

# MEET CHANNPISEY NOP, MEKONG WATER SOLUTIONS

## Channpisey Nop, Irrigation Engineer, Mekong Water Solutions

Water sustainability and scarcity is a real challenge for communities around Australia and internationally every single day. At eWater Group our role is to provide governments, decision makers, water managers, researchers and modellers the tools and expertise to make the right decisions when it comes to protecting our most precious

resource: water.

Our people are multi-talented and made up of hydrologists, software developers, water industry experts, international development professionals, and innovators, with a strong commitment to supporting sustainable water management.

Our reach is far and wide within Australia and internationally. eWater Group is responsible for the management of three divisions – eWater Solutions, the Australian Water Partnership, and Mekong Water Solutions.

Mekong Water Solutions, which is funded by the Australian Government, works closely with the World Bank, the Asian Development Bank, and the Royal Cambodian Government, with the skills and tools necessary to provide sustainable and accessible water to communities, farmers and industry across the region. We do this through innovative solutions, collaborative partnerships, and with local knowledge at the heart of everything.



Channpisey Nop, Irrigation Engineer, Mekong Water Solutions, is responsible for water balance analysis for irrigation system design, and water management system for river basins in Cambodia and brings a special understanding of how important of river managements are to the people of Cambodia.

With an Engineering Degree in Water Resources and Rural Infrastructure supported by the Asian Development Bank from the Institute of Technology of Cambodia, and a master's degree in water resources engineering with a Japanese Government scholarship from Kyoto University, plus years of experience in water resources engineering and infrastructure in both Japan and Cambodia; Channpisey brings a wealth of knowledge to Mekong Water Solutions.

*“I am grateful as a specialist on water resources engineering because I have a chance to share my knowledge and experiences for the development of water resources in Cambodia and in the Mekong region or even internationally through Mekong Water Solutions.”*

*“I enjoy going to the field to study the real issues that provide a better understanding to solve those problems. The main inspiration for my role is when I can directly support the farmers who could get benefit from our work.”*

One key project Channpisey has been part of is the World Bank Cambodia Water Security Improvement Project which is focused on improving water security and increasing water productivity in river basins in Cambodia.



*“This project is a real challenge for us [Mekong Water Solutions] to deliver quality work and solutions for our partners and safeguard water availability for Cambodia’s economic development – it is a very important project that will ensure water security for the whole of Cambodia.”*

Water scarcity is a major concern for the region which faces many challenges including the reliability and variation of water flow, erosion, and of course climate change.

*“Mekong Water Solutions with technical support from*

*Australian expertise in combination with local experiences could effectively solve water issues in the country and in the region. We have many tools developed in Australia that can help with in-country issues such as eWater Source.”*

eWater Source is Australia’s own National Hydrological Modelling Platform, developed over thirty years and underpinned by world-class science and technical innovation to provide real-time information on water scarcity and resources. eWater Source is used by governments, decision-makers, water managers, modellers and researchers, in Australia and internationally.



Channpisey is a real champion of support more women and girls into the water sector in Cambodia and in the life of

society.

*“The woman performs the role of wife, partner, organizer, administrator, director, re-creator, disburser, economist, mother, disciplinarian, teacher, health officer, artist, and queen in the family at the same time. Apart from it, woman plays a key role in the socio-economic development of society.”*

*“Globally, women have become engines for economic growth. Achieving gender diversity in enterprises is of critical importance to improving business outcomes. Women are often under-represented in the academic and professional fields of engineering, and not enough women have contributed as much as they should be able to the diverse fields of engineering historically and now.”*

*“For example, at Mekong Water Solutions, I am the only female engineer, so more work needs to be done to support more women and girls in engineering, but we are committed to doing that.”*

*“We need to encourage women and girls to feel supported to*

*be innovative in the water space, need more value from people around them for their skills by providing more benefits for their hard work, encouraging them to believe in themselves.”*

*Who are we?*

*eWater Group is owned by the Australian Federal, State and Territory governments to further develop Australia’s world-class modelling tools and to provide support and training nationwide and internationally.*

*Our organisation is comprised of three divisions – eWater Solutions, the Australian Water Partnership and the Mekong Water Solutions to deliver water management solutions for communities in Australia and overseas.*

*We also partner with the Australian Department of Foreign Affairs and Trade, and research groups and institutions to provide expertise and support for sustainable water management solutions in Australia and internationally, now and into the future.*