

## **Abstract**

The aims to study and analyze the effect of climatic characteristics in the study area on the incidence of a group of skin diseases and to explain the correlation between climate characteristics and skin disease injuries. Badra, Al-Azizia, Al-Kut, Al-Hay) for the period from (2010-2020), in addition to determining which elements and climatic phenomena have the greatest contribution to the emergence of diseases, in addition to revealing the spatial and temporal variation of the injuries of the group of skin diseases that are under study According to the variation of climatic characteristics

The study relied on the experimental approach and the statistical method in dealing with the climatic data adopted in the study, and the analysis of temporal and spatial relationships, which sets a logical pattern for the geographical method and a scientific interpretation of the study, as well as the use of the statistical method that explains the relationships and correlations between climate characteristics and diseases, and by using the method of reasoning, the coefficient was used Correlation, regression, and coefficient of interpretation by using graphic and statistical figures and using (Excel) program.

The study reached a set of conclusions, the most important of which is that there are spatial differences in the number of people with skin diseases in the two governorates of the study area. While people with eczema come at the forefront of diseases in Baghdad Governorate with (182,455 infections), while at the level of Wasit Governorate, the total number of infected people has reached about (122,066 infections), while Kut district comes at the forefront of its districts with (30545 infections), and eczema comes in The top disease in the governorate with (50,994 injuries). In addition to temporal variations in patients with skin diseases in the study area at the monthly and quarterly levels. During the winter, cutaneous leishmaniasis, scarlet fever, and scabies appeared, specifically during January and

February, while during the spring season, eczema, measles, and chicken pox came first, while During the summer, molluscum contagiosum and impetigo are common, and in the fall, psoriasis is common.

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# **The effect of climate in skin diseases in the provinces of Baghdad and Wasit**

**A Thesis Submitted**

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