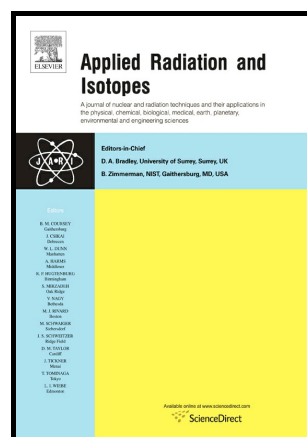


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Advancements in NORM metrology - Results and impact of the European joint research project MetroNORM

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**Advancements in NORM metrology - Results and impact of the European joint research project MetroNORM**

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**Abstract**

The results of the three years European Metrology Research Programme's (EMRP) joint research project 'Metrology for processing materials with high natural radioactivity' (MetroNORM) are presented. In this project, metrologically sound novel instruments and procedures for laboratory and in-situ NORM activity measurements have been developed. Additionally, standard reference materials and sources for traceable calibration and improved decay data of natural radionuclides have been established.

**Keywords**

Natural radionuclides, NORM, radionuclide metrology, in-situ alpha spectrometry, decay data

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