



## **Ionizing radiations, underground world and nuclear tests in Algeria**

Allel Chama

Department of Occupational Health, Etablissement Public de Santé de Proximité d'Es-Sénia ,Oran, Algeria  
(chama\_a@yahoo.fr)

Today, the exposure to ionizing radiations, is still a real great physical hazard in the world at various levels until the nuclear tests which led to a rich and lawful debate, and needs the installation of preventive rules through technical and medical aspects during the use of the radioactive sources, (theradioprotection). Concerning the occupational health, the pathology of the ionizing radiations is repaired under occupational disease. Our interest is to highlight this physical hazard, which represents an important chapter of the occupational pathology in its effects and prevention of the workers exposed in Algeria. The second aim of the paper is to highlight the historical aspect of the risk of ionizing radiations and consequences causes by the French nuclear tests in In Eker (underground galleries of the mountain of Hoggar in the south of Algeria in 1961), whose effects present a great damage on the health of the Algerian captive, and “workers”, indigenous population and environment until now. This event deserves its place as much as that of Hiroshima and Nagasaki (1945).