



Prof Basil Brooke – Biosketch

Associate Professor Basil Brooke is the head of the NICD's Vector Control Reference Laboratory, Centre for Emerging Zoonotic & Parasitic Diseases, and is a member of the Wits Research Institute for Malaria (WRIM), University of the Witwatersrand. He is Managing Editor of the NICD's Public Health Bulletin and is integrally involved in its further development as the leading publication for public health intelligence in South Africa.

His collaborative research work over the past 20 years has primarily focused on identifying the entomological drivers of malaria transmission, especially insecticide resistance, and vector species assemblages and their corresponding behavioral/physiological traits. This work applies directly to the development of strategies designed to maintain effective malaria vector control in South Africa and the greater southern African region.

He is also involved in the assessment of enhanced vector surveillance techniques, operational procedures for malaria outbreak response, new vector control products and alternative methods of control. Prof Brooke regularly consults with the World Health Organization (WHO) and United Nations Environment Program (UNEP) on technical issues relating to malaria vector control policy and practice, and serves on national and regional committees as part of the drive toward malaria elimination in southern Africa.