

and other towns—also drainage, water supplies, harbour improvements, etc. At the same time he was President of the Hunter District Water Supply.

From 1934 until his retirement in 1937, Mr Ross was appointed principal engineer of water supply and sewerage to the NSW Public Works Department.

He was elected an Associate Member in 1899 and became a Member in 1935. He is survived by a daughter.

RUSTUM KAIKHUSHRO NARIMAN, who was born on 25 May, 1877, died on 16 November, 1962.

Educated at St Xavier's College, he studied engineering from 1894 to 1899 at the College of Science and the Royal Indian Engineering College, Cooper's Hill, passing with honours.

His early experience under the late Mr H. J. Johnson (M) on the construction of Rasul Weir on the Jhelum Canal was followed by two years spent on remodelling the main line of the Delhi Branch and distributing channels. In 1904 he investigated the leakage of water in channels of the Jumna River, and the following year was in charge of the Shong Branch, as Executive Engineer. The next three years were spent on surveys and construction of the Royla Branch of the Upper Chenab Canal, on river training works, and remodelling channels in the Multan Division, and as Executive Engineer under Mr Scratchly on the Lower Chenab Canal. From 1908 onwards he served as Executive Engineer under the Government of India (Irrigation Branch), and in that year he made a study of hydraulic and irrigation works in Belgium, Holland, Italy, and Egypt.

After a year spent on river training works for Dera Ghazi Khan City, he was engaged from 1910 to 1912 on remodelling and constructing new channels in the Multan District under Messrs Davis & Pellereau. For the same firm in 1913 he worked on the water supply for Dera Ghazi Khan and constructed river flood embankments. The following year he was in charge of the Hissar Division, Western Jumna Canal, and also visited hydraulic works in Burma, Madras, Ceylon, and Bombay.

Mr Nariman was an expert on drainage and irrigation, river-training and canals, and the Indian Government facilitated his studies in Europe, Egypt, Burma, Ceylon, etc. He travelled widely, touring Iran, Russia, the Federated Malay States, China, Japan, Manchuria, Mongolia, the Dutch East Indies and Australia, and was consulted wherever he went. In 1929 he attended the World Engineering Congress in Tokyo and presented papers for discussion: he was also a delegate to the first Congress on Large Dams in Scandinavia and the centenary celebrations in Melbourne.

Mr Nariman was a member of the American Society of Civil Engineers, the Engineering Institution of Canada, the Institution of Engineers, Australia, and the Institution of Engineers (India). He was also a fellow of the Royal Geographical Society and at one time member of the Royal Asiatic Society of Bengal and of the American and Chinese Engineers' Associations.

Elected an Associate Member in March 1903, he became a Member in January 1916.

He is survived by a brother, Major J. K. Nariman (Ret'd).