



**T11.8 - Medical Geology**

*Date* **Wednesday, 31 August 2016**

*Time* **10:30** to **12:00**

*Chair*

*Room* **Westin - Victoria & Alfred**

<b>Times</b>		<b>Paper # Title</b>	<b>Speaker</b>	
10:30	11:00	5577 Medical Geology on a Dynamic Planet: Prosperity, Poisons and Providence	Dr. Kim Dowling	Keynote
11:00	11:15	2117 Mapping the geochemical environment of urban areas	Mr. ALECOS DEMETRIADES	
11:15	11:30	3053 Metal accumulation in Australian fungi: Uptake, Toxicity and Risk	Dr. Kim Dowling	
11:30	11:45	1574 Groundwater Pollution with Organoarsenic Compounds (DPAA) and Sustainable non-polluted Groundwater Utilization for the Irrigation in the Paddy Fields	Professor Hisashi Nirei	

Times		Paper # Title	Speaker	
14:00	14:15	2855 Elongated mineral particles in iron and gold mines? An exploratory study from Quebec, Canada	Prof. Felix Gervais	
14:15	14:30	255 IDENTIFICATION OF THE GEOGENIC SOURCE OF FLUORIDE IN THE GROUNDWATER OF CHITTUR-KOLLANGOD AREA, PALAKKAD DISTRICT, KERALA, INDIA.	Mr. R Sajeev	
14:30	15:00	5323 Africa: A natural laboratory for medical geology investigations	Professor Hassina Mouri	Keynote
15:00	15:15	2238 Risk Analysis of South African Mine Tailings: Investigating the transfer factor from source to receptor	Mr. Jandre De Wet	
15:15	15:30	5410 Metal transfer ratios from soil to plants and the risk they pose to human and livestock: An example of the Berg Aukas and Tsumeb mining districts, Namibia.	Prof. Benjamin Mapani	

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Times		Paper #	Title	Speaker
16:00	16:15	3566	Toxic elements in vegetables from gold mining sites in Zimbabwe: Implications for human health	Ms. Daina Mudimbu
16:15	16:30	1059	Health impacts of the Pilanesberg Complex and the Rustenburg Layered Suite on communities in the Mabieskraal-Mabaalstad areas in the North West Province	Ms. Refilwe Shelembe

Times	Paper # Title	Speaker
	4105 Clay minerals and clayey soils as possible microorganisms repository	Mr Uchenna Okereafor
	3898 Strategies for a sustainable healthier workforce in coal abrasiveness index determination unit operation	Prof. Antoine F Mulaba-Bafubiandi
	850 Investigating geogenic lead contamination and its effects on health in kilifi area, kenya	Miss Christa Koki
	4945 Clayey soil geophagia and possible mitigation processing for safe consumption	Mrs Adeline Megne
	1392 RADIOLOGICAL IMPLICATION DUE TO HEAVY MINERALS IN SURFACE SOIL FROM DITRAU MASSIF -EASTERN CARPATHIANS, ROMANIA	Dr. Delia Dumitras