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Kaolin

PAUL A. SCHROEDER and DAVID L. BISH, Guest Editors

From Ancient Porcelains to Nanocomposites

Kaolin-Group Minerals: Environmental Recorders

Mining and Processing Kaolin

Interactions in the Environment

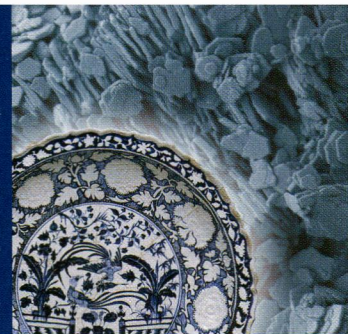
From Platy Kaolinite to Nanorolls

Kaolins and Health



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ABOUT THE COVER:

Kaolinite's first sophisticated use was in porcelains from Jingdezhen, China. Chinese plate (47.6 cm across) from the Yuan period (1271–1368); Jingdezhen ware; porcelain with underglaze, cobalt-blue decoration, from the collection of the Seattle Art Museum.

PHOTO: PAUL MACAPIA, REPRODUCED WITH PERMISSION.

Background image: scanning electron microscope image (false color) of well-ordered kaolinite from sedimentary-hosted kaolin deposit in Georgia, USA; width of view is 4 μm . PHOTO: ROBERT J. PRUETT, IMERYS OILFIELD SOLUTIONS

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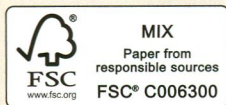
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Guest Editors: **Paul A. Schroeder** and **David L. Bish**



Kaolin: From Ancient Porcelains to Nanocomposites

Paul A. Schroeder and Gary Erickson



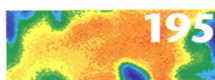
Kaolin-Group Minerals: From Hydrogen-Bonded Layers to Environmental Recorders

Etienne Balan, Georges Calas, and David L. Bish



Mining and Processing Kaolin

Jessica Elzea Kogel



Interactions of Kaolin Minerals in the Environment

Randall T. Cygan and Kazue Tazaki



From Platy Kaolinite to Nanorolls

Christian Detellier and Robert A. Schoonheydt



Kaolins and Health: From First Grade to First Aid

Lynda B. Williams and Stephen Hillier

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