, and that is because of the difficulty of traveling, the lack of capabilities and the professors' commitment to other obligations.

Alternatives Suggestions:

- Providing some special devices for some subjects that need display and analysis devices .
- Providing some modern resources. -Providing classrooms for the department. -Increasing the number of computers, and expanding the computer room to accommodate the number of students.
- The necessity of obligating all teachers to participate in the training courses held by the Departments of English and Translation, as well as the educational courses because of their impact on preparing educationally and psychologically qualified staff, and considering this as one of the main pillars of the annual assessment .
- Establishing a meteorological station that contains devices related to the various elements of the climate .

Number of gifts and awards given to the teaching staff:

Some of the teaching staff received gifts presented by the Dean of the College of Arts for their active participation in the annual conference of the College of Arts. Our department also honored the professors with prizes for their participation in the seminars held by our department, and some professors in our department were honored by the College of Education for Women, Basrah and the Arab Gulf Studies Center and other colleges for their participation in seminars and scientific meetings, as well as the various thanks and appreciation documents from the University Presidency and the Deanship of the College of Arts.