

Title : The resistivity renaissance and new images of the subsurface.

Summary

The past 25 years has seen a revolution in the ERT method where the use of 2-D and 3-D ERT surveys have spread to practically every country in the world. This was driven by hardware and software developments both in the developed and emerging world. More realistic resistivity images of the subsurface are now possible at a relatively low cost. It has been used to map mineral deposits worth billions, to more humble resources such as groundwater in rural areas. This talk will cover the recent developments that made this possible and some future challenges.