



The Clay Minerals Society

www.clays.org

THE PRESIDENT'S CORNER



Andrew Thomas, outgoing CMS president, somewhere in the Rotliegend

The year has flown by. Since the high-office term of the CMS ranges from June to June, I am crafting my last set of words for *Elements*. The CMS topics that have come forward this year have been diverse: Texas state law as it affects the science text portrayal of evolution, print journals in a rapidly evolving electronic world, the ability of geoscience organizations to recruit youthful members, and the economic condition of the globe. These issues allow me to understand how important the CMS is in the broader scale of geoscience study and the global perspective.

The CMS seeks individuals with youthful attitudes toward clay science and volunteerism. Derek Bain, your incoming president, may call upon you to lend him a hand. Agreeing to help would not only be beneficial to him, but it would be vital to maintaining and growing the society that we know as the CMS.

The CMS has a new website, for those who haven't yet seen it. This website, created through the tireless efforts of Ray Ferrell, gets us a bit closer to the look and feel that we desire. Hopefully the site also gets you a bit closer to the CMS data that you need and makes them a bit quicker to access. A special thanks to Ray for seeing this project through.

It has been my pleasure to work for the Society this year. I have been fortunate to have thoughtful and dedicated colleagues and committee members. I look forward to doing more for the Society one day, maybe after having had a chance to recharge my batteries. There is much yet to do.

The Clay Minerals Society, chartered in 1963, is the largest clay mineral society in the world. Its diverse membership, which bridges industry, academia, and government, meets once a year. We invite you to join us in future meetings, and particulars regarding dates and content can be found at <https://cms.clays.org/meetings/>. Our next annual meeting will be in Spain, June 6–11, 2010, and will be held in conjunction with the Spanish and Japanese Clay Groups. See you there!

Respectfully,

Andrew Thomas

President, The Clay Minerals Society
Chevron Energy Technology Company, Houston, Texas, USA
andrew.thomas@chevron.com

THE ALL-NEW CMS WEBSITE

Bookmark it, use it, and let us know how to improve it!



Our Society

is an international organization devoted to the study of clays and clay minerals. We encourage exchange of research findings through the publication of *Clays and Clay Minerals*, sponsorship of an annual meeting, online access to the archived journals, special publications, the Source Clays Repository, and other network building activities. Our members belong to AIPEA (Association Internationale pour l'Etude des Argiles), have access to our journal through GSW (GeoScienceWorld), an internet research resource, and receive *Elements*, a magazine featuring topics of broad general interest to mineralogists.

News

The 2009 CMS Annual Meeting is planned for Billings, Montana, from June 6th thru the 11th. Make plans early to attend.

The AIPEA meeting begins June 14th in Italy.



2010 - CMS, the Clay Science Society of Japan (CSSJ) and the Spanish Clay Society (SEA) are pleased to invite you to participate in the activities of their 2010 Trilateral Meeting on Clays to be held June 6-11, 2010, in Madrid and Seville, Spain.

CONTENTS OF THE APRIL 2009 ISSUE OF CLAYS AND CLAY MINERALS

HÅKON FISCHER, PETER G. WEIDLER, BERNARD GROBÉTY, JÖRG LUSTER, AND ANDREAS U. GEHRING. The transformation of synthetic hectorite in the presence of Cu(II)

SHOJI MORODOME AND KATUYUKI KAWAMURA. Swelling behavior of Na- and Ca-montmorillonite up to 150°C by *in situ* X-ray diffraction experiments

MOTOHARU KAWANO, TAMAO HATTA, AND JINYOEN HWANG. Enhancement of dissolution rates of amorphous silica by interaction with amino acids in solution at pH4

TOMÁŠ GRYGAR, JAROSLAV KADLEC, ANNA ŽIGOVÁ, MARTIN MIHALJEVIČ, TEREZA NEKUTOVÁ, RICHARD LOJKA, AND IVO SVĚTLÍK. Chemostratigraphic correlation of sediments containing expandable clay minerals based on ion exchange with Cu(II) complex with triethylenetetramine

GIOVANNI VALDRÉ, DANIELE Malferrari, AND MARIA FRANCA BRIGATTI. Crystallographic features and cleavage nanomorphology of clinocllore: specific applications

ZHAOHUI LI AND WEI-TEH JIANG. Interlayer conformations of intercalated dodecyltrimethylammonium in rectorite as determined by FTIR, XRD, and TG analyses

ALEXANDRA ALIMOVA, A. KATZ, NICHOLAS STEINER, ELIZABETH RUDOLPH, HUI WEI, JEFFREY C. STEINER, AND PAUL GOTTLIEB. Bacteria-clay interaction: structural changes in smectite induced during biofilm formation

BINGSONG YU, HAILIANG DONG, HONGCHEN JIANG, GUO LV, DENNIS EBERL, SHANYUN LI, AND JINWOOK KIM. The role of clay minerals in preservation of organic matter in sediments of Qinghai Lake, NW China

BRYAN R. BZDEK AND MOLLY M. MCGUIRE. Polarized ATR-FTIR investigation of Fe reduction in the Uley nontronites

NAVDEEP KAUR, MARKUS GRÄFE, BALWANT SINGH, AND BRENDAN KENNEDY. Simultaneous incorporations of Cr, Zn, Cd and Pb in the goethite structure

ANIRUDDHA SENGUPTA. Anisotropy of magnetic susceptibility study of kaolinitic clay matrix subjected to biaxial tests

ABDELAZIZ BENHAMMOU, BOUMEDIENE TANOUTI, LAHBIB NIBOU, ABDELRAANI YAACOUBI, AND JEAN-PAUL BONNET. Mineralogical and physico-chemical investigation of Mg-smectite from Jebel Ghassoul, Morocco

JOURNAL

Under the guidance of Editor-in-Chief Joe Stucki, *Clays and Clay Minerals* is undergoing a facelift and will soon take on a new look. Here is a preview.

