

Professor Arie van Riessen

Brief CV

Arie has been involved with the development of geopolymer technology for about 15 years with a strong focus on creating an awareness of the sustainability of geopolymers manufactured from industry by-products. A highlight of this has been the utilisation of spent Bayer liquor to make geopolymers that have been shown to have a very low embodied energy compared with Ordinary Portland cement. In recent times Arie's research has focussed on optimising the fire resistance of geopolymers using local fly ash.