NASAA Technical Memorandum 4046


NASA Office of Space Science and Applications
Washington, D.C.

NASA
National Aeronautics and Space Administration
Office of Management
Scientific and Technical Information Division
1989

This document is a compilation of selected bibliographic data specifically relating to recent publications submitted by principal investigators and their associates, supported through NASA’s Office of Space Science and Applications, Solar System Exploration Division, Planetary Geology and Geophysics Program, and serves as a companion piece to NASA TM-4041, Reports of Planetary Geology and Geophysics Program—1987, NASA, Washington, D.C. 20546.
Malin, M.C., and Zimbelman, J.R. Surface Morphology of Cometary Nuclei (12-13). 


Outer Planets, Satellites, and Rings


Photogrammetry, Geodesy, and Cartography


Wildey, R.L. The Line Integral Approach to Radarclinometry. Earth, Moon, and Planets 37, in press.


Geologic Mapping, Stratigraphy, and Geomorphology


Structure and Tectonics


**Volcanic Processes and Landforms**


Aeolian Studies


Fluvial Processes


Impact Cratering Processes


Strom, R.G. The Solar System Cratering Record: Voyager 2 Results at Uranus and Implications for the Origin of Impacting Objects. *Icarus,* in press.


Planetary Interiors and Petrology


Geochemistry: Regolith, Volatiles, and Atmospheres


Remote Sensing: Spectroscopy, Photometry, and Radar

Spectroscopy


**Photometry**


**Radar**


Planetary Dynamics and Cosmogony


General Interest Topics


Nash, D.B. 6
Nealy, L.D. 19
Nellis, W.J. 28
Nelson, M.L. 36
Nelson, R.M. 36
Neukum, G. 26
Nicholson, P.D. 6
Nicol, M. 35
O'Connor, J.E. 22
Ojakangas, G.W. 19
O'Keefe, J.D. 23, 24
Pang, D.C. 19
Pappalardo, R. 9
Parmentier, E.M. 6
Pearce, S.J. 24
Phillips, R.J. 14, 15
Pier, D.C. 6, 17, 19
Pieters, C.M. 36
Piper, J.F. 22
Plaut, J. 25
Plescia, J.B. 15
Pollack, J.B. 21
Postawko, S.E. 31, 32
Presley, M. 11
Radousky, H.B. 28
Reches, Z. 19
Reynolds, R.T. 4, 6
Rigden, S.M. 27
Rizk, B. 38
Roberts, Jr., W.W. 39, 40
Rossbacher, L.A. 6, 11, 41
Roth, L.E. 25
Roush, T.L. 36
Ryder, G. 28, 29
Sagan, C. 9
Salisbury, J.W. 36
Salvail, J.R. 3
Saunders, R.S. 25, 31
Scherber, G.G. 14, 19, 25, 37
Schafer, F.J. 9
Schafer, L.E. 6, 39
Schenk, P.M. 15, 24
Schmidt, R.M. 25
Schmitt, D. 25
Schneeberger, D.M. 17
Schubert, G. 5, 6
Schultz, P.H. 16, 23, 25, 31
Schultz, R.A. 13
Semeniuk, J.A. 18
Sharp, R.P. 19
Shoemaker, C.S. 25
Shoemaker, E.M. 25
Showalter, M.R. 6, 7
Shu, F.H. 40
Simmons, A.M. 19
Simonelli, D. 36-37
Simpson, R.A. 37
Singer, R.B. 33, 36
Smith, B.A. 7
Smith, M. 36
Smoluchowski, R. 4
Smythe, W.D. 36
Solberg, T.C. 28, 29
Solomon, S.C. 13, 14, 15, 23, 29
Sonett, C.P. 24
Spaute, D. 7
Spohn, T. 6
Spudis, P.D. 11, 12, 18, 25-26, 28, 29, 41
Squyres, S.W. 4, 7, 12, 36
Steenstrup, S.J. 26
Stephens, J.B. 32
Stevenson, D.J. 7, 19, 26, 28, 29, 40
Stewart, G.R. 7, 39, 40
Storrs, A.D. 32
Strobel, M.E. 9
Strom, R.G. 26, 41
Summers, C.A. 11, 12
Svendsen, B. 25, 26
Sykes, M.V. 4
Tanaka, K.L. 15
Tedesco, E.F. 3, 4
Teeling, M. 12
Theilig, E. 20
Thomas, P. 7, 24, 36
Thompson, R. 7, 9
Thompson, T.W. 25
Tokarcik, S. 18
Twist, D. 23
Tyburczy, J.A. 29
Tyler, G.L. 37
Ulrich, G. 41
Valsecchi, G.B. 38
Veverka, J. 7, 24, 36
Vickery, A.M. 24, 26, 40
Vilas, F. 4
Wagner, J. 36
Walters, T.R. 15
Weidenschilling, S.J. 40
Weissman, P.R. 3, 4
Wells, E. 36
Wentworth, S.J. 31

PRECEDING PAGE BLANK NOT FILMED

44
Wetherill, G.W. 4, 40
White, B.R. 21
Whitford-Stark, J.L. 12, 17, 33
Wichman, R. 16
Wildy, R.L. 9, 37
Wilhelms, D.E. 12
Williams, S.H. 21
Wilson, L. 20, 36
Wisdom, J. 40
Wolfe, R.F. 25
Wood, C.A. 16, 20, 41
Woronow, A. 26
Wu, S.S.C. 9
Yang, X. 38
Yuan, C. 40
Zent, A.P. 32
Zimbelman, J.R. 4, 18-20
Zisk, S.H. 37
Zolensky, M.E. 31
Zurek, R.W. 30
**Abstract**

This document is a compilation of selected bibliographic data specifically relating to recent publications submitted by principal investigators and their associates, supported through NASA's Office of Space Science and Applications, Solar System Exploration Division, Planetary Geology and Geophysics Program.

**Key Words (Suggested by Author(s))**

| planetary geology and geophysics |
| bibliography                      |
| solar system                      |

**Distribution Statement**

Unclassified - Unlimited  
Subject Category 88