

PUBLICATION:
REFEREED PUBLICATIONS

• **Journal Manuscripts**

1. **Banerjee K.S.** and Sengupta D. (2010). Distribution pattern of the in situ terrestrial gamma radiation in uranium mineralised Singhbhum Shear Zone, Jharkhand, India and its correlation with local geology. *Current Science*, V. 98, p. 76-81. (**Impact Factor: 0.967; Number of Citation: 2**)
2. Sahoo B.K., Mayya Y.S., Sapra B.K., Gaware J.J., **Banerjee K.S.** and Kushwaha H.S. (2010). Radon exhalation studies in an Indian uranium tailings pile. *Radiation Measurements*, V. 45, p. 237-241. (**Impact Factor: 1.071; Number of Citation: 34**)
3. **Banerjee K.S.**, Basu A., Guin R. and Sengupta D. 2011. Influence of Radiogenic Source and Porosity on Radon Exhalation: A Comparative Evaluation for Rocks. *Radiation Physics and Chemistry*, V. 80, p. 614-619. (**Impact Factor: 1.207; Number of Citation: 6**)
4. **Banerjee K.S.**, Sharma S.P., Sarangi A.K. and Sengupta D. (2011). Delineation of subsurface structures around an Indian U-tailings pond, Jharkhand, India using an integrated Resistivity, VLF and radiometric survey and its hydrogeological implication. *Physics and Chemistry of the Earth*, V. 36, p. 1345-352. (**Impact Factor: 1.297; Number of Citation: 3**)
5. **Banerjee K.S.**, Guin R., Gutierrez-Villanueva J.L., Charro M.E. and Sengupta D., (2012). "Variation in U-238 and Th-232 enrichment in U-mineralized zone and geological controls on their spatial distribution, Singhbhum Shear Zone of India" *Environmental Earth Sciences*, V. 65, 2103-2110. (**Impact Factor: 1.765; Number of Citation: 3**)
6. **Banerjee, K.S.** and Melville, R.S. (2015), "Preliminary Investigation of Geotechnical Properties of the Rock Aggregates Commonly Used for Civil Engineering Construction in Trinidad and Tobago", *West Indian Journal of Engineering*, V.38, No.1, July, pp.15-21. (**Impact Factor: 0.293; Number of Citation: 0**)
7. **Banerjee K.S.**, and Sengupta D. (2015), "Importance of radon studies in rural areas and correlation of indoor radon level with radon inventory", *Int. J. Low Radiation*, V. 10, 48-60. (**Impact Factor: 0.21; Number of Citation: 0**)
8. **Banerjee, K.S.** (2017). Geochemical Speciation and Exposure Assessment of Heavy Metals in the Mainstream and Tributaries of the Caroni River System, Trinidad: Case Study from a Developing Country. *Int. J. Agri. and Env. Research*. V. 3, 2520-2545. (**Impact Factor: Not available; Number of Citation: 0**)

• **Conference Proceedings**

1. Sahoo, B.K., Eappen, K.P., **Banerjee, K.S.**, Ramachandran, T.V., Sengupta D. and Mayya Y.S. (2008). Radon flux from a uranium tailings pond- A comparative study between measured and estimated values, **Proceedings of Sixteenth National Symposium on Environment, Hissar, India**, p. 251-256.
2. Bose, T., Misra, S., **Banerjee, K. S.**, Chakroborty, S., Newsom H. and Reddy K. (2010). Gamma (γ) – Ray Mapping of Ejecta around Lonar Asteroid Impact Crater, India. **In 41st Lunar and Planetary Science Conference**, the Woodlands, Texas. LPI Contribution No. 1533, p.1549.
3. **Banerjee K. S.** and Sengupta D, 2008. The role of geological parameters on the ambient gamma radiation and radon flux from the rock formation near Singhbhum shear Zone, near

Jaduguda, Eastern India, *Proc.28th National Conference on Management of Nuclear and Radiological Emergencies (IARPNC – 2008)*, Jodhpur, India V. 31, No. 1-4, p. 358-361.

4. **Banerjee K.S.**, Guin R. and Sengupta D. (2010). Radon emanation and its geological control from selected rock samples, around Jaduguda, India. *Proc. 2nd International Conference on Application of Radiotracers in Chemical, Environmental and Biological Sciences*, SINP, Kolkata, India, V. 3, 214-216.
5. **Banerjee K.S.** and Baijoo A. (2018). Measurement of Terrestrial Radiation Level in a Neotectonic Fault System in Trinidad. *VI. Terrestrial Radioisotopes in Environment International Conference on Environmental Protection*, Veszprém, Hungary.

PUBLICATIONS IN NONPRINT/MULTIMEDIA

1. **Banerjee K.S.** and Sengupta D. (2008). Measurement of ambient Radioactivity and Radon dispersion around Uranium Tailings Ponds, Jaduguda, Jharkhand, Eastern India. *In Indo-Korean Joint International Symposium on Geo-Science and Technology: Utilization of Geo-Space as Solution for Energy and Environment*, IIT Kharagpur, India and Korean Institute of Geoscience & Mineral Resources (KIGAM) 30 Gajeong-dong, Yuseong-gu, Daejeon 305-350.
2. **Banerjee K.S.** and Jittan L. (2015). The Distribution of Heavy Metals in Sediments of the Caroni River – A Preliminary Investigation. *20th Caribbean Geological Conference*, Port of Spain, Trinidad and Tobago.

WORK NOT YET PUBLISHED:

Under review:

1. Perception of Middle and Low Income Communities on Separation of Household Waste in the Caribbean Region: A Case Study from Trinidad, submitted to Habitat International dated 24.02.2018.
2. Measurement of Terrestrial Radiation Level in a Neotectonic Fault System in Trinidad submitted to Journal of Environmental Radioactivity.