

AVALIAÇÃO DA PRECIPITAÇÃO DIÁRIA DO ESTADO DE SERGIPE UTILIZANDO ANÁLISE DE LACUNARIDADE

Leandro Ricardo Rodrigues de LUCENA¹
Tatijana STOSIC¹
Moacyr CUNHA FILHO¹

- *ABSTRACT: In this work we evaluate temporal variability of daily precipitation registered at meteorological stations in the state of Sergipe using the method of lacunarity. The results show that in the coastal region precipitation series demonstrate lower lacunarity (indicating more homogeneous behavior) while in the semiarid and in the dry regions precipitation demonstrates higher lacunarity (indicating more heterogeneous behavior). It is shown that clustering of calculated lacunarity values can be used to identify geographical regions with characteristic temporal variability of precipitation.*
- *KEYWORDS: Lacunarity; rainfall; Sergipe.*

¹Universidade Federal Rural de Pernambuco - UFRPE, Departamento de Estatística e Informática, CEP: 52171-900, Recife, PE, Brasil. E-mail: leandroricardo_est@yahoo.com.br; tastosic@gmail.com; moacyr@deinfo.ufrpe.br.