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Leon D van Rensburg

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Salt management of irrigated soils

Biography

Leon Daniel van Rensburg is a soil physicist lecturing soil and water management at the University of the Free State, South Africa. He established and maintained a vibrant post-graduate research team, which currently consisted of 2 post-doctoral fellows, 4 doctoral students and 8 master students. The team focus mainly on soil and water management of dryland, irrigation as well as natural field and they published in the last 6 years about 45 scientific articles. He is leading two projects of national importance for South Africa, viz. (i) Management guidelines for technology transfer to reduce salinisation of irrigated land with precision agriculture funded by the Water Research Commission and (ii) the soil water balance of the Ghaap Plateau as influenced by open cast mining funded by Sishen Iron Ore Company (Anglo American Kolomela). Both projects are scheduled for five years.

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