

NORM Sampling & Metrology

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The evolution of monitoring systems for the characterization of areas with naturally occurring radioactive materials in Brazil is presented.

Initially with the use of basic radioprotection equipment and evolving to more sophisticated equipment allowing an evaluation of large areas in oil exploration and production units.

In the next step, a methodology was developed that allowed the estimation of public doses in regions with higher levels of naturally occurring radioactive material.

It is intended in the future to include this technology available to support research and licensing actions for facilities that handle naturally occurring radioactive material.