

MARCUS TESSEMA

DR USMAN KHALIL

Dr Khalil is a water resources engineer, interested in water resources management, flood adaptation, and water storage.

Dr Khalil has worked with Water and Power Development Authority (WAPDA), Pakistan and National Engineering Services of Pakistan (NESPAK) on World Bank and Asian Development Bank-funded projects, including the Dasu Dam Project, Sindh Water Sector Improvement Project, and Water Sector Capacity Building of Indus Basin. Dr Khalil has a teaching experience in Water Resources courses at the University of Wollongong Australia.

Dr Khalil holds a Bachelor of Civil Engineering and a Masters of Hydraulics and Irrigation Engineering from the University of Engineering and Technology Lahore, Pakistan. Dr Khalil

recently submitted his PhD Thesis in Water Resource Engineering at the University of Wollongong, Australia.

Dr Khalil is highly motivated to use his skills and experience to increase economic development through sustainable water resource management.

DR SUDEEP NAIR

Dr. Sudeep Nair is a water resources engineer with experience in urban water systems modelling.

Sudeep has been part of projects related to water-energy nexus modelling, sustainability assessment of urban water systems and life cycle assessment. He has advanced skills in simulation and optimisation modelling of integrated urban water systems, which encompass centralised and decentralised water supply systems. Sudeep is also skilled in data analysis and interpretation using various tools to enable decision making in the water sector. He has strong

knowledge and interests in water and wastewater management and agricultural engineering.

DR JIN WANG

Dr Jin Wang is a Senior Hydrologist in eWater.

His combined knowledge and work experience in areas of hydrology, computer science and GIS are unique. He has over 20 years of experience in hydrology, water resource planning and management, and environmental information management.

He is an expert in using hydrological and hydraulic models for flood forecasting, hydrological and hydraulic analysis, stormwater analysis, and water resource assessment. His expertise also includes analyzing large spatial and non-

spatial data to provide water/environment-related advice to policy areas within the Australian government agency.

Education BEng and Meng (Water), MSc(Eng. Hydro), PGDip(IT), PhD

2007 Doctor of Philosophy, Victoria University, Australia

1999 PG.Dip. in Computer Science, Victoria University, Australia

1995 M.Sc. in Eng. Hydrology (First Class Honours), National University of Ireland, Ireland

~1989 M.Eng. and B.Eng. in Water Resources and Hydrology, Hohai University, P.R. of China

DAXA BHUDIA

Daxa has eight years of Australian and overseas experience in the IT industry, leading and working with cross-functional teams across various domains, including Accounting, ERP systems, Supply Chain Management, Healthcare, Fleet Management, Logistics, and Oil & Gas. Daxa is experienced in .Net Development for Web Applications, Cross-Platform Mobile Apps, Desktop Applications, Web Services/APIs and Reporting Tools.

Daxa completed a Bachelor of Technology in Information Technology from CHARUSAT University, India.

TOM ROBERTS

Tom Roberts is the Desktop Applications Team Leader and Senior Software Developer. He has worked at eWater for 8 years.

PRAVEENI
PREMATILLEKE

FELICITY PAUL

Felicity has worked in office administration for more than 20 years, with 10 years corporate knowledge of eWater and its operations.

She worked previously as Executive Assistant to Gary Jones (Chief Executive), initially with the CRC Freshwater Ecology then eWater CRC.

In her present role as Executive Officer eWater, her goals are to develop a professional and approachable culture, with quality customer service. Her current focus is ensuring that

eWater maintains ISO 9001 accreditation.

JAMES NAUGHTON

James has a Bachelor of Business, specializing in Economics.

Throughout his career, James has shown a keen interest in environmental protection, focusing on implementation of sound Economic policies and practices in the field of Environmental protection.

Currently James is pursuing a Masters in Environmental Management Development policy.

KUAN BARTEL

Kuan is an experienced Senior Software Developer with a demonstrated history of working in government, research and environmental management industries. Kuan is skilled in Net Development for Windows Desktop Applications, Web Applications and Web Services, Unit Testing, Agile Methodologies, Software Requirements, and Environmental Modelling. Strong engineering professional with a Bachelor of Science (BSc) focused in Computer Science from the University of Melbourne as well as a Graduate Certificate in Environmental Management from the University of Queensland.

RUSSELL ROLLASON AM

On joining eWater in October 2019, Russell Rollason brought 14 years' experience in the Department of Foreign Affairs and Trade designing and

managing international development programs in water resource management in the Indo-Pacific region. He was instrumental in establishing the DFAT funded Australian Water Partnership.

A science honours graduate from the University of Queensland (Geology and Mineralogy), Russell also holds a Master in General Studies from the UNSW. In 1998, he was

appointed a Member of the Order of Australia, for services to international development and humanitarian aid through the Australian Council for Overseas Aid (ACFOA) and promotion of social justice in Australia.

In 2010-13, Russell served as First Secretary in the Australian High Commission to India where he expanded Australia's technical cooperation program with India in water resource management. He managed Australia's partnership with the World Bank regional South Asia Water Initiative. After joining AusAID/DFAT in 2005, Russell drafted Australia's first Mekong Water Resources Strategy and strengthened relations with the Mekong River Commission.

Russell has more than 20 years' experience in civil society organisations, having served 12 years as Executive Director for ACFOA (now the Australian Council for International Development) and four years as the elected Chair of the Geneva based International Council for Voluntary Agencies. He has also worked as a consultant and team leader for two Asian Development Bank technical assistance projects in Asia.

DR MUKTA SAPKOTA

Dr. Mukta Sapkota is a Civil and Water Engineer. Mukta is an experienced water modeller, who has worked in urban water systems and hydrology in Australia and Overseas.

Mukta has advanced skills in the use of simulation models and Arc GIS for evaluating urban water systems and is skilled in working with large datasets and numerical tools to solve

complex hydrological problems for strategic decision making.

JUANITA MOOLMAN

Juanita is a Hydrologist and Spatial Scientist with 35 years' experience in the water resources sector, in Australia and South Africa.

For 24 years, Juanita worked at the South African Department of Water Affairs, where she was involved in projects applying hydrological modelling, water quality analysis, monitoring network design and the provision of spatial solutions for aquatic habitat assessments and information to support catchment- and national-scale decision making. This often required working in

multidisciplinary teams with scientists from various universities and research institutions to achieve technical solutions.

From 2010 to 2012 she was part of the team which produced the Bureau of Meteorology's first Australian Water Resources Assessment report. She also has experience as a trainer and in providing client software support.

Education:

- BSc(Hons) Hyd, BSc(Hons) / MSc Geog
- 2012 MSc (Geography), University of the Free State, South Africa
- 2005 Higher Diploma in Education, University of Natal, South Africa
- 1998 BSc (Hons) Geography-GIS, University of Pretoria, South Africa
- 1984 BSc (Hons) Hydrology, University of Natal, South Africa

DR PARADIS
SOMETH

Dr Paradis Someth
specialises in
Hydrology and Water
Resources Engineering

with nearly two
decades of experience
working on water
resources
management issues in
the Greater Mekong
region.

Paradis is a principal hydrologist at eWater, specialising in the Greater Mekong. Previously, Paradis held senior roles at the Mekong River Commission Secretariat and the Institute for Technology Cambodia. Paradis has a deep connection with water resource engineering and profound understanding of the work of the Mekong River Commission and water resource development in the individual Mekong countries.

Paradis' expertise includes water balance analysis from plot-scale to basin-scale, irrigation and hydropower development, hydrological analysis and modelling of the Tonle Sap Lake and Mekong Basin. He is also interested in scientific data/information management, web-based river monitoring, basin development and planning, Decision Support System.

Paradis holds an Engineer Diploma in Rural Engineering from Cambodia/Belgium, Master's degree and PhD in International Environmental and Agricultural Engineering from Japan.

TRUDY GREEN

Trudy Green has worked in water resource management and policy for 20 years.

She has worked across the water industry, including in urban water and wastewater management, catchment management, river operations and water policy. Trudy brings to eWater extensive experience working in bringing together diverse parties to solve complex water management issues.

Trudy holds a Bachelor of Environmental Science (Hons) from the University of Wollongong and a Masters of Natural Resource Management from the University of New England.