
About the Cover



Photo shows different paper mill sludges or fibers from four paper mills and wastepaper tested as additive in stone mastic asphalt (SMA) to prevent cracks in road pavements. Good road is normally paved or covered with a structure to supplement the natural strength of the soil foundation. Prevention of cracks results in high road maintenance cost. Sludge is generally a waste product in pulping and papermaking processes. The use of paper mill sludge as fiber additive in asphalt will cut down the load on landfills as tons of the waste is generated daily from major domestic paper mills. Addition of 5 and 6% of asphalt and between 0.3 and 0.5% of sludge or fiber coming from any of the four paper mills resulted in Marshall specimens with properties that generally pass the Department of Public Works and Highways' specifications for both medium and heavy traffic road pavements. Complete study is found on page 29 (Photo courtesy of Erlinda Mari, FPRDI, DOST).

Editorial Staff

Ma. Judith Lagarde Sablan
Managing Editor

Mario B. Buarao, Jr.
Production Editor

Valiant P. Rosales
Circulation Staff

Framelia V. Anonas
Language Editor

Rodel G. Offemaria
Supervising SRS

Victoria B. Bartilet
Chief, CRPD (Jan-Mar)

Mona Carina E. Montevirgen
OIC-Chief, CRPD (Apr-Jun)

Subscription Information

The Philippine Journal of Science is a semi-annual scientific publication under ISI coverage published by the Department of Science and Technology (DOST) and managed by the Science and Technology Information Institute – Communication Resources and Production Division (STII-CRPD).



For subscription request or inquiries, you can contact:

The Circulation Staff
Science and Technology Information Institute
DOST Complex, General Santos Avenue
Bicutan, Taguig City, Metro Manila, Philippines
Phone: (632) 837-2071 to 82; Locals: 2146 & 2148

Author's guide for writing the manuscripts can be found on pages 115-117.
Manuscripts can be submitted to the editorial office at the following address:

The Managing Editor
Science and Technology Information Institute
DOST Complex, General Santos Avenue
Bicutan, Taguig City, Metro Manila, Philippines
Phone: (632) 837 2191 to 95 locals 6 or 7
(632) 837 2071 to 82 locals 2148
Fax: (632) 837 7520
E-mail: managing_editor@stii.dost.gov.ph