



University of Mosul / College of Engineering  
Department of Dams and Water Resources Engineering



List of Engineering Projects - Academic Year 2024-2025

Project students' names	Supervising Professor	Project title	T
Ayser Adnan Ali Daham Burhan Adnan Ahmed Abed Sulaiman Muhammad Rajab Muhammad	A.M.D. Anmar Abdul Aziz Al-Talib	Design of the main pipeline network for an irrigation project in the Hammam Al-Aili area	1
Baraa Abdul Rahman Muhammad Zahir Ali Ahmed Ball Arab Naglaa Mohamed Mahmoud Ismail	Prof. Dr. Youssef Hashem Abdullah	2 Design of a water harvesting dam on one of the valleys in northern Iraq	
Zaid Louay Hisham Mustafa Sidrat Bashar Sultan Hussein Obaida Maher Hamdoun Younis	A.M.D. Saleh Mohammed Saleh	The impact of hydrological modeling on the calculation of the discharge and volume of rainwater harvesting for selected reservoirs in Nineveh Governorate	3
Abdul Rahman Qahtan Adnan Ali Muhammad Mahmoud Muhammad Muhammad Walid Ayed Muhammad	A.M.D. Saleh Mohammed Saleh	The effect of using transformer and loss techniques to calculate surface runoff in a selected reservoir in Nineveh Governorate	4
Afnan Sobhi Hussein Ahmed Mohammed Saeed Yassin Khalaf Muhammad Abd al-Sattar Muhammad Taha	Dr. Rasha Mohamed Sami	Design of a rainwater drainage bridge in Nineveh Governorate for infrastructure sustainability	5
Ammar Nasser Sheet Ahmed Namir Majed Abdel Hay Ramadan Yasser Sami Abdel Qader Ibrahim	M. Mohamed Tariq Mahmoud	6 Ways to Treat Seepage in Earth Dams	
Mohammed Ali Hadi Abdullah Nadine Wissam Hormuz Youssef Nancy Nabil Sami Oraha	Dr. Nashwan Kamal El-Din Mohamed	7 Finding the dimensions of the box bridge based on the estimated flow rate.	
Enfal Abdel Salem Ibrahim Imad Fadel Abdel Ali Mohammed Mahmoud Abdullah Mahmoud Mohsen	M. D. Talal Ahmed Bashir	Using WMS to calculate the drainage required to design a bridge on a road	8
Maysar Elias Khalaf Ramo Nour Azzam Ali Hassan Heba Ayad Mohammed Shawkat	Dr. Muhammad Mukhlif Khalaf	9 The effect of groundwater on soil stability on slopes	
Iman Ahmed Mohammed Khader Saif Saad Kadi Khedr Shahid Shweish Ghadban Nasir Miran Kamran, Juma's aunt	M. D. Ziad Ayoub Suleiman	10 Modeling water movement using Groundwater Modeling System software	
Alaa Abdullah Mahmoud Othman Enaam Shaker Mahmoud Ahmed Issa Walid Dhaham Mahmoud	Dr. Muhannad Talal Yousef	11 Determine the boundaries of the Dokan Dam Lake using Map-Arc software.	
Dalal Nawar Sabah Jouki Ramez Saleh Hassan Mahmoud Alaa Ali Bro Dhnoon	Dr. Laith Khalil Ibrahim Ahmed	12 Theoretical calculation of soil hydraulic conductivity	
Ibrahim Raed Mahmoud Mohammed Ahmed Hussein Ali Dawas Osama Mohammed Hussein Elias	Dr. Abdul Aziz Abdul Basit	13 Design of a sprinkler irrigation network inside the University of Mosul	
Arkan Fouad Shihab Ahmed Rawaa Abdul Muhammad Hussein Muslim Salem Mohammed Musa	M.M. Nour Idris Abdel Qader	14 Design of a lined canal network for an agricultural plot of land in Nineveh Governorate	
Rami Mohammed Ali Mohammed Sudad Talal Yahya Ismail Younis Shams El-Din Ghosoub	M.M. Muhammad Awni Khattab	15 Rainwater Harvesting East of Nineveh Governorate	
Hakmat Muhammad Ahmad Habib Abdullah Bashar Ahmed Abdullah Omar Dahli Juma Saleh	M.M. Ali Ahmed Abdel Hadi	16 Design of a water harvesting dam on one of the valleys east of Nineveh Governorate	
Harith Ibrahim Taha Ahmed Ali Hassan Qasim Hassan Mahmoud Yahya Muhammad Khalisi	Ahmed Yahya Abdel Hafeez millimeter	17 Design of irrigation and drainage network for agricultural land	
Ahmed Akram Habib Saleh Alaa Hassan Ali Abdullah Omar Ayad Hamdi Fouad	M.M. Arwa Abdel Razzaq Jamal	18 Design of a lined canal network for an irrigation project in Nineveh Governorate	
Omar Mahmoud Abdel Aziz Ali Mohammed Abdel Rahman Ibrahim Mohamed Nasr El-Din Ahmed Mohamed	M.M. Ziad Taher Ali Muhammad	19 Water treatment plant design for a small residential complex	
Kawthar Adel Shaaban Ahmed Mohammed Salem Mohammed Khalaf Come on Ahmed Hamadi Jassim	M.M. Ahmed Abdel Hamid Ahmed	Design of a rainwater harvesting network to irrigate the student center gardens (achieving the sixth goal of sustainable development)	20
Sirwan numbed Elias Ryan Ragheb Rashid Suleiman Gulistan Sharif Hassan Khalaf		21. Assessment of drought periods in Mosul city using the Standardized Rainfall Index (SPI). M.M. Muad Majid Kaliana.	