

EDITORIAL

## Advancing Studies in Education, Science and Technology

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Papers in this edition of the *iscest* journal cover education, management sciences, environmental and agricultural sciences and technology. The edition begins with papers on education which include a discourse on comparative knowledge that examines 'the structure of knowledge as represented in the school curriculum and the academic traditions that divide knowledge into separate disciplines, each with its own distinct content and methods'.

Papers on agriculture and environmental sciences discuss environmental issues relating to degradation of the environment, bioremediation, and food scarcity, and building the capacity for environmental policy making to protect fragile ecosystems. Oilfield wastewater clearly had serious deleterious effect on soils quality leading to eco-toxicological and agro soil fertility problems that could create an artificial food scarcity. The presence of bacteria and polycyclic aromatic hydrocarbon (PAHs) in smoked fish pose health risk both to the handlers and consumers. The carcinogenic nature of PAHs and its ability to bioaccumulate in the body may predispose the persons to cancers. Both pure and mixed cultures of hydrocarbon utilizing bacteria and fungi possess the potential to biodegrade polycyclic aromatic hydrocarbons (PAHS) in effluents from a crude oil export Terminal and are potential agents of bioremediation of environment impacted by PAHs. The presence of enteric organisms such as *E. coli*, *Enterobacter* and *Salmonella* indicate

faecal contamination of dug well waters which is a serious public health concern. These well waters are therefore of poor water quality not suitable for consumption.

Other papers in this volume include one on enterprise and two on technology. All together there are thirty papers—every paper seeking to advance scholarly work in education, science and technology. We invite you read through and recommend the journal to your colleagues.