

**PROFILE**

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Integrated aquaculture systems specialist:

- Over 30 years' technical leadership and policy guidance on sustainable aquaculture with experience covering freshwater and marine aquaculture systems and engagement with government, university, development agencies, NGOs and private sector.
- Leadership of multi-national and multi-stakeholder research and development teams over more than 25 years, with geographical experience in Africa, Asia, Europe and the Pacific.
- More than 140 research publications covering aquaculture technologies, aquatic farming systems, water quality, environmental and sustainability assessments of aquaculture, aquaculture policies and sector development strategies. 49 peer-reviewed papers and book chapters.

**EMPLOYMENT**

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2014 to date	Program Leader, Sustainable Aquaculture, WorldFish, Malaysia
2008 – 2014	Principal Scientist, Aquaculture and Genetic Improvement Discipline, WorldFish, Malaysia
2003 – 2008	Program Manager, Aquaculture, Intergovernmental Organisation of the Network of Aquaculture Centers in Asia-Pacific (NACA), Bangkok, Thailand
1994 – 2003	Aquaculture and Environment Specialist, Intergovernmental Organisation of the Network of Aquaculture Centres in Asia-Pacific (NACA), Bangkok, Thailand

**EDUCATION**

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1982	PhD Aquaculture and Fish Behaviour, University of Stirling, Scotland, UK
1979	BSc (Hon), Biological Sciences, University of Lancaster, UK

**SELECTED RECENT PEER-REVIEWED PUBLICATIONS**

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- Karim, M., Sarwer, M.H., **Phillips, M.J.**, Belton, B. (2014) Profitability and adoption of improved shrimp farming technologies in the aquatic agricultural systems of southwestern Bangladesh. *Aquaculture* 428–429: 61–70.
- Cleasby, N., Schwarz, A.M., **Phillips, M.**, Paul, C., Pant, J., Oeta, J. Pickering, T., Meloty, A., Kori, M. (2014) The socio-economic context for improving food security through land based aquaculture in Solomon Islands: a peri-urban case study. *Marine Policy* 45: 89–97.
- Jonell, M., **Phillips, M.**, Rönnbäck, P., Troell, M. (2013) Aquaculture certification: Does it make a difference? *Ambio* 42 (6): 659–74.
- Bene, C., Allison, E., **Phillips, M.** (2011) The Forgotten Service. Food as an Ecosystem Service from Estuarine and Coastal Zones. In van den Belt M. and Costanza R. (eds) *Ecological Economics of Estuaries and Coasts*. Waltham, MA: Academic Press.

**OTHER EVIDENCE OF LEADERSHIP, PROGRAM MANAGEMENT AND DELIVERY**

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Contributions to global aquaculture policy documents (FAO, World Bank); leadership of scientists and development consortia addressing several key aquaculture development challenges over the past three decades, including post-earthquake and tsunami rehabilitation (with ADB, FAO) and assessments of impacts of aquaculture on the environment and ecosystem approaches to aquaculture (with World Bank, WWF and FAO). Major grants awarded: Solomon Islands Aquaculture (ACIAR AUS 1.2M); Aquaculture and the Poor (GIZ, €1.2M); Aquaculture for Food Security, Poverty Alleviation and Nutrition (European Union FP7: total project €1.2M); Sierra Leone integrated agriculture-aquaculture (USAID, USD 3M). Recipient of World Bank “Green Award for 2006” (for research and development of the *International Principles for Responsible Shrimp Farming*). Member, Program Management Committee, Livestock & Fish. Theme Leader, Productivity, AAS.

**ROLE IN FISH**

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Flagship Leader, FP1 Sustainable aquaculture