|  |
| --- |
|  ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر**Dr. Basim Sh. Abed** |

|  |
| --- |
| ▼ الاتجاهات البحثية* **هندسة الموارد** **المائيةWater Resources Engineering**
* **هندسة البيئةEnvironmental Engineering**
* **نوعية المياه Water Quality**
 |

|  |
| --- |
| ▼ الدرجة العلمية**استاذ مساعد**  |

|  |
| --- |
| ▼ الأبحاث المنشورة* **Abed, Basim Sh., 2001 " *Dynamic modeling of water Quality for Tigris River within Baghdad city"* Journal of Technology/ Foundation of Tech. Education Vol.10.**
* **أ.م.د. باسم شبع عبد ،أ.م. عصام عيسى عمران " *التلوث الهوائي لورش السباكة ، دراسة تطبيقية في معامل الشركة العامة للصناعات الميكانيكية* /( المؤتمر العلمي الثامن لهيئة التعليم التقني 2002)**
* ***أ.م.د. باسم شبع عبد ،أ.م.د. عبد الله احمد الظفيري "الآفاق المستقبلية لاستخدامات المياه في الوطن العربي والتجربة العراقية"\ الملتقى العربي الاول للموارد المائية في الوطن العربي/جامعة القاهرة 2010.***
* **Al-Hasan H. Ismail, Basim Sh. Abed, 2014 “Application of Multivariate Statistical Techniques in the surface Water Quality Assessments of Tigris River At Baghdad Stretch”, *Journal of Engineering Science /University Of Babylon* ,Vol.22.**
* **Basim Sh. Abed, Sahir Rasheed, 2015 "Evaluation of Ventilation Efficiency of Baghdad Sewers",*2nd Conference of Environmental and Art*, 2015.**
* **Basim Sh. Abed, Zainab Hashim, 2017 "Using Special Types of Concrete Pipes with Acid Attack Resistance in Sewer Lines", *The First International Conference for Engineering Researches*.**
* **Al-Hassan H. Ismail1, Basim Sh. Abed,2018, "Using Polyurethane coating of Concrete Pipes with Acid Attack Resistance in Sewer Lines", *International Journal of Engineering and Technology*,7(4.20)( 2018)118-122.**
* **Majed Rodhan Hussain a, Basim Sh. Abed,2019,” Simulation and Assessment of Groundwater for Domestic and Irrigation Uses”, *Civil Engineering Journal*, Vol. 5, No. 9, 1877-1892.**
* **Bushra Ibrahim Asaad, Dr. Basim Sh. Abed,2020”Flow Characteristics Of Tigris River Within Baghdad City During Drought*”,* *Journal of Engineering*, Vol.26, No.6,77-92.**
* **Hala Mohammad Mohy, Dr. Basim Sh. Abed,2020,” Design of Expert System for Managing the System of AthTharthar Lake”, *Journal of Engineering*, Vol.26, No.1,142-159.**
* **Majed Rodhan Hussein, Basim Sh. Abed, 2020,” Groundwater Simulation and Wells Distribution at Qazaniyah City in Diyala Governorate” *Journal of Engineering*, Vol.26, No.9,95-113.**
* **Mariam H. Daham, Basim Sh. Abed, 2020,” One and Two-Dimensional Hydraulic Simulation of a Reach in Al-Gharraf River*”,* *Journal of Engineering*, Vol.26, No.7, 28-44.**
* **Basim Sh. Abed, Hamid H. Hussain, Khalid A. Abdul-Razzaq, 2020, “Finite Element Modeling of Saint-Venant Equations for Shatt-Al Hilla”, *Journal of Techniques*, Vol.2, No.1, 20-27.**
* **Basim Sh. Abed, Hayder Q. Majeed, 2020,” The Behavior of Scouring Around Multiple Bridge Piers Having Different Shapes*” IOP Conf. Series: Materials Science and Engineering* 745 (2020) 012158, doi:10.1088/1757-899X/745/1/012158*,*1-12.**
* **Ayad K. Mohammed, Basim Sh. Abed, 2020,” Water Distribution and Interference of Wetting Front in Stratified Soil under a Continues and an Intermittent Subsurface Drip Irrigation*”,* *Journal of Green Engineering*, Vol.10, No.2, 268-286.**
* **Ayad K. Mohammed, Dr. Basim Sh. Abed , 2020*,”* Numerical Modelling and Experimental Investigation of Water Distribution in Stratified Soil Under Subsurface Trickle*”, Anbar Journal Of Engineering Science*, Vol.8, No.1, 185-192.**
* **Basim Sh. Abed, Majed Rodhan Hussein, 2020, “Quantitative and Qualitative Assessment Of Groundwater: The Case Of Khanaqin Alluvial (Iraq)”** ***Journal of Engineering Science and Technology*, Vol.15 (6), 4339-4355.**
* **Mariam Hadi Daham, Dr. Basim Sh. Abed’ “Simulation of Sediment Transport in the Upper Reach of Al-Gharraf River” , *IOP Conf. Series: Materials Science and Engineering* 901 (2020) 012012, doi:10.1088/1757-899X/901/1/012012,1-10.**
* **Basim Sh. Abed, Mariam Hadi Daham, Al-Hasan Hayder- 2020, “ Assessment and Modelling of Water Quality along Al-Gharraf River (Iraq)”,** ***Journal of Green Engineering*, Vol.10 (12), 13565-13579.**
* **Basim Sh. Abed, Mariam Hadi Daham, 2020, “Water Quality Modelling and Management Of Diyala River And Its Impact On Tigris River”, *Journal of Engineering Science and Technology* Vol.16 (1), 122-135.**
 |
|  |

|  |
| --- |
| ▼ الكتب والمؤلفات* **تصفية مياه الشرب/ كتاب منهجي/مرحلة2/ قسم الموارد المائية/ هيئةالتعليم التقني**
* **منشات الري/ كتاب مساعد/مرحلة2/ قسم الموارد المائية/هيئةالتعليم التقني**
* **Hydraulics كتاب منهجي/مرحلة2/قسم الموارد المائية/هيئةالتعليم التقني.**
 |

|  |
| --- |
| ▼ رسائل الماجستير الذي اشرف عليها* **Management of AthTharthar-Samarra System by Expert System, (M.Sc.).**
* **Hydraulic Characteristics of Tigris River within Baghdad City during Drought Conditions, (M.Sc.).**
* **Evaluation of Sedimentation Problem in the Upper Reach of Al-Gharraf River, (M.Sc.).**
* **Simulation and Assessment of Groundwater In The East of Diyala Governorate, (M.Sc.).**
* **Water Distribution in Stratified Soil under Subsurface Drip Irrigation, (M.Sc.).**
* **Estimation of Income Flowrates to Bahr Al-Najaf, (M.Sc.).**
* **Investigation of Hydraulic Characteristics of Diyala River, (M.Sc.).**
* **Experimental and Theoretical Investigations of Seepage Reduction through Earth Dams with Special Core, (M.Sc.).**
* **Hydraulic Behavior and Assessment Of Water Quality Of The Central Marshes, (M.Sc.).**
 |