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# THE EFFECT OF HEAT RADIATION FROM GAS FLARING IN AGHIGHO AREA OF DELTA STATE

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The impaact of Nigeria's gas flaring is of local and global concern. Time has therefore come, when one must worry, about the effects on the environment, since the impacts of the danger could be wide to effect change in precipitation and other local climate conditions, regional climate, forests, crop yields, water supplied, human health,

animal and many types of ecosystems, Imevbore, (1981). The evaluation of heat radiation was determined in the Niger Delta area of Nigeria. Aghigho village was considered under this work. A model was developed for the prediction of the quantity of heat radiated. A computer programme was than developed and simulated to give the required results. The simulated values show that increase in the volumes of gas flared leads to a coresponding increase in the quantity of heat reflected. The distances considereed from the point of flare were 100m to 1000m at a continuous interval of 50m. It was observed that the farther the distance from the point of flare, the lesser the heat reflectd as shown from the simulated results. It was also observed that the distances between 100m and 850m are unsafe zones for human habitation.