## Photogrammetric Engineering

Volume XL September 1974 Number 9

COVER PHOTO—The view shows the small town of Tres Hermanos on the west coast of Puerto Rico. The swirling patterns offshore are typical of suspended particles carried by wind generated currents. There is a cloud shadow in a portion of the scene, which is a constant problem in Puerot Rico. The photo, which has a scale of approximately 1:22,800, was taken with a Zeiss RMK A 15/23 camera by Mark Hurd Aerial Surveys, Inc., Minneapolis, Minneapolis

## TECHNICAL ARTICLES

Deformation Measurements of Power Dams  Dr. AJ. Brandenberger	1051
Historic Center Conservation  Maurice Carbonnell	1059
Quick Orientation of the K-320 Orthoscan  Joseph O. Danko, Jr	1071
Contemporary Problems in Terrestrial Photogrammetry  L. P. Erlandson and S. A. Veress	1079
ERTS Data Tested for Forestry Applications  Gordon R. Heath	1087
Linear Transformation for Data Rejection  Dr. Michael Cheng-yeh Hou	1093
Accuracy Aspects of Non-Metric Imageries H. M. Karara and Y. I. Abdel-Aziz	1107

(Continued on page 1007)

Second-class postage paid at Falls Church, Virginia and at additional mailing offices.

Published monthly by the American Society of Photogrammetry, 105 N. Virginia Ave., Falls Church Virginia 22046. Publication Office—Everybodys Press, Hanover, Pa. 17331. (Also see Notice on second following page.)

Copyright 1974 by the American Society of Photogrammetry. Reproduction of this issue or any part thereof (except short quotations for use in the preparation of technical and scientific papers ) may be made only after obtaining the specific approval of the Society's Chairman of the Publications Committee.

The Society is not responsible for any statements made or opinions expressed in the technical papers, advertisments, or other portions of this Publication.

Subscription Rates—Members, \$15 (annual dues); non-members \$20 per year, postage paid. The price for current issues, beginning with January 1967, is \$1.75 per copy (\$1.85 foreign). For back issues prior to 1967, prices may be obtained from the Society headquarters.

Printed in the United States of America