

**SISTEMA DE ALERTA TEMPRANA PARA HUAICOS USANDO SERVICIOS
PUBLICOS EN LIMA**

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Abstract:

Lima is a region that is constantly affected by moderate rainfall due to its dynamic and dynamic climate generated by factors that are very constant in Lima, such as the trade winds, the Pacific anticyclone and the Andes. Chosica is a city located in the department of Lima very close to the Andes mountain range, due to the mentioned factors suffered by Lima; The ravines that create this mountain range suffer landslides due to the constant rains that occur in the region of Lima, that's why we will try to design a private network to transmit the early warning signal through public services such as traffic lights, public sirens using a gsm technology with what we will do becomes a mass communication system so that citizens take precautionary measures with a few minutes in advance and that does not affect us as much.

Palabras Claves: Semáforos ip, servicios públicos, Red Privada GSM, huaicos, Gestión de Riesgo.