

## **The roll of the size and concentration of the particles emitted to atmospheric air on the climatic change.**

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The precipitations process are of the more important in to determinate the characteristics of the climate to any geographic region.

For this reason, the change in this process because to particles emitted to the atmospheric air will impact in the climates change of a determinate region (CCN). The two more important factors that influence in to the precipitation process change are:

1. The Kelvin critical radio of the initial drop.
2. The particles concentration of the emission.

Depending on value of this parameters, the natural precipitations process of a determinate region can increase or decrease, producing over time a notable climatic change.

The present study, had permitted to developed a model in order to can calculate the threshold value of these parameter to know if to determinate atmospheric situation, the particles emission increase or decrease the natural precipitations regimes.