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RECENT PAPERS IN CLAYS AND CLAY MINERALS

- Synthesis and characterization of zeolite NaY using kaolin with different synthetic methods. *Tavasolia M, Kazemianb H, Sadjadic S, Tamizifard M*
- An integrated methodological approach for source clay determination of ancient ceramics: the case of Aegina Island, Greece. *Christidis GE, Shriner CM, Murray HH*
- Neofomed mineral phases during clay ceramic firing. *El Ouahabi M, Daoudi L, Hatert F, Fagel N*
- An integrated experimental system for solid-gas-liquid environmental cells. *Guggenheim S, Koster van Groos AF*
- Mineralogical and geochemical characteristics and genesis of the Güzelyurt alunite-bearing kaolinite deposit within the late Miocene Gödeles ignimbrige, central Anatolia, Turkey. *Kadir S, Külah T, Eren M, Önalgil N, Gürel A*
- Modification of montmorillonite with alkyl silanes and fluorosurfactant for clay/fluoroelastomer (FKM) nanocomposites. *Khajehpour M, Gelves GA, Sundararaj U*
- Adsorption of organic compounds found in human sebum on Latvian illitic, kaolinitic and chloritic clays. *Puraa A, Dusenkovaa I, Malersa J*

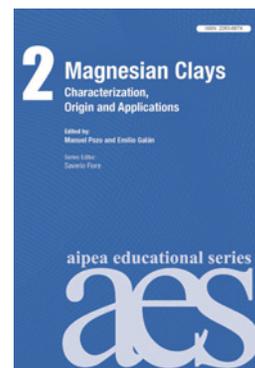


Saverio Fiore

Announcing the second volume in the AIPEA Educational Series! When the AIPEA General Meeting took place on 11 July 2013, in Rio de Janeiro (Brazil), I had a dream: to publish a second volume in the AIPEA Educational Series (AES). The first volume had dealt with the interstratified clay minerals. Now, thanks to the hard work of the authors, editors and reviewers, my dream has turned into reality. *Magnesian Clays: Characterization, Origin and Applications* is ready for reading!

The book, edited by Manuel Pozo and Emilio Galán, was prepared in conjunction with the popular second running of the AIPEA School for Young Scientists (ASYS), convened 6–7 July 2013 at the University of Rio de Janeiro, by Manuel Pozo (Universidad Autonoma de Madrid, Spain). Young and not-so-young clay scientists actively participated in ASYS, and there was a “fertile cultural substratum” for discussing knowledge, old and new, on the characterization, origin and applications of magnesian clays.

The seven chapters of the new book follow the didactic course structure of the 2nd ASYS and is supplemented by an extensive reference list. The chapters are authored by Patricia Aparicio (Spain), José P. Calvo (Spain), Emilio Galán (Spain), Stephen Guggenheim (USA), Manuel Pozo (Spain), Julio Santarén (Spain), and Nicholas J. Tosca (United Kingdom). I am certain that this book will revitalize the scientific and technological interest in such an important group of clay minerals. Chapter 1 deals with the crystal chemistry and structure of Mg-rich clay minerals. Chapter 2 describes various identification and characterization analytical techniques. Chapters 3 and 5 describe the geological occurrences of Mg-clays in sedimentary and nonsedimentary environments. Chapter 4 details the origin and mineralogical aspects of Mg-rich clay minerals. Chapter 6 discusses the geochemical parameters governing Mg-clay formation. And finally, Chapter 7 illustrates the industrial applications of the magnesian clays. I must point out that there are plenty of important questions left unanswered. The interested reader should consider these as an opportunity to continue researching these fascinating minerals.



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AES – 1st VOLUME

The electronic copy of the 1st volume of AES, “*Interstratified Clay Minerals: Origin, Characterization and Geochemical Significance*” (2nd ed., ISSN: 2283-687X), is available for free download. Just send a request to info@aipea.org.

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NEWSLETTER

January 2015 saw the launch of the new annual AIPEA Newsletter. You can download it, along with previous issues, from the AIPEA website (www.aipea.org).

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 AIPEA President