

Biography

Speaker: **Quentin Shaw**

Position: **Director, Dams & Hydro**

Company: **ARQ Consulting Engineers, South Africa**

Quentin graduated in 1983, and has since worked exclusively in dams and hydropower. His particular areas of specialisation are Roller Compacted Concrete and arch dams. He was a founding partner of ARQ (Pty) Ltd consulting engineers, where he has been the director for dams and hydropower since 1993.

Quentin's experience has included a wide variety of work on over 100 dams, from 5 to 280m in height, in 25 countries. He has been involved in the design and construction of RCC dams in Turkey, Oman, Panama and South Africa, with over 2.5 million m³ placed to date.

Quentin is an elected member of the SANCOLD committee and he serves on the ECSA committee for the approval of professionals for work on dams in South Africa. He has also been a member of the Client's expert review panel on 5 major projects to date.

Quentin has published more than 30 papers on various aspects of dam engineering and he authored the "Concrete Dam Engineering" Chapter of the UNESCO Encyclopaedia of Life Support Systems (2002) and the chapter on RCC for dams in the 9th edition of Fulton's Concrete Technology (RSA 2009). He recently submitted his PhD thesis, which presents a new understanding of the early behaviour of RCC in large dams.