

QUALITY OF FORMATION WATER FROM THE NIGERIAN OIL FIELDS FOR BALNEOTHERAPY

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The 21st century medicine seeks to offer Medicare at lower, more affordable rates. The need to create more access to health care delivery, and explore more therapeutic options informed the desire to undertake a research with an interdisciplinary outlook, linking geology and medicine.

Standard sampling laboratory procedures were applied to the formation water samples collected from oil companies in the Niger Delta in set between longitudes 30E - 90E and latitudes 40301N - 50201N. Results reveal favourable conditions for balneotherapy, climatotherapy, and other associated therapies within and around the Niger Delta area. Preponderant medicinal water types include mineral, hypothermal, alkaline, chlorosodic, iodinated, brominated, fluorinated, lithic and borous waters. Prospects for development in the health and economic sectors of the nation (Nigeria) through this resource are reassuring.

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