

Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_76932
Title of the Manuscript:	Physicochemical Characteristics of Organophilic Clay Developed using hexadecyltrimethylammoniumchloride (HDTMAC) Modifier
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The research is focused on natural clays from Unwana in the South Eastern part of Nigeria. Authors modified these clays with hexadecyltrimethylammonium chloride salt and characterized the original and modified clays by X-ray Fluorescence (XRF), Fourier Transform Infra-red (FTIR), X-ray diffraction (XRD), thermo-gravimetric analysis (TGA), and the results obtained were compared with that of the source clay. The data collected, clearly reported and properly discussed, highlight the potential use of the clays examined and, in particular, assumes specific applications of the modified clay as a catalyst for pollution and other industrial processes. Overall, there are no noteworthy critical issues to review. The work is technically sound and it is believed that the contribution is acceptable for publication as it is.	Noted with thanks
Minor REVISION comments	No comments	
Optional/General comments	The manuscript is suitable for publication.	Ok

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	