

# **Nile Valley University**

## **Introduction**

The Nile Valley University was established in 1990 in Atbara town in the River Nile state about 300 kilometers north of the capital Khartoum. The University was established on the basis of the Mechanical Engineering College (established in 1971) and the Faculty of Education (established in 1984).

## **Goals of the University**

The Nile Valley University is working to achieve its mission through the following objectives:

1. Asserting and building the identity of the nation.
2. Preparation of a generation capable of learning and exploiting knowledge and techniques to serve the community and resolve issues related to the environment.
3. Interest in theoretical and practical-oriented scientific research relevant to the needs of the community.
4. Attention to issues of human, intellectual, cultural, social and economic development.
5. Achieving academic excellence and leadership in scientific research, according to international standards.
6. interest in self- education, continuing education and distance learning.



The University is always working towards continuous improvement of the University programs and effective contribution to Scientific research and community development. Within this context much work have been done during the last few years in the direction of rehabilitation of lecture theaters, classrooms, workshops, laboratories and students utilities in general, so as to ensure adequate infrastructure which is necessary for the University development. The University is also working for expansion in academic programs and diversity to meet the growing social demands for higher education.



## **Collaboration with other Universities and Institutions**

Academic relations and collaboration with other universities and similar institutions would help very much in the overall development plan of the University. One of the major areas which has a priority is the Staff development and capacity building in different disciplines. Such relations could also include joint research projects which are to be conducted by collaboration of the university staff and corresponding staff from other universities and institutions.

### **Areas of collaboration**

The joint research projects can be directed towards solving real problems facing communities in different fields such as agriculture, water resources energy, community health care and so many other fields.

These would help in development of intellectual and invention capacities of the staff and enhance their innovation abilities. In addition to that, these projects



### **Admission to the University**

The policies of Higher Education in the Sudan, are committed to the principles of equal distribution of opportunities among students due to their abilities of academic competitiveness. Students are admitted to the University according to the admission requirements and regulations approved and announced by the National Council for Higher Education. The number of students admitted to the University every year is about 3700 students.

### **Colleges and Faculties of the University**

The Nile Valley University colleges, centers and units are distributed among the localities of Addamer, Atbara, Berber & Abu-Hamad, as shown in the following tables:

<b>S.N.</b>	<b>Faculty/College</b>	<b>Location</b>
1	Engineering and Technology	Atbara
2	Education	Atbara
3	Medicine	Atbara
4	Economics & Administrative Science	Addamer
5	Islamic & Arabic Science	Berber
6	Teachers' College	Addamer
7	Computer Science	Atbara
8	Agriculture	Darmali
9	Shareaa & Law	Berber
10	Glorious Quran	Addamer
11	Minerals and Geology	Abuhamed
12	College of Graduate Studies	Atbara
13	Technology and Human Development College	Atbara
14	Community Development College	Atbara

In addition the University has central Deanships which serve the University students, These are:

Deanship of Academic Affairs.

Deanship of Students Affairs.

Deanship of Libraries.

### **Centers and Units of the University**

The University consider that Scientific research is necessary for the issue of community development. Since the university lies in a semi- arid zone, the land is drastically affected by desertification, consequently, some research centers have been established to encourage, execute, and supervise research projects about climatic change adaptation and environmental problems in general which badly reduce the income of the inhabitants.

These centers are intended to work and carry out joint research projects in collaboration with organizations inside and outside the Sudan for the sake of community development.

S.N	Centre/Unit	Location
1	Archaeological and Heritage Studies Centre	Addamer
2	Palm Trees Research Centre	Atbara
3	Water Research Centre	Atbara
4	Environment and Rural Development Research Centre	Atbara
5	Information Technology Centre	Atbara
6	Training and Capacity Building Centre	Atbara
7	International Cooperation Directorate	Atbara
8	The University Teaching Hospital	Oummatoyoor
9	Publication and Scientific Research Unit	Atbara
10	Self-Evaluation, Total Quality and Strategic Planning Unit	Addamer
11	Information and Public Relations Unit	Atbara
12	Open and Distance Learning Unit	Atbara

The following table shows some of Research Centers and Units in the University:

The University, has other administrative departments such as:  
Environment Administration.  
Administration of Financial Affairs.  
Internal Audit Unit.  
Administration of Engineering Affairs.  
H.R. and Personnel Administration.  
University Service Administration.  
University Guard Unit.  
Information and Public Relations Unit.  
The University Museum of Archaeology.  
Automobile Maintenance Centre.



## **The Deanship of Academic Affairs**

The Deanship of Academic Affairs is concerned with implementing the goals of the University academic strategic plans, especially in regard to its priorities for excellence of learning, continuous improvement of the academic performance, curricula development ...etc. The Deanship is also concerned with all academic affairs of the University Students starting from registration up to issuing certificates, in accordance with regulations and academic systems approved by the university.

The Deanship of Academic Affairs comprises four departments which are: Admission and Registration, Certificates Issuing, Affairs of members of staff and Information.



## **Deanship of Students Affairs**

The Deanship of Students Affairs provides services to the University students and take care of difficulties facing them in the University. By close coordination and collaboration with the University Colleges, the Deanship of Students Affairs provides required facilities and encourages students to practice and promote their talents, creativity and abilities to serve the community so as to realize the university mission. The university also encourages students societies and stimulates them to practice cultural, social, intellectual and physical/sport activities.





## Deanship of the Libraries



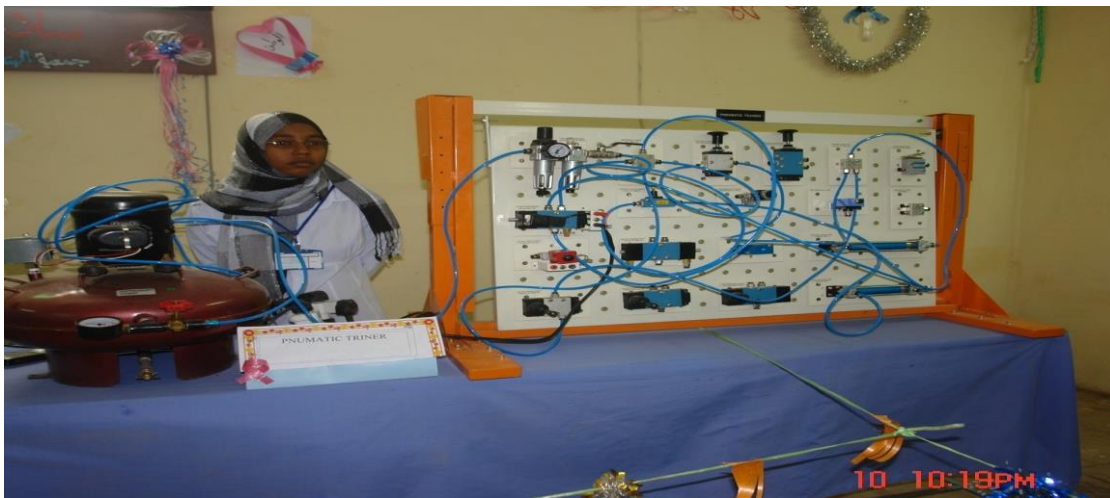
There are twelve branch libraries distributed in the University Colleges. The Deanship of the Libraries supervises and looks after these branch libraries and provides them with up to date references and text books in different disciplines. Also the Deanship of the Libraries provides the Colleges libraries with equipment and packages of software required for electronic library.



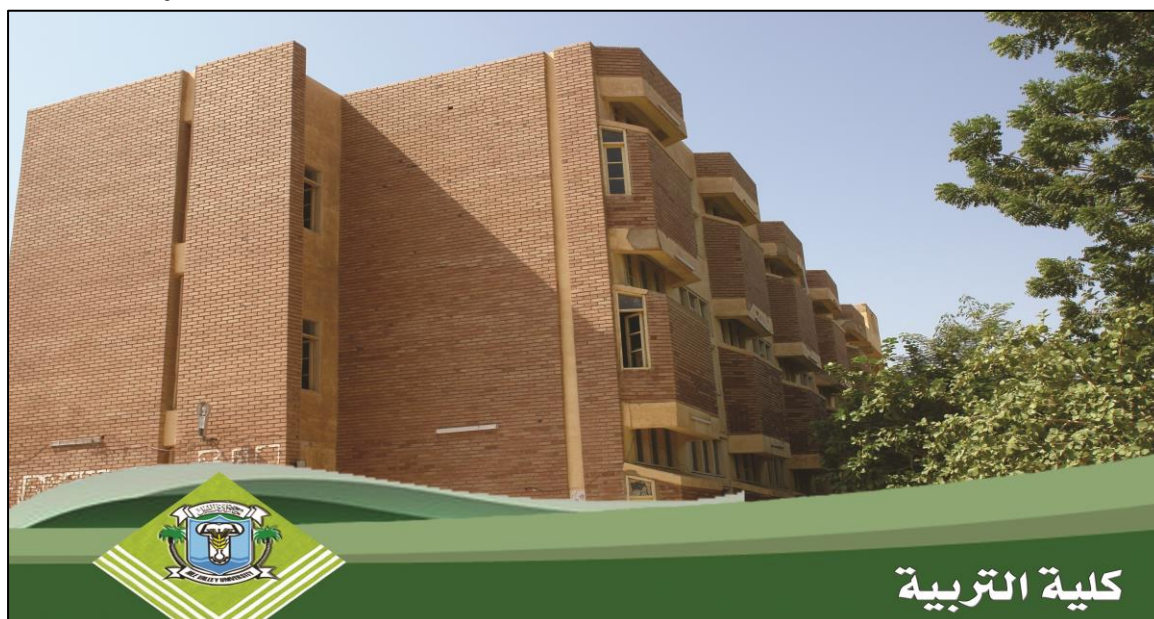
## Faculty of Engineering and Technology



The Faculty of Engineering and Technology has been the nucleus for the establishment of the Nile Valley University and it is one of the distinctive engineering schools in the Sudan for it has sound engineering programs. The Faculty offers Bachelor of Science (honor) in five years and a diploma in three years in the following disciplines:  
Mechanical Engineering, Manufacturing Engineering, Electrical and Electronic Engineering, Civil Engineering.



## Faculty of Education



The Faculty of Education was established in 1984, and (together with the Faculty of Engineering) was the nucleus for the establishment of the Nile Valley University. Faculty of Education is one of the distinctive faculties of education in the Sudanese universities. The Faculty awards the degree of Bachelor(Honors) in five academic years in:

a- Science and Education in the following specializations:

- Mathematics, Physics, Biology, Chemistry.

b- Arts and Education in the following specializations:

- Arabic Language, Islamic Studies, English Language, Geography, History.

## Faculty of Medicine and Health Science



The faculty offers the degree of Bachelor of Medicine and Surgery in six years and a three year diploma in the programs of health staff (Pharmacy - Nursing). The Faculty has a teaching hospital, which has been provided with the latest equipment and medical instruments and staffed by a competent cadre in the fields of medicine and health sciences. The hospital provides services to the state's population in addition to practical training for medical students at the university.

## **Faculty of Computer Science and Information Technology**

The Faculty offers the degree of Bachelor of Science (honor) in five academic years in the following disciplines:

- Computer Science.
- Information Technology
- Information Systems.



## Teachers' College (basic stage)



The Teachers' College is one of the specialized Colleges in preparation of students to work as teachers in Basic schools in general education and it has an effective role in the qualification of the Basic Stage teachers all over the Sudan. The College awards the degree of Bachelor of Education ( honor) in nine semesters in the following major specializations:

- Arabic Language, English Language, Islamic Studies, Mathematics.

With one of the following minor specializations:

- History, Geography, Science, Applied Arts, Physical Education, Computer.

In addition to one of the following educational activities:

- Drama, Music, Rural Education, Family Science, Arts.

## **Faculty of Economics and Administrative Science**



The faculty awards the degree of Bachelor in Economics and Administrative Sciences in four academic years in the following specializations:  
Accounting, Commerce, Business Administration, Management Information Systems, Economics and Banking, Social Statistics and Population Studies.

## Faculty of Islamic and Arabic Science



The Faculty awards the degree of Bachelor in four academic years in the following specializations:

- The Fundamentals of Religion,
- Arabic Language and Literature,
- Islamic Economics,
- Communication Studies (Media).



## **Faculty of Shariaa and Law**



The Faculty of Shariaa and Law awards the degree of Bachelor in Shariaa and Law in four academic years and Bachelor (Honor) in Shariaa and Law in five academic years.

## **Faculty of the Glorious Quran**

The Faculty of the Holy Quran awards the degree of Bachelor of Science in Quran Science in four academic years in the following specializations:

- Quran Science.
- Interpretation.
- Algiraat.

## **Faculty of Agriculture**

The Faculty of Agriculture has a total plantation area of 160 acres to conduct research in the areas of agricultural science and the training of students and producers in the state. The Faculty awards the degree of Bachelor of Science (Honors) in Agriculture in five academic years in the following disciplines:

- Agricultural Economics,
- Crop Protection,
- Horticulture,
- Seed Technology,
- Animal Production,
- Agricultural Engineering.
- Food Technology



## **(12) The College of Post-Graduate studies**

The College of Post-Graduate studies offers degrees of higher diploma, MSc, PhD in different disciplines such as:

Civil engineering, Electrical and Electronic Engineering, Manufacturing, Engineering, Mechanical Engineering, Islamic Studies, Arabic Language and Literature, English Language and Literature, Educational and Psychological Science, Biology, Physics, Chemistry, Mathematics, Accountancy, Economics, Business Administration, Law, Agricultural Economics, Crop Protection, Horticulture, Seed Technology, Animal Production, Agricultural Engineering, Food Technology.



### **Faculty of Minerals and Geology**

The Faculty of Minerals and Geology offers the degree of Bachelor of Science (honor) in five academic years in the following disciplines:

- Geology.
- Geophysics.
- Petroleum Geology.
- Geology of Minerals Wealth.
- Hydrology.

### **The College of Technology and Human Development**

This College offers a 3-year diploma in the following disciplines:

- Information Technology.
- Communication.
- Accountancy.
- Computer Network.
- Accounting Information Systems.

### **Open and Distance Learning Unit**

Open Education unit is for all people regardless of place, time and age. The University believes in the renewal of knowledge, broadening of thoughts and the capacity development. It offers the study on a system of open learning and distance education outside and inside the Sudan. The unit is executing and supervising Academic Programs at the level of Bachelor of Science in different disciplines in the Faculties of the University. Many Foreign students have graduated in these programs from countries such as Egypt, Palestine, Jordan, Syria, Qatar, Libya, ... etc.

## Community Development College

The Community Development College has set up 26 centers in different towns and countryside of the River Nile State to achieve the following goals:

1. Poverty alleviation by training people in different fields to raise their income.
2. Giving trainees the necessary skills in different fields to serve the community.
3. Enhancing good values and fighting harmful practices and traditions.
4. Raise the religious and cultural awareness in community.
5. Highlighting the role of the university in the society service.

The College offers short training courses in different aspects of life to population with concentration on women. About one thousand trainees graduate annually from this College. Some of them have enrolled in voluntary organizations and intermingle with non-governmental and monetary funds for finance to ensure continuation of their activities.



## **The University Hospital**

The Nile Valley University has a Teaching Hospital which provides its medical services to community in addition to training of Medical Students. The Hospital has a plan to widen its medical service to include more specializations such as Kidney Treatment Centre which is an urgent need to the community.



## **The University Guest House**

The university has a guest house (hotel) that provides accommodation, lodging and services for the University and the River Nile State's visitors and guests .



## **Archaeology and Heritage Studies Center**

The center of archaeological studies was founded in the year 1995. It includes units of studies and research, which supervises research programs and academic research in the field of antiquities and heritage as well as the unity of the field work which supervises the archaeological studies. The University has a museum of Antiquities related to the Center for Studies and Research which contains holdings of all historical times and receives visitors and researchers and those who are interested in archeology and heritage.





### **Self-Evaluation, Total Quality and Strategic Planning unit**

The unit was established in 2005 for the purpose of disseminating and preserving the culture of total quality in the university and to improve the Academic performance through Self- Evaluation Process.

The Unit is also responsible for the University strategic planning in line with the policy of the government interest in the strategic planning in short and long terms and take advantage of that in the provision of the country's different development projects and programs.

### **Language Laboratory**

The university has a language laboratory for the students of the English Department in the College of Education .The university is intending to widen the scope of training to entail training local, regional and national cadres as well as the university staff members and employees. This center is also intended to encourage linguistic research and dissemination of knowledge. The center is expected to flourish in such a country like the Sudan with diverse ethnic groups, languages and dialects.

### **International Cooperation Directorate**

The University being a governmental university, has a membership of the Union of the Sudan Universities, the Federation of the World Universities, the Federation of the Islamic Universities, Association of the African Universities, the Federation of the European- Arab universities. - and the Arab Network for Open Learning and Distance Education. The University has relations and cooperation agreements with universities in the Arab countries , African, European and Asian universities.

The International Cooperation Directorate has been established in 2018 to create and follow up academic links and relations with other similar institutes inside and outside the Sudan.

### **Publication and Scientific Research Unit**

The University established the Scientific Research and Publication unit, to promote publication and encourage members of staff to carry out Scientific research in different fields.

### **Advisory Board of the University**

The advisory board of the University was established in 2008 and was registered and approved by the consulting firms in the Sudan for the purpose of doing business consulting in the areas of engineering - Roads - Agricultural Sciences - the different economic areas - asset valuation and Preparation of studies. The board has gained an important and active role in conducting studies and advisory work inside and outside the state.

### **Automobile Maintenance Centre**

The University established the Automobile Maintenance Centre in 2008 to provide automobile maintenance services to community and to the University cars. The Centre provides after sale services to Automobiles from Giad Company according to a signed agreement between the University and Automobile Giad Company.



**Some Proposals of Research Projects which are  
to be conducted in the University in the near future**

**Project 1**

**Potential of non-conventional oil seed crops as a source of  
production of bio-fuel.**

**Justifications of the project:**

Fossil fuels are the main source of energy all over the world. However the reservoirs of these fossil fuels are diminishing due to its non renewability nature. Meanwhile the demand of energy is increasing due to the increase in population. In addition, Fossil fuels are among the major contributors of global warming as they emit carbon dioxide when burnt. So it is very important to find other sustainable and feasible sources of energy. Bio-fuel from biomass is one of the options available which could be good alternatives to the traditional source of energy.

**Objectives:**

- Assessing the viability of different biomass materials as a source of bio-fuel..
- To optimize the process of oil extraction for biodiesel production.
- To examine the produced biodiesel fuels in the light of international standards.
- To assess the performance of the produced fuel in diesel engines.

## **Project 2**

### **Nano-Remediation of Microbial Contamination and Heavy Metal Pollution of drinking water using different nano-particles at different locations of the River Nile State - Sudan**

#### **Justifications of the Project:**

Water quality performs an important role in the human health, animals and plants. Historically, Water has played a significant role in the transmission of human disease. Heavy Metals are compounds which occur naturally in the environment, and these compounds will be harmful to human health, animals and to the entire environment if their densities in water exceed certain amount. So protection of water quality is a very important issue and it should be kept at acceptable levels.

In the River Nile State there are different activities carried out at different towns and villages such as cement industry and traditional mining. These activities may result in increasing contamination level of water. So it is very important to carry out bacteriological analysis and detection of heavy metals, and to examine water treatment with nanoparticles to remove any contaminants and pollutants.

#### **Objectives:**

The main objectives of this project will be:

- To determine the quality of water by detecting the presence of coliform bacteria and fungi.
- To detect biofilm – associated bacteria in the tested samples.
- To detect and measure the concentration of heavy metals before consumption or discharge.
- To study the effect of chemical activation on the development of pore structure on the production of activated carbon.
- To examine the characteristic of granular activated carbon.
- To evaluate the potential application of locally produced activated carbon in inorganic pollutants.
- Synthesis and application of silver bio – nano particles to remove bacteria and fungi from tested water samples.

## **Project 3**

### **Optimization of a PV-Pumping System for Small-scale Irrigation Schemes.**

#### **Justifications of the Project:**

The Sudan has been considered as one of the countries which have high density of solar radiation, it has a sun shine of more than 3000 h per year. Over the past ten years about 250 PV water pumps have been installed in the Sudan.

Along the river Nile there are small agricultural schemes each of about 4 ha use diesel engines(4.5 kW) to pump water for irrigation using centrifugal pumps. These schemes grow vegetables and field crops to satisfy family needs. Also these diesel engines are used to pump drinking water in some villages. Diesel fuel is very expensive and sometimes not available. These pumps are so close to each other in such a way that two or three can share the same solar power system and hence can reduce the cost of the individual systems due to increased hours of operation. Hence an optimized solar pumping system would be an attractive alternative.

#### **Objectives:**

- To investigate the technical feasibility of the PV pumping system.
- To predict the available solar radiation using current and historical climate data.
- To predict the associated photovoltaic electrical output using a combination of the module and installation specifications, meteorological input and solar geometry.
- To predict the consequent water flow out put according to the given system input power.

## **Project 4**

### **Optimization of a solar-powered Air Conditioning system.**

#### **Justifications of the Project:**

Energy is one of the most serious problems which facing developing countries. People in different societies, used to depend on petroleum, to provide them with energy. Petroleum is quite satisfactory for provision of energy, but, it is a limited source of energy. Regardless of this fact, use of petroleum is associated with many problems, such as high running cost, and pollution of the environment, in addition, petroleum is not available to many people in rural areas, due to problems of transportation and other factors. Hence other sources of renewable energy may be acceptable alternatives. One of the most important sources of renewable energy, is solar energy. One of the methods which can be used to utilize solar energy is the thermal conversion of solar radiation in which solar radiation is converted into direct heat energy using solar collectors.. Conversion of solar energy to heat energy, requires high density of solar radiation, and it is therefore, the method which can be used in tropical climates, where solar radiation is very high. One of the most important factors which encourages use of thermal conversion of solar energy in tropical countries, is the cost. Solar collectors and associated components, can be manufactured, installed and operated at a very low cost.

One of the most suitable application of thermal conversion of solar energy, is absorption Air conditioning systems. This is because, the power required to drive an absorption system, is heat energy, which is directly available from a solar collector.

#### **Objectives**

The objectives of this project are:

- 1- To carry out a mathematical analysis of the lithium bromide-water absorption air conditioning system.
- 2- To design and construct an intermittent lithium bromide-water absorption air conditioning system.
- 3- To carryout different experiments, to study the performance of the system, under different operating conditions.

## **Project 5**

### **Disease burden estimates and evidence – based strategies to control**

#### **Hepatitis B Virus infection in the River Nile State-Sudan.**

The burden of hepatitis B Virus (HBV) infection is enormous worldwide . The Sudan in general and The River Nile State in specific is not an exception to this gloomy picture.

HBV infection constitutes a public health problem in many developing countries including the Sudan. About 2 billion individuals were estimated to be infected by HBV in the world with 350 million chronically infected. In Sudan, HBV prevalence is reported between 5 – 10%. Certain population groups in the Sudan have concerns about HBV infection due to its social and economic impact.

There is an ongoing national control program for HBV infection in the Sudan, but little information are available about its prevalence and impact in the River Nile State. The River Nile State is concerned to control the situation.

The Nile Valley University working with the River Nile State government has commenced activities to scientifically elaborate and, hopefully, alter and control this situation.

#### **Objectives:**

- To determine the prevalence, associated risk factors, and disease burden of HBV among residents of some villages in Abu-hamed locality in the River Nile State. Evidence- based strategies will be developed to assist the efforts of the local government to control the disease.
- To study viral genetics and virulence factors as well as susceptibility genes among infected individuals.



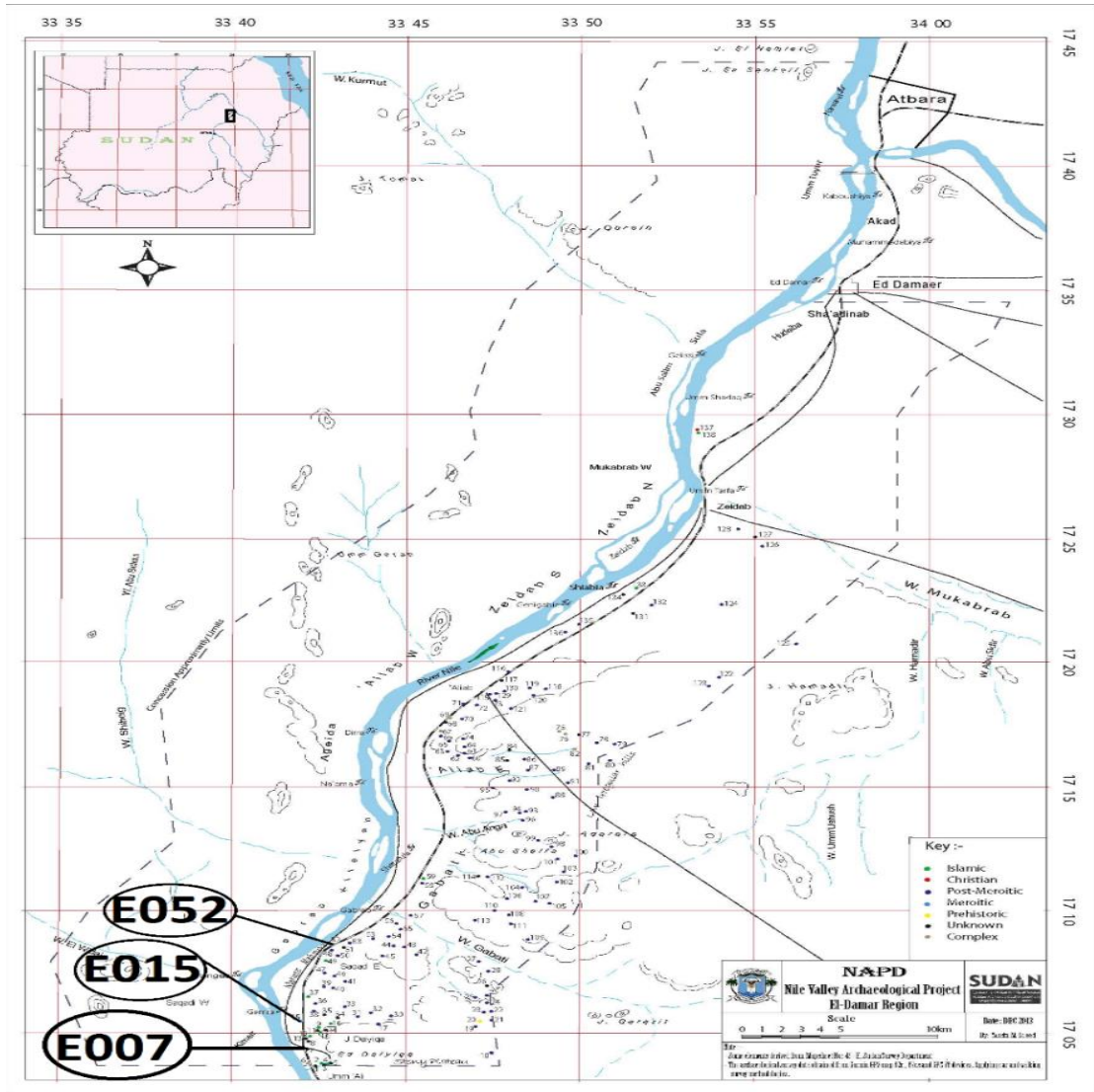
**Archaeological Studies**  
(Archaeology and Heritage Studies Centre)

**Al Damer Region Archaeological Proeject**

Nile Valley University Archaeological Proeject of Al Damer Region (NAPD) is a research, documentary, training, developmental, and salvage project for the archaeological sites, located in Al Damer, Atbara, and Shendi localities in The River Nile State. The project area extended between Al Fadlab (17 44.069 N – 33 56.546 E) to the North, and Al Kimair (17 01. 477 N- 33 37. 836 E) to the South, for 82 kilometers on the western bank of the River Nile; and between Al Damer (17 19.258 N- 33 47.723 E) to the North and Um Ali (17 0. 900 N- 33 44. 755E) to the South, extending on 67 kilometers on the eastern bank of the Nile. It also transversely extends on 10 kilometers from the Nile on both banks.

The whole area of the project was subject to an archaeological survey of the years 2013, 2014, and 2015 . This survey result was discovery and registration of 398 archaeological sites; of which 210 are on the eastern bank of the Nile, and 188 on the western bank. These sites represent the Neolithic, Meroitic, Post Meroitic, Medieval, Post Medieval, and Turkish, Periods, in addition to other unidentified sites. Moreover, number of theses sites presented materials of more than one of these previously mentioned periods.

Despite the importance of all these sites, we can choose 3 of them to be excavated first. They will be presented sequentially as: (E007). (E015), and (E052)



**Site name:**(E007) Al-Deiga

**Coordinates:** (17 04.385 N- 33 42.133 E)

**General description:**

A large group of small tumuli in an elevated area overlooking an agricultural area. The site located in the foot of an insulated sandstone mountain called Jebel Bit. The site covered by high concentration of many types of decorated pottery sherds and lithic tools. A large number of mounds in the site, which are possibly super structures of Neolithic graves.

**Justifications and objectives:**

1. The site is adjacent to the agricultural area and may extend to it at any time, which puts it at risk of disappearing completely.
2. Excavation and documentation of the site now is very important to avoid any threat of Human or development activities (agriculture, residential extensions, roads, , mining etc.) vandalism, illegal traffic of antiquities etc), and Natural Factors ( wind erosion, rains, floods, soil drift etc.
3. A valuable and great information expected from this archaeological site, due to the nature and size of the site.
4. The site expected to be Neolithic burial site. So this type is rare in Neolithic period in Sudan, which will classify the site as one of the very important Neolithic archaeological sites.
5. Burial sites of Neolithic period in Sudan are important to give information of the early religious beliefs and social organization, traditions, and economy.

**Site name:** (E015) Hoshalkafir

**Coordinates:** (17 05.429 N- 33 42.069 E)

**General description:**

The Site which located in the foot of an insulated sandstone mountain called Jebel Ambor, approximately 17 kilometers north of the Royal City of Meroitic Kingdom (3500 BC- 350 AD.). Magnetic survey and partial excavations conducted in the site. The results are two Meroitic temples, enclosure wall, and large number of other buildings.

**Justifications and objectives:**

1. The site is threatened by the adjacent agricultural area. So excavation and documentation and protection of the site now is very important .
2. A valuable and great information are expected from this archaeological site, which is distinguish with complex of buildings all over the site.
3. Excavation will reveal one of few settlement and religious Meroitic sites outside the capital of the kingdom.
4. Many burial sites located nearby the site, may provide more information about the site if necessary.
5. The monumental buildings and the location of the site near Meroe will make it one of the impotent tourist destination in Sudan.
6. Tourism activities in the site will participate in reducing poverty and developing the local community.

**Site name:** (E052) Hoshalkafir

**Coordinates:** (17 05.429 N- 33 42.069 E)

**General description:**

This site is a large mound located close to south part of Mahmiya railway station. A school and houses built on the eastern part of the site. The western part also cut by the railway. Magnetic survey conducted in the site has detected a complex of bulldogs under surface of large parts of the site. Destruction of small part of the central part appears more than phase of building. This may indicate that the site belonged to Meroitic and other later period.

**Justification and objectives:**

1. The site is under threat of total destruction by cars road passing directly over the site.
2. The site excavations may give information of long and sequential settlement history.
3. The site might be a part of countryside of Meroitic kingdom, which is not clear completely till now.
4. Many burial sites located nearby the site, may provide more information about the site if necessary
5. The monumental structures and the location of the site near Hoshalkafir site will make it one of the tourist destination.
6. Tourism activities in the site will participate in reducing poverty and developing the local community.

**Sample of some research work which  
has been done in the the University**

**Mycoflora Of Barley ( HordeumVulgare L.) At Different Locations In Hail Area- Saudi Arabia**

**Elham Sharief Dawood; Modhi K. Elshamry**

Published by:

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INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 4,  
ISSUE 05, MAY 2015

**Mycoflora of Wheat (Triticumaestivum L.) at Different Locations in Hail Area- Saudi Arabia**

**Elham Sharief Dawood; Modhi K. Elshamry**

Published by:

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Asian Journal of Agriculture and Food Sciences (ISSN: 2321 –  
1571)Volume 03 - Issue 03 , June 2015

**Efficacy Of Leaf Extract Of Neem (AzadirachtaIndica) Against Shoot Dieback Disease Of Two Species Of Ficus In Atbara Town-Sudan**

**Elham Sharief Dawood;**

Published by:

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INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 4,  
ISSUE 09, SEPTEMBER 2015

**Evaluation of the Concrete Works Produced Locally in River Nile State**

**Fathelrahman M Adam,; Mohamed Y. Mustafa,**

Published by:

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Journal of Civil Engineering Research 2015, 5(3): 67-73

**Potential Benefit of Metformin as Treatment for Colon Cancer: the Evidence so Far**

**Abdelsatir, Azza Ali; Husain, NazikElmalaika; Hassan, AbdallahTarig; Elmadhoun, Wadie M; Almobarak, Ahmed O; Ahmed, Mohamed H**

Published by:

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Asian Pacific Journal of Cancer Prevention, Vol 16, 2015

## **Mycoflora Of Maize (Zea Maize) At Different Locations In Hail Area-Saudi Arabia**

**Elham Sharief Dawood; Modhi K. Elshamry**

Published by:

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INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 4, ISSUE 06, JUNE 2015

## **Undiagnosed diabetes mellitus in rural communities in Sudan: prevalence and risk factors**

**Noor, S.K.M.; Bushara, S.O.E.; Sulaiman, A.A.; Elmadhoun, Wadie M; Ahmed, M.H.**

Published by:

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Eastern Mediterranean Health Journal EMHJ • Vol. 21 No. 3 • 2015

## **Charts for Bending Moment Coefficients for Continuous Beams**

**Fathelrahman M. Adam,**

Published by:

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International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869 (O) 2454-4698 (P), Volume-3, Issue-8, August 2015

## **Correlation studies between fertilizer, tuber yield and some yield components for irrigated potato grown on clay soils of River Nile State, Sudan:**

Published by:

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Nile Journal for Agricultural Sciences Issue No. 1- 2016

## **Effects of Nitrogen Fertilization and Bulb Spacing on Saggai Red Onion Seed Production in Berber Area of River Nile State, Sudan**

**El Abas, SaharIbraheem; Ali, Abdelazim Mohamed; Mohamed, Osman Elbusiri; Nourai, Abdalla Hussein**

Published by:

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Nile Journal for Agricultural Sciences Issue 01, 2016

## **Response of potato to different levels and types of fertilizer in the tropical environment of the North of Sudan:**

**Ali, Abdelazim Mohamed; El Mahdi, Abdel Rahman A.; El Amen, Saifel Din M.**

EFFECT OF CULTURAL PRACTICES ON PERFORMANCE OF POTATO GROWN ON CLAY SOILS OF THE TROPICAL CONDITIONS OF NORTHERN SUDAN

Abdlazim Mohammed Ali ; El Amen, Saifel Din M.; El Mahdi, Abdel Rahman A.

### **Flood Monitoring in Nile River State**

Ali, Salah. A.

Published by:

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International Journal of Engineering Innovation and  
Research (IJEIR)(Volume 4,Issue 3, May 2015/Publication)

### **Knowledge, Attitudes and Practices of Sudanese Women Regarding the Pap Smear Test and Cervical Cancer**

Almobarak, Ahmed O; Elbadawi, Ayman A; Elmadhoun, Wadie M; Elhoweris, Mohammed H; Ahmed, Mohammed H

Published by:

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Asian Pacific Journal of Cancer Prevention, Vol 17, 2016

### **Evaluation of Microbial or Bacterial Quality of the Drinking Water of Duba Province North Saudi Arabia**

Suhair Ahmed Abdalwahab; ElhamShariefDawood; Miser A.Abouhosh;

Published by:

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Asian Journal of Agriculture and Food Sciences (ISSN: 2321 – 1571) Volume 05 – Issue 01, February 2017

### **ANALYSIS OF COMPOSITE LAMINATED PLATES**

Mohammed Elmardi Suleiman Khayal, Osama;

Published by:

International Journal of Advances in Scientific Research and Engineering (IJASRE) [Vol. 02, Issue 08, Sep -2016]  
www.ijasre.net

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Mohammed Elmardi Suleiman Khayal, Osama

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