

# International Symposium on Urban Water Management in Cities



This international Symposium is jointly organized by Tishk International University - Erbil, Kurdistan Region, Iraq, and Gdańsk University of Technology, Narutowicza 11/12, 80-233 Gdańsk, Poland. This symposium aims to bring together leading academic scientists, researchers and experts to exchange and share their experiences and latest research on all aspects of Urban Water Management in Cities. It also provides a premier interdisciplinary platform for researchers, practitioners, and experts to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered, and solutions adopted in the fields of Urban Water Management in Cities.

**Date: 15/12/2021**

**Time: 10:30**

**Location: Tishk International University & Online**

## This event consists of three main sessions:

- First Session: Water Resources
- Second session: Urban Flood Management
- Second session: Wastewater and storm water Management

Session Number	Time	Topic	Presenter	Location
	10:30-11:10	Opening Ceremony		Education Faculty Building, Hall 302
	11:10-11:30	Coffee Break 1		Education Faculty Building, Hall 302
1	11:30-11:55	Water Resources Management in the Tigris and Euphrates Basins	Prof. Dr. Nadhir Al-ansari	Education Faculty Building, Hall 302
	11:55-12:15	Groundwater Balance in the Presence of Climate Change Impact	Dr. Mohammed Abdulwahid Nanekely	Education Faculty Building, Hall 302
	12:15-12:30	Groundwater Degradation of the Erbil Basin	Hawkar Ajeeb Muhammed	Education Faculty Building, Hall 302
	12:30-12:45	Commentaries & Discussions		Education Faculty Building, Hall 302
	12:45-13:45	Lunch		

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2	13:45-14:00	Reasons of increasing risk of (urban) floods	Dr. Michał Szydłowski	Education Faculty Building, Hall 302
	14:00-14:15	Causes and impacts of urban floods in Erbil Kurdistan Region of Iraq	PhD. Candidate Andam Mustafa	Education Faculty Building, Hall 302
	14:15-14:45	Flood protection project for Erbil city	Dr. Ali Rasheed, Mr. Peshawa Barzan and Azad Dezae	Education Faculty Building, Hall 302
	14:45-15:10	Commentaries & Discussions		Education Faculty Building, Hall 302
	15:10-15:30	Coffee Break 2		Education Faculty Building, Hall 302
3	15:30-15:50	Management of rainwater in the City of Gdansk – the flood aspect	Dr. Wojciech Szpakowski	Education Faculty Building, Hall 302
	15:50-16:00	Sewerage Construction Project in Erbil City	Senior Civil Engineer Fazil Kareem Aziz	Education Faculty Building, Hall 302
	16:00-16:15	Water Recourses Management for better Water Supply Services	Mohammed Abdurahman Mahmood	Education Faculty Building, Hall 302
	16:15-16:25	Commentaries & Discussions		Education Faculty Building, Hall 302
	16:25-16:40	Coffee Break 3		Education Faculty Building, Hall 302
	16:40-17:00	Closing Ceremony		Education Faculty Building, Hall 302

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**Prof. Dr. Prof. Dr. Nadhir Al-ansari,**  
Participates from: **Lulea University of Technology**



## Biography:

I obtained his BSc and MSC degrees from the University of Baghdad in 1968 and 1972 respectively. I got my PhD degree from Dundee University in Water Resources Engineering in 1976. Now I am a Professor at the department of Civil, Environmental and Natural Resources Engineering at Lulea Technical University Sweden. Previously worked at Baghdad University 1976-1995 then at Al-Bayt University in Jordan (1995-2007). Research interests are mainly in Geology, Water Resources and Environment. Served several academic administrative post (Dean, Head of Department). Publications include more than 700 articles in international/national journals, chapters in books and 22 books. I executed more than 60 major research projects in Iraq, Jordan, Sweden and UK. Awarded several scientific and educational awards, among them is the British Council on its 70th Anniversary awarded him top 5 scientists in Cultural Relations. One patent on Physical methods for the separation of iron oxides. Supervised more than 70 postgraduate students at universities in Iraq, Jordan, UK, Sweden and Australia. Member of several scientific societies e.g. International Association of Hydrological Sciences, Chartered Institution of Water and Environment Management, etc. Member of the editorial board of 30 international journals.

**Date: 12/15/2021**  
**Time: 10:30 AM**  
**Location: TIU, Faculty of Education, Hall 302**  
**Zoom ID: 849 4671 2977**  
**Password:884437**



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**Professor Dr. Michał Szydłowski**

Participates from: **Gdańsk University of Technology**

## **Biography:**

He graduated from the Faculty of Hydro-Engineering at the Gdańsk University of Technology in 1993 in the field of Environmental Engineering (specialization in Water Management). There he started working as an assistant. He defended his doctoral dissertation in 1999 at the Faculty of Environmental Engineering GUT, obtaining the title of doctor of technical sciences in the field of Environmental Engineering. Then he was employed at the Department of Hydraulics and Hydrology as an assistant professor. Since the end of 2004, his professional and scientific interests have focused mainly on modeling the flow of water in watercourses and reservoirs in urban catchments. In 2008, he defended his habilitation thesis on the issues of physical and mathematical modeling of floods in cities. Currently, he is an employee of the Department of Hydro-Engineering, employed as an associate professor. He lectures and conducts classes in the field of Fluid Mechanics, Hydraulics and Hydrology and Numerical Modeling of Hydro-systems.



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**PhD. Candidate: Andam Mohsin Mustafa**

Participates from: **Gdańsk University of Technology**

## Biography:

Andam Mohsin Mustafa is a PhD candidate at the Gdansk University of Technology/Poland. He studied B.Sc. in civil engineering at Erbil Polytechnic University/ Kurdistan Region of Iraq. He obtained his M.Sc. in the same field at Gaziantep University/Turkey. He performed research on Optimization Method for Open Channel Lateral Cross-Section, as well as on the extreme rainfall events as a cause of urban flash floods in Erbil Kurdistan Region of Iraq, and The Impact of Spatiotemporal Changes in Land Development on the Increase in the Runoff Coefficient in Erbil, Kurdistan Region of Iraq.

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**Assistant Professor Dr. Wojciech Szpakowski**

**Participates from: Gdańsk University of Technology**



## **Biography:**

Ph.D. in environmental engineering. Technical Director in the Gdansk Water company. Assistant professor at the Department of Hydrotechnics, Faculty of Civil and Environmental Engineering, Gdańsk University of Technology. As an author or co-author, he has prepared about 50 publications in the field of hydraulics, hydrology, hydrogeology and over 20 expert works Co-author of the book: Surface Urban Retention System in Urban Adaptation to Climate Change (in polish), ed. PG 2019. He is a lecturer at the postgraduate study: Modern methods of engineering hydrology in water management.

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**Dr. Ali Rasheed**

**President of Erbil Provincial Council**



## **Biography:**

He was engineer in FAO UN Organization Irrigation as Field Officer and Manager of Directorate of Irrigation in Erbil Government and then from October,2007 up to May 2009 , he was director of Plan in ministry of water Resources. Then from May, 2009 up to 9 - 11 – 2011 , he was General Director of Planning and follow up in Ministry of Agriculture and Water Resources (MOA&WR), After that From 11 October, 2011 up to 10 July, 2014 he had the position of President of Erbil Municipality. Since 23 June, 2014 up to present he is the President of Erbil Provincial Council. he studied Ph.D. Civil Engineering/ Hasan Kalyoncu University- Turkey / Gaziantep October, and he got MSc. Institute For Water Education UNESCO-IHE , Netherlands, In Water Management – Water Resource Management in year 1985 - 1989 and he finished Undergraduate in University of Baghdad, College of Engineering, Irrigation and Drainage Department.

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**Dr. Mohammed Abdulwahid Nanekely**

Participates from: **Ministry of Municipality and Tourism/KRG**



## **Biography:**

Consultant Engineer, with thirty-one years of working experience in the Iraqi Kurdistan Region in different Civil Engineering disciplines, including buildings, roads, water & sewerage, RCC dams projects, and urban planning in both aspects of design and implementation. He holds a BSc degree in Dams & water resources from the University of Mosul in 1990, PG-Diploma also in Dams & Water Resources from the University of Salahaddin in 2010. Recently, he got a PhD degree in Civil engineering from the University of Salford-Manchester in the UK. his interest focuses on sustainable water resources management, drought analysis, and Sustainable Drainage Systems. Experienced in municipalities utility projects. Sustainable infrastructure design and stormwater management, including low impact design. Coordination and programming of the design and diversion of major multi-disciplinary public and private utilities. Project management skills; planning, directing, organising & documentation, and monitoring. Preparing detailed programs, contract management, multi-discipline teams' supervision, projects expenditure estimation, ensuring on-time project delivery, and procedural compliance and quality assurance. He has a number of published works on the aforementioned topics.

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**M.Sc. holder in Civil Engineering/Hydrology: Peshawa Barzan Ismael**

Participates from: **Ministry of Agriculture and Water Resource**



## **Biography:**

B.Sc. degrees from the University of Siahaddin in Erbil in 2005, Master degree in (civil engineering/Hydrology) from civil engineering department at Gaziantep University in 2013.

Government employee in General directorate of water resources in ministry of agriculture and water resources

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**PhD. Candidate: Azad Dezae**

Participates from: **Oregon State University.**



## **Biography:**

I have bachelor's degree in civil engineering from University of Dohuk in 2005. Master's degree in civil engineering, Gaziantep University in 2013. Currently pursuing PhD in civil engineering, Oregon State University.

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**Geologist: Hawkar Ajeeb Muhammed**

Participates from: **Ministry of Municipality and Tourism**



## **Biography:**

supervisor geologist in Director of Surrounding Water – Erbil Working in ( survey investigation of water , sampling ,Aerial photo interpretation, hydrogeological survey and drilling supervision of shallow wells, deep wells and hydraulic test pumping techniques,) - Head of department in the drilling of wells in Directorate of Surrounding Water – Erbil supervisor geologist for drilling ,pumping test and development over 400 boreholes in Erbil city and in various districts.

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**Senior Civil Engineering : Fazil Kareem Aziz**

**Participates from: Erbil Water and Sewerage Directorate**



## **Biography:**

Senior civil engineer with 26 years' experience, specialized in the installation, rehabilitation or reconstruction of water treatment plants, water networks and sewer-and-sanitation systems. Managed more than 100 Large, Middle and Small scale water-and sewerage projects, for Kurdish Regional Government, for the EJCC, and for UNDP's FFS stabilization programed.

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**Senior Civil Engineering : Mohammed Abdurahman Mahmod**

Participates from: **Private Sector**



## **Biography:**

I am Civil Consultant Engineer i served at MOMT General Directorate of Water & Sewerage for more than 32 years responsible for all Water and Sewerage Projects in KRG now i am Retired since 2019 working as a consultant with some companies also i have PMP certificate and a member of PMI at United State of America for the time being i am student at Salford University by online to get MSc and Phd in Project Management.

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