



## Collaborations and Future Outlook

Taking into consideration the wide range of the activities of the company in the field of environmental services and analysis, different organizations/companies especially in radiation services, could benefit the services this company presents.



Industries related to radiation activities

Oil and gas industry, phosphate industry, metal mines and etc. need to manage their NORM wastes. IRWA is ready to present services in relative fields from monitoring and measurements, consultation to waste management.



Environment protection organizations and relative companies


In the light of the objective of the environment protection organization, IRWA is ready to present environmental services with radiation approach to monitor and evaluate radionuclides in different environmental media.

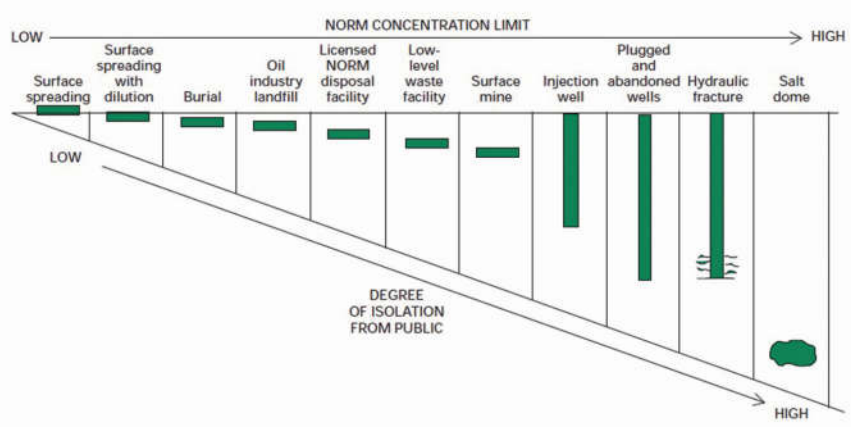




# Natrually Occurring Radioactive Material (NORM)

In most human activities dealing with raw and natural materials, radioactivity is as much as background radioactivity and there is no concern about radiation protection but some of these activities expose the human to natural materials radioactivity. The industries which mainly increase the concentration of natrual radionuclides include:

-   
 Metal mining and  
melting
-   
 Rare earth minerals  
mine
-   
 Building industry
-   
 Phosphate fertilizers  
production industry
-   
 Coal mines
-   
 Oil and gas  
industries



In the mentioned processes, the concentration of natural radionuclides on the surface increases. Being exposed to these radionuclides could endanger the environment and human health. Globaly, this type of waste is identified and classified as naturally occurring radioactive material (NORM) and has to be managed based on the rules and regulations of radioactive materials management.