



DR. MATTHEW MCCARTNEY



Dr. Matthew McCartney has over 25 years of experience in natural resource management, hydrology and hydro-ecological research. Currently he is the research group leader of Sustainable Water Infrastructure and Ecosystems at IWMI's HQ in Sri Lanka. His experience stems from participation in a wide range of research and applied projects, often as part of a multi-disciplinary team, frequently as project leader. He is experienced in data collection, extension of data records, application of hydrological methods and the calibration and use of computer models as well as planning, designing, managing and coordinating research studies. He has worked on and managed projects dealing with:

- i) decision support systems for large dams*
- ii) water storage and climate change*
- iii) agricultural and competing water use*
- iv) the role of wetlands in supporting livelihoods*
- v) hydropower*
- vi) integrated water resource management.*

Matthew was a steering committee member on the UNEP Dams Development Project (2002-2004) and from 2007-2015 was a member of the Ramsar Science and Technical Review Panel, where he led the working group on wetlands and agriculture.

Matthew has been active in IWMI's capacity building activities through the supervision and mentoring of many interns and MSc and PhD students. Prior to joining IWMI, Matthew worked as researcher in different sections of the Centre for Ecology and Hydrology in the UK where, amongst other things, he was involved in conducting broad ranging reviews for national and international organizations such as the UK Department For International Development (DFID), the World Conservation Union (IUCN), the United Nations Environment Programme (UNEP) and the World Bank. Matthew has published extensively and is sole author or a major contributor to over 100 peer reviewed publications and more than 120 project and consultancy reports.