REFERENCES


Earth observing system; Proceedings of the Conference, Denver, CO, Aug. 3-6, 1996 (1996), paper presented at UNITED STATES, .

EOS Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER), (1996).


, THERMAL ANOMALIES IN SOUTHERN CA FROM ASTER DATA; December 2005, (2005), 1-9.


Sensors, Systems, and Next-Generation Satellites XII (2008), paper presented at Sensors, Systems, and Next-Generation Satellites XII, September 15, 2008 - September 18, , SPIE.


, Western Australia has first Australian ASTER series maps, (2011) Gold & Minerals Gazette, 6(53), 51.


Abílio de Carvalho Júnior, O., R. F. Guimarães, A. P. Ferreira de Carvalho, N. Correia da Silva, E. de Souza Martins, and R. A. Trancoso Gomes (2005), Vegetation mapping in the Parque Nacional, Brasilia (Brazil) area using advanced spaceborne thermal emission and reflection radiometer (ASTER) data and


Abrams, M. (1999), The ASTER Imaging Sensor on NASA's Terra Platform.,


Alzen, V. B., V. A. Kuzmichenok, A. B. Surazakov, and E. M. Alzen (2006), Glacier changes in the central and northern Tien Shan during the last 140 years based on surface and remote-sensing data; Papers from the international symposium on High-elevation glaciers and climate records, *Annals of Glaciology*, 43, 202-213.


AKAIKE, T., Y. Yamaguchi (2006), Estimation of latent heat flux in forest areas by ASTER data.


Akasheh, O. Z., P. H. Gowda, T. A. Howell, B. R. Scanlon, and A. French (2008), Monitoring ET over Texas High Plains using two-source model and high

http://www.refworks.com/refworks2/default.aspx?r=file::get_file&file_name=aster-RefLis...


Al-Dousari, A., M. Sultan, and A. Milewski (2009), Constraints on groundwater recharge in arid environments from field, remote sensing data and rainfall-runoff models; case studies from Kuwait, *Abstracts with Programs - Geological Society of America, 41*(7), 580.


Alfarhan, M. S., S. M. Arafat, and M. G. Abdelsalam (2006), Interplay of Cretaceous-Quaternary faulting and folding in the southern desert of Egypt; insights from remote sensing analysis; Geological Society of America, South-Central Section, 40th annual meeting, Abstracts with Programs - Geological Society of America, 38(1), 9.


Alimohammadi, M., P. Behnia, M. A. Ghorbani, and N. M. Amiri (2008), Application of SWIR and TIR spectral regions inferred from ASTER data to map the hydrothermal alteration and silicic parts accompanied by gold mineralization in the Hired mining area, southern Birjand, Iran, Geophysical Research Abstracts, 10, EGU2008-A-06562.


Alkevli, T., B. Kocader, and K. C. Ozguner (2009), Turkiye kiyilariindaki kirliligin uazktan algilama yontemleri ile belirlenmesi (Mersin ve Iskenderun Korfezi ornegi) -- Detecting coastal pollutions of Turkey with remote sensing techniques (sample from Mersin and Iskenderun Gulf), Turkiye Jeoloji Kurultayi Bildiri Ozleri = Abstract of the Geological Congress of Turkey, 62, 368-369.


Amer, R., T. Kusky, and A. El Mezayen (2012), Remote sensing detection of gold related alteration zones in Um Rus area, Central Eastern Desert of Egypt, Advances in Space Research, 49(1), 121-134.


Aosier, B., K. Tsuchiya, and M. Kaneko (2004), Oasis and forests in Xinjiang, China retrieved from aster data, paper presented at 35th COSPAR Scientific Assembly.


Aoyama Takashi, O. H. (2006), Verification of heavy rain damage in Fukui Prefecture using Terra / ASTER images and DEM data.

Aoyama Takashi, O. H., and T. Funaki (2005), Verification of Downpour damage in Fukui Prefecture using Terra / ASTER images.


Arellano-Baeza, A. A., A. T. Zverev, and V. A. Malinnikov (2006), Study of changes in the lineament structure, caused by earthquakes in South America by applying the lineament analysis to the Aster (Terra) satellite data, Natural Hazards and Oceanographic Processes from Satellite Data, 37(4), 690-697.

Arellano-Baeza, A. (2007), Use of high resolution satellite images for tracking of accumulation and displacement of faults in the Earth's crust, previous to earthquakes, by applying the lineament extraction technique, paper presented at Earth; our changing planet; proceedings of IUGG XXIV general assembly , Perugia, ITA, Italy, July 2-13, 2007., IUGG, [location varies], International (III).

Arellano-Baeza, A., R. Ortega-Bustamante, and F. M. Perez (2007), Study of changes in the Popocatetl Volcano geologic deformations caused by microseismicity, by applying the lineament analysis to the Aster (Terra) satellite images, paper presented at Earth; our changing planet; proceedings of IUGG XXIV general assembly , Perugia, ITA, Italy, July 2-13, 2007., IUGG, [location varies], International (III).


Arvelyna Yessy, O. M. (2006), The Observation of SAR, Optical and Altimeter Data for Internal Wave Monitoring in Tsushima Strait.


Arvelyna, Y., M. Oshima (2005), Wavelet analysis for internal wave detection in ERS SAR and ASTER image data, paper presented at SICE Annual Conference 2005, Aug 8-10 2005, , Society of Instrument and Control Engineers (SICE), Tokyo, 113, Japan.

Arvelyna, Y., M. Oshima (2006), The observation of SAR, optical and altimeter data to study the generation of internal wave in tsushima strait, paper presented at Symposium on 15 years of Progress in Radar Altimetry, Mar 13-18 2006, , European Space Agency, Noordwijk, 2200 AG, Netherlands, Venice, Italy.

Arvelyna, Y., M. Oshima (2007), New application of wavelet transform for internal wave detection SAR and optical image: A case study in Japan waters, paper presented at OCEANS 2007 - Europe, , Institute of Electrical and Electronics Engineers Computer Society, Piscataway, NJ 08855-1331, United States.


Asano, S., Y. Nakayama, and D. Fukada (2005), Experimental integration analysis of satellite data and disaster maps of Mt. Fuji eruption.


Azizi, H., M. A. Tarverdi, and A. Akbarpour (2010), Extraction of hydrothermal alterations from ASTER SWIR data from east Zanjani, northern Iran, Advances in Space Research, 46(1), 99-109, doi:10.1016/j.asr.2010.03.014.

Baba Sosuke, M. (2003), Local heat environmental analysis from ASTER.


Backus, D. H., C. S. Doctor, and M. E. Johnson (2007), The remote sensing of sand dunes in Baja California, Mexico; Geological Society of America, Northeastern Section, 42nd annual meeting, Abstracts with Programs - Geological Society of America, 39(1), 41-42.


Baral, D. J., R. P. Singh, and C. M. (. Knox-Robinson (2004), Using remote sensing and DEM data in iron ore prospecting; SEG 2004; Predictive mineral discovery under cover; SEG conference and exhibition; extended abstracts, *Publication - Geology Department and Extension Service, University of Western Australia, 33, 403.


Bass, L., V. Kuznetsov (2007), The beha
diour of cloud and clear sky brightness in the vicinity of the cloud edge, *EOS Transactions, American Geophysical Union, 88*(52,; Suppl. Volume 1-2).


Bawazir, A. S., M. Bleiweiss, Z. A. Samani, C. Almy, and T. Schmugge (2005), ASTER Observations of Water Surface Temperature for Elephant Butte Reservoir in New Mexico, 41, 0393.


Beaulieu, A. (2004), Proprietes invariantes d'échelle et anisotropes de morphologies d'érosion fluviatile. Scale-invariant and anisotropic properties of fluvial erosion morphologies,.

Beaulieu, A. (2004), Scaling and anisotropic properties of erosional landforms (French text), *DAI*, 66(05B), 132-2468.


Bedell, R. (2001), Geological mapping with the ASTER Satellite; new global satellite data that is a significant leap in remote sensing geologic and alteration mapping; Regional tectonics and structural control of ore; the major gold trends of northern Nevada; proceedings and field trip guide [modified], *Special Publication - Geological Society of Nevada*, 33, 329-333.


Bergmann, M., R. Hoff, and J. R. Ducati (2008), Espectrometria e processamento de imagem ASTER para validacao de dados geologicos e de solos como contribucao ao estabelecimento de terroirs na "Metade Sul" (RS, Brasil). Radiospectrometry and ASTER image processing to validate soil and geologic data for the development of terrains in the "Southern Half" (Rio Grande do Sul, Brazil), paper presented at Sociedade Brasileira de Geologia; 44 degrees congresso, Curitiba, Brazil, Oct. 26-31, 2008/ Geological Society of Brazil; annals of the 44th congress, Sociedade Brasileira de Geologia, Porto Alegre, Brazil (BRA).


Beukelman, G. S. (2004), Studies of Quaternary faulting along the southern margin of the western Snake River plain, Idaho using remote sensing and GIS; Geological Society of America, Rocky Mountain Section, 56th annual meeting; Geological Society of America, Cordilleran Section, 100th annual meeting, *Abstracts with Programs - Geological Society of America*, 36(4), 78-79.


Biggar, S. F., P. N. Slater (1993), Preflight cross-calibration radiometer for Eos AM-1 platform visible and near-IR sources, paper presented at Sensor systems for the early earth observing system programs; Proceedings of the Conference, Orlando, FL; UNITED STATES; 13-14 Apr. 1993., Bellingham.


Bindschadler, R., P. Vornberger (2005), Guiding the South Pole Traverse with ASTER imagery, *J. Glaciol.*, 51(172), 179-180.


Bishop, M. (2004), Concepts of landscape evolution illustrated by ASTER digital data; Mount Elephant-Terrinallum Volcano, Newer Volcanic Province,


Bishop, M., W. Abdalati (2004), Climate and Glaciers: Assessing with ASTER Data,. 


Boaz, R. I. (2006), PQLX: A Software Tool to Evaluate Seismic Station Performance, *EOS Transactions, American Geophysical Union*, 87(52; Suppl.).


Bohannon, R. G. (2009), Afghanistan, a dangerous, mysterious land whose geology is poorly known; new geologic-mapping philosophies shed light on how this complex terrane was assembled, Abstracts with Programs - Geological Society of America, 41(7), 279.


Bolch, T. (2007), Analysis of glacier recession in northern Tien Shan in the last 50 years using GIS and remote sensing, paper presented at Earth; our changing planet; proceedings of IUGG XXIV general assembly, , Perugia, ITA, Italy, July 2-13, 2007, , IUGG, [location varies], International (III).


Bolten, A., O. Bubenzer, and F. Darius (2006), A digital elevation model as a base for the reconstruction of holocene land-use potential in arid regions, Geoarchaeology-an International Journal, 21(7), 751-762.


Brandmeier, M. (2010), Remote sensing of Carhuarazo volcanic complex using ASTER imagery in Southern Peru to detect alteration zones and volcanic

Bravo, C., A. Rivera, J. Clavero, R. ( Villalba, and M. ( Grosjean (2006), Reconstruccion de sistemas paleo-glaciares de los volcanes Villarrica y Mocho en la region de Los Lagos, Chile. Reconstruction of paleo-glacier systems of the Villarrica and Mocho Volcanoes, Los Lagos, Chile, paper presented at Reconstructed regional or variaciones climaticas en America del Sur durante el Holoceno tardio, simposio internacional -- Reconstructing past regional climate variations in South America over the late Holocene, International symposium, PAGES (Past Global Changes), Bern, Switzerland (CHE), Malargue, Argentina.


Brenning, A., M. A. Pena, S. Long, and A. Soliman (2012), Thermal remote sensing of ice-debris landforms using ASTER: an example from the Chilean Andes, Cryosphere, 6(2), 367-382, doi: http://dx.doi.org/10.5194/tc-6-367-2012.


Bruning, J. N. (2008), A digital processing and data compilation approach for using remotely sensed imagery to identify geological lineaments in hard-rock terrains; an application for groundwater exploration in Nicaragua.,


Bubenzer, O., A. Bolten (2008), The use of new elevation data (SRTM/ASTER) for the detection and morphometric quantification of Pleistocene megadunes (draa) in the eastern Sahara and the southern Namib, Geomorphology, 102(2), 221-231, doi:10.1016/j.geomorph.2008.05.003.

Buchroithner, M. F., T. Bolch (2007), An automated method to delineate the ice extension of the debris-covered glaciers at Mt. Everest based on ASTER imagery; Proceedings of the 9th international symposium on High mountain remote sensing cartography, Grazer Schriften der Geographie und Raumforschung, 43, 71-78.


Buenemann, M. (2007), Quantifying the spatio-temporal dynamics of woody plant encroachment using an integrative remote sensing, GIS, and spatial modeling approach, DAI, 68(01B), 468-171.


http://www.refworks.com/refworks2/default.aspx?r=file::get_file&file_name=aster-RefLis... 7/19/2012
Buhe, A. (2005), The basic research on wetlands environmental evaluation using Terra/ASTER satellite data, paper presented at The 52nd Annual Meeting of the Ecological Society of Japan, Ecological Society of Japan.


California; Lunar and planetary science; XXXVIII; papers presented to the Thirty-eighth lunar and planetary science conference, Abstracts of Papers Submitted to the Lunar and Planetary Science Conference, 38, @Abstract 1908.


Cahalan, R. F., A. Marshak, G. Wen, and T. Varnai (2006), How can 3D radiative transfer help correctly interpret satellite data on aerosol-cloud interactions? EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Cai, G., M. Du, and Y. Xue (2008), Monitoring of seasonal change of urban heat island effect in Beijing using Aster data, paper presented at International Conference on Earth Observation Data Processing and Analysis, ICEODPA, , SPIE.


Caihong Yu, Xiaoobo Wu, Shouxun Yan, and Chunsheng Xiao (2010), Information extraction of red clay and siliceous limestone in red clay-type gold deposit in southwestern Guizhou, China, using short-wave infrared reflectance data of ASTER, paper presented at 18th International Conference on Geoinformatics, 18-20 June, 2010, Beijing, China, .

Calvin, W. M., J. D. Shoffner (2009), Remote sensing image analysis at Leviathan Mine, CA; a sedimentary sulfate Mars analog site, LPI Contribution, 1468, 1210.


framework to extract landform classes, Expert Systems with Applications, 39(1), 541-554.


Capolongo, D., M. Marangi, F. Albanese, and L. Pennetta (2008), Modelli digitali del terreno tratti da immagini satellitari; analisi e validazione dei DEM ASTER per applicazioni geomorfologiche. Digital terrain models from satellite imagery; analysis and validation of ASTER DEMs for geomorphologic applications, Memorie Descrittive della Carta Geologica d’Italia, 78, 31-47.


Capra, L., N. Davila, G. Norini, J. C. Gavilanes, and N. Varley (2007), Recent lahars at Volcano de Colima (Mexico); origin and hazard evaluation, paper presented at Earth; our changing planet; proceedings of IUGG XXIV general assembly , Perugia, ITA, Italy, July 2-13, 2007. , IUGG, [location varies].


Carpenter, P. J., A. Ding, L. Cheng, E. Sturmfield, P. Liu, and F. Chu (2009), Use of geophysics, SRTM and remote sensing to characterize groundwater contamination from oil shale wastes in south China, Environmental Geosciences, 16(2), 108-109.

Italiana, Rome, Italy (ITA).


Carter, A. J. (2008), Quantitative thermal infrared analyses of volcanic processes and products; application to Bezymianny Volcano, Russia, 195.


Casillas, H. A., G. R. Keller (2004), A geophysical study of the Uncompaghre Uplift, Colorado and Utah; AAPG Southwest Section meeting; abstracts, Abstracts - AAPG Southwest Section Meeting, 2004, @unpaginated.


Chang, Y., C. -. Han, K. -. Fan, K. S. Chen, and J. -. Chang (2002), Modular eigen subspace scheme for high-dimensional data classification with NASA MODIS/ASTER (MASTER) airborne simulator data sets of Pacrim II project, paper presented at Imaging Spectrometry VIII, Seattle, WA; UNITED STATES; 8-10 July 2002.


Che, T., R. Jin, X. Li, and L. Wu (2004), The variations and the potential outburst of glacial lakes in the Pumqu Basin, Xizang, China in the past 20 years, Bingchuan Dongtu = Journal of Glaciology and Geocryology, 26(4), 397-402.

Chen, G., E. Dongchen (2006), Cloud detection based on texture analysis and SVM over ice-snow covered area, Geomatics and Information Science of Wuhan University, 31(5), 403-406.


Chen, L. (2009), Application of remote sensing techniques to study the neotectonics in the northwestern Himalayan fold-and-thrust belt, Pakistan, 100.


Chen, Z., J. Chen (2009), Geostatistical analysis on human impact indexes for land use/cover in Fujian Province and Fuzhou City, paper presented at 2009 17th International Conference on Geoinformatics, Geoinformatics 2009, , IEEE, Fairfax, VA.


Chenoweth, M. S. (2003), Developing a spatial database for the interpretation of karst landscape and vegetation in the Jamaican Cockpit Country, DAI, 64(05B), 131-2099.


Chevrel, S. D. (2004), Contribution of Very High Spatial and/or Spectral Resolution remote sensing in GIS-based environmental hazard assessment of mining environments; To measure is to manage; 12th Australasian remote sensing and photogrammetry conference proceedings, paper presented at 12th Australasian remote sensing and photogrammetry conference, Fremantle, West. Aust., Spatial Sciences Institute, Deakin West, Australia (AUS), Australia.

Chikhaoui, M., F. Bonn, A. I. Bokoye, and A. Merzouk (2005), Evaluation du potentiel de l'indice LDI pour l'étude des états de surface: Etude comparee a partir des capteurs ASTER et ETM+; Evaluation of the potential of the laser desorption and ionization (LDI) index for the study of surface states: Comparative study starting with the Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) and ETM+ sensors, paper presented at 26th Canadian Symposium on Remote Sensing, Jun 14-16 2005, Canadian Aeronautics and Space Institute, Suite 105, Ottowa Ontario, K2C 2S5, Canada.


Chikhaoui, M., F. Bonn, A. I. Bokoye, and A. Merzouk (2006), Comparaison des capteurs ASTER et ETM+ pour la cartographie de la degradation des sols a l'aide de l'indice LDI; Comparison of the Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) sensor and Landsat Enhanced Thematic Mapper Plus (ETM+) sensor for mapping of the degradation of soils with the help of the Landscape Development Intensity (LDI) index, Canadian Journal of Remote Sensing, 32(2), 74-83.

Chikhaoui, M. (2005), Apport des donnees ASTER et d'un reseau de neurones a retropropagation a la modellisation de la degradation du sol d'un bassin marneux du Rif marocain, DAI, 67(05B), 148-2440.


Chirico, P. G. (2005), Geomorphic factors affecting operational planning in Mesopotamia, Iraq: 171st national meeting of the American Association for the Advancement of Science, National Meeting of the American Association for the Advancement of Science, 171, A56.


Christensen, P. (2004), Investigation of Rapid Urbanization Processes Using Aster, Modis, and Landsat Data,


Chrysoulakis, N., I. Keramitsoglou, and C. Cartalis (2004), Hydrologic land-cover classification mapping at the local level with the combined use of ASTER multispectral imagery and GPS measurements, paper presented at Remote Sensing for Environmental Monitoring, GIS Applications, and Geology III; Barcelona, Spain; Sep. 9-11, 2003, .


Cohen, R. H. (2002), Automated spacecraft scheduling - the ASTER example,.

Cohen, R. (1996), *ASTER Scheduling Prioritization Function,*.


Coolbaugh, M. F. (2003), The prediction and detection of geothermal systems at regional and local scales in Nevada using a geographic information system, spatial statistics, and thermal infrared imagery, DAI, 64(10B), 172-4829.


Coyle, P. R., B. M. Cassidy, and C. A. Stem (2008), Use of archival data and remote sensing to determine the structural and stratigraphic controls on the distribution of tungsten in the Cherry Creek mining district, Nevada, Abstracts with Programs - Geological Society of America, 40(6), 156-157.


Crouvi, O., D. Avigad, M. Beyth, E. Ben-Dor, and A. Sandler (2006), Remote sensing mapping of the Precambrian-Cambrian chemical weathering; the peneplain in southern Israel, Israel Geological Society abstracts, 2006, 24.


Crowley, J. K., B. E. Hubbard, and J. C. Mars (2003), Hydrothermal alteration on the Cascade stratovolcanoes; a remote sensing survey; Geological Society of America, 2003 annual meeting, Abstracts with Programs - Geological Society of America, 35(6), 552.


Cruz, C. A. (2005), Satellite image enhancements, lineament identification and quantitative comparison with fracture data, central New York State, MAI, 44 (01), 138-280.

Cruz, C., R. D. Jacobi, J. R. Everett, and R. J. Staskowski (2005), ASTER and Landsat lineaments in central NYS; image processing and groundtruthing for fractures; Geological Society of America, Northeastern Section, 40th annual meeting, Abstracts with Programs - Geological Society of America, 37(1), 58.

Csatho, B. M., C. Ping, L. R. Everett, J. M. Kimble, G. Michaelson, and C. Tremper (2006), Characterizing frozen ground with multisensor remote sensing, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Danneels, G., H. B. Havenith, and E. Pirard (2007), Landslide detection from remote sensing images using statistical and ANN classification methods,


Dawes, P. R., T. Tukiainen (2008), Hans O, celebrated island of Nares Strait between Greenland and Canada; from dog-sledge to satellite mapping; Geological Survey of Denmark and Greenland Bulletin, 15, 77-80.


de Lorenzo, S., A. Zollo (2001), Source parameters and three-dimensional attenuation structure from the inversion of microearthquake pulse width data - Qp imaging and inferences on the thermal state of the Campi Flegrei caldera (southern Italy), Journal of Geophysical Research, 106(B8), 16, 265-16, 286.

de Oliveira, C. G., W. R. Paradella (2008), An assessment of the altimetric information derived from spaceborne SAR (RADARSAT-1, SRTM3) and optical (ASTER) data for cartographic application in the Amazon region, Sensors, 8(6), 3819-3829.


de Souza Filho, C. R., A. P. Crosta (1999), Mineral mapping in tropical and arid regions; an evaluation using simulated Landsat TM, JERS-1 and ASTER reflective bands; Proceedings of the thirteenth international conference; Applied geologic remote sensing, paper presented at Thirteenth international conference on Applied geologic remote sensing, Vancouver, BC, Canada, March 1-3, 1999, , Environmental Research Institute of Michigan, Ann Arbor, MI, United States (USA).


Dean, K. G., J. Dehn, and J. E. Bailey (2006), Monitoring Volcanic Eruptions Using Satellite Data in the North Pacific Region, EOS Transactions, American Geophysical Union, 87(Suppl.1).


http://www.refworks.com/refworks2/default.aspx?r=file::get_file&file_name=aster-RefLis...


deOliveira, C. G. (2005), Evaluation Of Digital Elevation Models Generated From Optical (Aster) and Radar (Radarsat-1, SRTM) Orbital Remote Sensors: A Study For the Area of the Mountain Of Carajas (Pa),.

Desautels, M. (2004), Cartographie des zones potentielles d'erosion dans le bassin versant de la Tomifobia par le capteur spatial ASTER et le modele SWAT (French text, Quebec), MAI, 43(05), 74-1683.

DESJARDINS, R., P. ROGNON, M. BENALLA, and E. M. ALEM (2005), Progres importants des etudes sur l'evolution des dunes grace a l'utilisation combinee des satellites civils et militaires : l'exemple du tafilalet (Maroc); Recent advances in the study of the evolution of sand dunes using combined military and civilian satellite imageries : The case of the tafilalet (Morocco), Secheresse : (Montrouge), 16, 153-164.

Desouky, H. A. (2009), Metallogenesis of stratiform copper deposits in the Lufilian Orogen, Democratic Republic Congo, Aardkundige Mededelingen, 18, 1-
Dey, S., L. di Girolamo, and G. Zhao (2008), Effect of Domain and Resolution on Observation-based Statistics of Trade Wind Cumuli Over the Tropical Western Atlantic During RICO, AGU Fall Meeting Abstracts, 41, 0242.


Di Girolamo, L. (2006), Aerosol, cloud, and precipitation characteristics in the trade wind regime from satellite, radar, and aircraft measurements sampled during RICO, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Djepa, V., D. Petrova (2009), Data processing system for monitoring climate variables and processes, involving multispectral space observations in the visible and thermal infrared spectral range, paper presented at 60th International Astronautical Congress 2009, IAC 2009, October 12, 2009 - October 16, , International Astronautical Federation, IAF.


Dmochowski, J. E. (2005), Application of MODIS-ASTER (MASTER) simulator data to geological mapping of young volcanic regions in Baja California, Mexico, DAI, 66(12B), 242-6496.


Dohrenwend, J. C. (2004), Rapid progradation of the Colorado and San Juan Deltas into Lake Powell Reservoir, July 2002 to January 2004; Geological Society of America, Rocky Mountain Section, 56th annual meeting; Geological Society of America, Cordilleran Section, 100th annual meeting, Abstracts with Programs - Geological Society of America, 36(4), 15.


Dong, Y., B. Fu, and Y. Ninomiya (2010), Environmental and landscape changes of Qinghai Lake, N. E. Tibet during the past 30 years, as revealed by satellite remote sensing data, paper presented at 6th International Symposium on Digital Earth: Data Processing and Applications, September 9, 2009 - September 12, SPIE, Beijing, China.


Dong, Y., B. Fu, and N. Yoshiki (2008), DEM generation methods and applications in revealing of topographic changes caused by coal mining activities, paper presented at International Conference on Earth Observation Data Processing and Analysis, ICEODPA, SPIE.


Dousset, B. (2002), First results of the EOS - Terra ASTER observations over Marseille during the UBL/CLU-ESCOMPTE experiment (2002 - 4Urban); Proceedings of the Fourth AMS Symposium on the Urban Environment.


Dowdeswell, J. A. (2003), Form and flow of Arctic ice caps; remote-sensing investigations from aircraft and satellites, paper presented at IUGG 2003, Sapporo, JPN, Japan, June 30-July 11, 2003, , IUGG, [location varies].


Drechsel, C. A., R. D. Jacob, J. R. Everett, and R. J. Staskowski (2004), ASTER lineaments, faults, and reservoirs in the Appalachian Basin of New York State; Geological Society of America, Northeastern Section, 38th annual meeting; Geological Society of America, Southeastern Section, 53rd annual meeting, Abstracts with Programs - Geological Society of America, 36(2), 146.


Duong, N. D. (2003), WinASEAN 4.0 - AN IMAGE ANALYSIS PACKAGE FOR ENVIRONMENT MONITORING AND NATURAL RESOURCE MANAGEMENT, Geoinformatics, 14(1), 59-62.


Dwyer, J. L. (2001), Land processes data for environmental applications and global change studies available from the EROS Data Center Distributed Active Archive Center, paper presented at IAF, International Astronautical Congress, 52nd, Toulouse, France; INTERNATIONAL ORGANIZATION; 1-5 Oct. 2001, .


Eckmann, T. C., P. E. Dennison, and D. A. Roberts (2006), Retrieving Subpixel Fire Sizes From MODIS Using Multiple Endmember Spectral Mixture Analysis, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Eisinger, C. L., M. S. Ramsey, R. L. Wessels, and J. H. Fink (2000), Discriminating compositional variations on the silicic domes of Medicine Lake Volcano, CA, with the new airborne hyperspectral MODIS/ASTER simulator, paper presented at IAVCEI general assembly 2000; Exploring volcanoes; utilization of
their resources and mitigation of their hazards, Volcanological Survey of Indonesia, Indonesia (IDN), Bali, Indonesia.


Eldeiry, A. A. M. (2006), Spatial modeling of soil salinity using remote sensing, GIS, and field data, DAI, 67(12B), 141-7189.


El-Nagdy, S. M. (2005), Multi-spectral and hyper-spectral analysis of the Advanced Spaceborne Thermal Emission and Spectrometer (ASTER) data; an example from the Neoproterozoic Um Nar banded iron formation (BIF), Egypt.


Eng, B. T., A. T. Murray, M. Priel, G. Geller, C. Leff, and A. A. Schwartz (1996), Implementation of the ASTER science standard data product requirements in the EOSDIS system, paper presented at Earth observing system; Proceedings of the Conference, Denver, CO, Aug. 3-6, 1996; Bellingham, WA, Society


Evans, S. G., N. J. Roberts, and R. H. Guthrie (2006), Use of remote sensing data in the rapid characterisation of a major landslide disaster; the case of the catastrophic February 2006 landslide, Leyte Island, Philippines, *EOS Transactions, American Geophysical Union, 87*(52; Suppl.).


Farr, T. G. (2003), Short course: new satellite data for the field geologist.,


Feldpausch, T. R. (2006), Selective logging in Amazonia: Forest structure, damage and biogeochemical changes, DAI, 67(07B), 140-3523.


Fernandes, N. R. C., G. F. Marques (2011), Integration of gis and hydraulic modeling to evaluate the cost of ecological stream flow recovery in irape Dam, Brazil, paper presented at World Environmental and Water Resources Congress 2011: Bearing Knowledge for Sustainability, May 22, 2011 - May 26, 2011, , American Society of Civil Engineers (ASCE), Palm Springs, CA, United states.

Ferreira, C., A. Gomes, and L. Anton (2010), Longitudinal rivers profiles in the Douro Basin, Iberia; differences and general trends, Geophysical Research Abstracts, 12, @EGU2010-14328.


Foley, D. J. (2011), Differential Movement Across Byrd Glacier, Transantarctic Mountains, Antarctica as Indicated by (U-Th)/He Thermochronology and Geomorphology, 57.


Folfas, A. P. (2008), Geologic mapping of the Changgo Dome in southern Tibet using ASTER imagery, 105.


Forman, S. (2004), Pilot Study for Using Aster Images to map Glacial Geomorphology, 0.


Fourniadis, I. G., J. G. Liu, and P. J. Mason (2007), Regional assessment of landslide impact in the Three Gorges area, China, using ASTER data; Wushan-


Franklin, J. (2008), Spectral Mixture Analysis of Aster Images to Estimate Forest Biomass and Habitat, B.


Freemantle, T. P., J. -. Muller, and X. Li (2010), Analysis and intercomparison of ASTER-PRISM-SRTM DEMs using a comparison with GPS observations, paper presented at 2010 Dragon 2 Mid Term Results Symposium, , European Space Agency, Guilin City, China.


French, A. N., T. Schmugge, J. Ritchie, A. Hsu, F. Jacob, K. Ogawa, and A. Inamdar (2006), Monitoring vegetation cover changes over a semi-arid rangeland with multispectral ASTER thermal infrared emissivities, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Fronabarger, A. K., N. S. Levine (2004), The use of satellite data to map source rocks for the Theban necropolis near Luxor, Egypt; Geological Society of America, Northeastern Section, 38th annual meeting; Geological Society of America, Southeastern Section, 53rd annual meeting, Abstracts with Programs - Geological Society of America, 36(2), 65.

Fu B, W. M. , Ninomiya Y, and T. Y. (1999), The emissivity of rock samples collected from Yarlung Zangbo ophiolite belt, south Tibet, China.


Fu B., A. Lin (2003), Spatial distribution of the surface rupture zone associated with the 2001 Ms B.1 Central Kunlun earthquake, northern Tibet, revealed by satellite remote sensing data, Int. J. Remote Sens., 24(10), 2191-2198.


Fu, B. M. K., Y. Ninomiya (1998), The preliminary analysis and evaluation of remote sensing data for lithologic mapping in Beishan area, northwestern Gansu Province, China.

Fu, B., Y. Awata, J. Du, and W. He (2005), Late Quaternary systematic stream offsets caused by repeated large seismic events along the Kunlun Fault, northern Tibet, Geomorphology, 71(3-4), 278-292, doi:10.1016/j.geomorph.2005.03.001.


Fujimura Hisashi, G. Y. (1999), Spectral reflectance characteristic of masa soil.


Fujita, K., A. Sakai, T. Nuimura, S. Yamaguchi, and R. R. Sharma (2009), Recent changes in Imja Glacial Lake and its damming moraine in the Nepal


Funahashi Manabu, Setojima Masahiro, Okazaki Ryota, I. Y. , and K. Yamamoto (2003), Examination about grasp of the tree height of urban forests by ASTR data.

Funahashi Manabu, Setojima Masahiro, Okazaki Ryota, Kawai Masaki, I. Y. , and K. Okada (2005), Examination about grasp of the tree height of forest area by ASTR data.

FUNAHASHI, M., M. KAWAI, M. SETOJIMA, Y. IMAI, and T. Tachikawa (2006), Examination of forecast accuracy improvement of variation of vegetation by satellite data.


Gabr, S. S. (2009), Structural and remote sensing studies of gold mineralization and associated alteration in Abu-Marawat area, northern Eastern Desert, Egypt, 1-134.


Gad, S. A. (2007), Proterozoic geologic and tectonic evolution of the Wadi Kid area, Sinai, Egypt, based on field and satellite remote sensing studies, DAI, 68(09B), 137-5818.
Gad, S., M. El-Shafei, and T. Kusky (2004), Integrated satellite remote sensing and field based structural analysis of the late Proterozoic Wadi Kid metamorphic belt, Sinai Peninsula, Egypt; Geological Society of America, North-Central Section, 38th annual meeting; 2004 abstracts with programs, Abstracts with Programs - Geological Society of America, 36(3), 19.


Galster, J. C., E. McFadden, J. M. Ramage, and D. T. Rodbell (2006), The Spatial Variation of Modern and LLGM Reconstructed ELAs in the Cordilleras Raura and Huayhuash, Peru, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Ganep, P. N., A. Yin (2005), Geometry and kinematics of active faults in the Mongolian-Chinese Altai Mountains; results from analysis of ASTER and DISP satellite images; AGU 2005 fall meeting, EOS Trans. Am. Geophys. Union, 86(52, Suppl.), @Abstract T41A-1269.


Gani, N. D. (2006), Geological evolution and incision history of the Gorge of the Nile on Ethiopian Plateau from remote sensing and geographic information system analysis, and field studies, DAI, 67(03B), 148-1333.


Garcia-Villacorta, R. (2005), Linking floristic patterns to edaphic gradients and remote sensing in Peruvian Amazonia, *MAI, 44*(01), 82-241.


Georgiou, S., A. Shepherd, M. McMillan, and P. Nienow (2009), Seasonal evolution of supraglacial lake volume from ASTER imagery, *Annals of Glaciology*, 50(52), 95-100.


Gersman, R., E. Ben-Dor, M. Beyth, and D. Avigad (2006), Hyperspectral remote sensing as a tool for geological exploration; examples from the northern Danakil Depression, Eritrea, *Annual Meeting - Israel Geological Society*, 2006, 44.


Gieske, A. S., M. T. Wubett, W. J. Timmermans, G. N. Parodi, P. Wolski, and A. Arneth (2004), Temperature-emissivity separation with ASTER and LANDSAT 7 imagery validation on the fringe of the Okavango Delta, Botswana, paper presented at Remote Sensing for Agriculture, Ecosystems, and...

Giglio, L. (2006), Detection, evaluation, and analysis of global fire activity using MODIS data, DAI, 67(03B), 246-1344.


Gigliotti, T. J. (2004), Mapping macrophyte vegetation in Onondaga Lake using IKONOS and ASTER image data (New York), MAI, 42(05), 101-1836.


Gower, S. T. (1997), Validation of Aster and Modis Surface-Temperature and Vegetation Products with Surface-Flux Applications.,


Guang, J., Y. Xue, L. Bai, W. Wan, Y. Wang, Y. Li, and X. Li (2008), An investigation of air pollution in Hong Kong with ASTER data, paper presented at IGARSS 2008 - 2008 IEEE International Geoscience and Remote Sensing Symposium, , IEEE.


Guha, A., K. V. Kumar, and M. V. V. Kamaraju (2008), A satellite-based study of coal fires and open-cast mining activity in Raniganj coalfield, West Bengal, *Curr. Sci.*, 95(11), 1603-1607.


Guo, X., T. Kusky, and Z. Li (2009), Spatial and temporal deformation sequences of Daba Shan FTB and its relationships with adjacent tectonic units, central China, Abstracts with Programs - Geological Society of America, 41(7), 53.


Gupta, R. P., R. Chaikraborty, and A. K. Awasthi (2009), Satellite data can cost effectively show oil field thermal anomalies, Oil & Gas Journal, 107(41), 34-36.


Hadjimitsis, D. G., K. Themistocles (2009), Assessment of the effectiveness of atmospheric correction methods using standard calibration targets,
ground measurements and aster images, paper presented at Remote Sensing of Clouds and the Atmosphere XIV, August 31, 2009 - September 1, , SPIE.


Hahn, R. S., D. P. Dethier (2005), Digital analysis of surficial materials, Colorado Front Range using field, GIS and ASTER techniques; Geological Society of America, Northeastern Section, 40th annual meeting, Abstracts with Programs - Geological Society of America, 37(1), 57-58.


HAI, P. M., Y. Yamaguchi (2006), Monitoring the urbanization in Hanoi city center by Landsat and ASTER images.

Haight, S. L., C. W. Forstall, and B. R. Hargreaves (2005), Ground and satellite estimates of the penetration of ultraviolet and visible radiation through forest canopy in eastern Pennsylvania, USA; Geological Society of America, Northeastern Section, 40th annual meeting, Abstracts with Programs - Geological Society of America, 37(1), 32.


Hamade, A. K., M. A. Murphy, and S. A. Hall (2004), Controls on structural styles in the eastern Sierra Madre Oriental; Geological Society of America, 2004


Hamilton, G. (2003), Antarctic Glaciology Using High-Resolution ASTER Satellite Imagery,.


Harijan, N., A. Kumar, S. Bhoi, and V. Tare (2003), Course of River Ganga over a century near Kanpur City based on remote sensing data, *Photonirvachak (Dehra Dun), 31*(1), 1-2.


http://www.refworks.com/refworks2/default.aspx?r=file::get_file&file_name=aster-RefLis...


Hauff, T., A. Kaab, and P. Skvarca (2010), Monitoring ice shelf velocities from repeat MODIS and Landsat data - a method study on the Larsen similar to C ice shelf, Antarctic Peninsula, and 10 other ice shelves around Antarctica, *Cryosphere*, 4(2), 161-178, doi:10.5194/tc-4-161-2010.


Hayashi Shoji, Tonooka Hideyuki, and H. T. (2003), Comparison of algorithms for sharpening thermal infrared imagery.


He, Z., B. He, and C. Ying (2010), Hydrothermal alteration mapping using ASTER data in East Kunlun Mountains, China, paper presented at 2010 30th IEEE International Geoscience and Remote Sensing Symposium, IGARSS 2010, July 25, 2010 - July 30, Institute of Electrical and Electronics Engineers Inc, Honolulu, HI.


Hellman, M. J. (2002), Analysis of hot springs in Yellowstone National Park using ASTER and AVIRIS remote sensing.,


Herman, F., B. Anderson, and S. Leprince (2010), Mountain glacier velocity variation during a retreat-advance cycle quantified using high-precision analysis of ASTER images, paper presented at SIRG 2010; Snow and Ice Group (NZ) annual workshop; programme and abstract book, Snow and Ice Research Group, New Zealand (NZL).


Herried, B., C. C. Porter, P. J. Morin, and I. M. Howat (2011), Rapidice viewer; a web application to observe near real-time changes in polar ice sheets and glaciers with a multi-sensor, multi-temporal approach, American Geophysical Union Fall Meeting, 2011, Abstract C41E-0455, doi:http://www.agu.org/cgi-bin/SFgate/SFgate?language=English&verbose=0&listen=table&application=fm11&convert=&convertl=0&refinequery=&formintern=&formextern=&transquery=en%3d41e&_lines=&multiple=0&descriptor=%2fdata%2fpubs%2fwais%2findexes%2ffm11%2ffm11%7c2


Hewson, R. D., T. J. Cudahy, A. C. Burtt, K. Okada, and A. J. Mauger (2004), Assessment of ASTER imagery for geological mapping within the Broken Hill and Olary Domains; To measure is to manage; 12th Australasian remote sensing and photogrammetry conference proceedings, paper presented at 12th Australasian remote sensing and photogrammetry conference, Fremantle, West. Aust., Spatial Sciences Institute, Deakin West, Australia (AUS), Australia.


Hewson, R. D., T. J. Cudahy, M. Shoji, and K. Ueda (2004), Processing and evaluation of ASTER imagery to generate seamless geological maps for regional surveys; To measure is to manage; 12th Australasian remote sensing and photogrammetry conference proceedings, paper presented at 12th Australasian remote sensing and photogrammetry conference, Fremantle, West. Aust., Spatial Sciences Institute, Deakin West, Australia (AUS), Australia.


Hewson, R. D., A. Mah, M. Dunne, and T. J. Cudahy (2003), Mapping mineralogical and structural relationships with satellite-borne ASTER and airborne geophysics at Broken Hill; ASEG 2003; Growth through innovation; 16th geophysical conference & exhibition, Preview (Brisbane, Qld.), 102, 71.


Hikosaka Shuhei, Tonooka Hideyuki, and H. T. (2004), Improvement of a Bayesian-based method for automatic sub-pixel registration of satellite imagery and GIS.


Hirano, A. (2001), Digital stereoscopic and hyperspectral data for environmental mapping applications, *DAI, 63*(01B), 1-156.


Hobson, V. R. (2004), Remote sensing of volcanics; Craters of the Moon lava fields; Geological Society of America, Rocky Mountain Section, 56th annual meeting; Geological Society of America, Cordilleran Section, 100th annual meeting, *Abstracts with Programs - Geological Society of America*, 36(4), 79.


Honarmand, M., H. Ranjbar, and J. Shahabpour (2012), Application of Principal Component Analysis and Spectral Angle Mapper in the Mapping of...


Hook, S. J., F. Prata (2001), Land surface temperature measurements by ASTER and MODIS - first results.,


Hossain, M. S., S. R. Chowdhury, N. G. Das, S. M. Shariffuzzaman, and A. Sultana (2009), Integration of GIS and multicriteria decision analysis for urban aquaculture development in Bangladesh, Landscape Urban Plann., 90(3-4), 119-133.


Hou, B., A. Mauger (2005), How well does remote sensing aid palaeochannel identification? An example from the Harris greenstone belt, MESA Journal, 38, 46-52.


Howat, I. M., B. Smith, I. Joughin, and T. Scambos (2007), The rate of ice sheet mass-loss from southeast Greenland from combined GLAS and ASTER observations, EOS Transactions, American Geophysical Union, 88(52; Suppl. Volume 1-2).


Howell, B., Nguyen Thi Thuc Anh, M. Farmer, and Bui Xuan Vinh (2007), Some preliminary results on the gold exploration program of Pu Sam Cap Project of Triple Plate Junction Ltd., Viet Nam, Geology (Vietnam), 30, 57-67.


Hubbard, B. E., R. G. Clark, A. C. Gellis, M. J. Pavich, and J. C. Mars (2004), Building a geospatial/temporal database for assessing sediment erosion in the Susquehanna watershed; contributions of ASTER, Landsat-7 ETM and ALI imagery; Geological Society of America, Northeastern Section, 38th annual meeting; Geological Society of America, Southeastern Section, 53rd annual meeting, Abstracts with Programs - Geological Society of America, 36(2), 78.


Hudak, A. T., A. M. Smith, J. S. Evans, and M. J. Falkowski (2006), Estimating Coniferous Forest Canopy Cover From LiDAR and Multispectral Data, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Huh, K., B. Csatho, C. J. Van Der Veen, and Y. Ahn (2006), Reconstructing Holocene Glacier Changes in West Greenland From Multispectral ASTER Imagery, *EOS Transactions, American Geophysical Union*, 87(52; Suppl.).

Huh, K. I., B. M. Castho, and C. van der Veen (2006), Reconstructing Holocene glacier changes in West Greenland and from ultispectral ASTER imagery, paper presented at 36th international Arctic workshop, Boulder, CO, United States, March 16-18, 2006, , University of Colorado, Institute of Arctic and Alpine Research (INSTAAR), Boulder, CO, United States (USA).


Hulley, G. C., S. J. Hook (2011), Generating Consistent Land Surface Temperature and Emissivity Products Between ASTER and MODIS Data for Earth


Huss, M., R. Stoeckli, G. Kappenberger, and H. Blatter (2008), Temporal and spatial changes of Laika Glacier, Canadian Arctic, since 1959, inferred from satellite remote sensing and mass-balance modelling, J. Glaciol., 54(188), 857-866.

Hussey, M. C. (2004), Operational application of the De Beers' hyperspectral scanner; To measure is to manage; 12th Australasian remote sensing and photogrammetry conference proceedings, paper presented at 12th Australasian remote sensing and photogrammetry conference, Fremantle, West. Aust., , Spatial Sciences Institute, Deakin West, Australia (AUS), Australia.

Hutchison, K. D., S. Smith (2002), Distribution of earth observing system data via the Texas infomart, paper presented at The 2002 EUMETSAT Meteorological Satellite Conference, Dublin (Ireland), 2-6, Sep 2002, , EUMETSAT.


Idehara Yusuke, Mukai Sonoyo, and S. I. (2004), Thermal state of Kinki area based on Terra / ASTER imagery.


ISHIMARU, N., K. Iwamura (2006), Map feature extraction from hyperspectral imagery using shape and spectral analysis.


Ishiyama, T., Fujikawa Shinji, Okawa Kazumichi, and T. S. (2002), Investigation of surface condition of around oasis in southern part of Xinjiang Uyghur, China.


Islam, M. M., K. Sado (2005), Water quality monitoring of case 2 water using field spectroradiometer and remote sensing data; Remote sensing and GIS for environmental studies; applications in geography, Goettinger Geographische Abhandlungen, 113, 159-166.


Ito, A., J. Miyamoto, Shinada Chihiro, T. H., and T. Tachikawa (2005), Shallow landslide hazard assessment using ASTER data part 1 Thematic map made from ASTER data and the possibility.


Ito, Y., T. Asaki, H. Fukasawa, and M. Furuno (2005), Exploration of Oga area, the southeastern part of the Escondida mine district, Region II, Chile.


Iwakawa, A. (2003), Investigation of ASTER /SWIR as a quasi-hyper spectral sensor.


Jacobs, C. S., W. J. W. Williams (2005), A geoinformatics approach to teaching our students; using the Quaternary mafic Potrillo volcanic field, southern Rio Grande Rift, to better understand cosmogenic helium and argon/argon geochronology in context with multiple geospatial and geochemical datasets; Geological Society of America, 2005 annual meeting, Abstracts with Programs - Geological Society of America, 37(7), 150.


JANSSON Krister N, N. F. GLASSER, l. STROEVEN A P, and l. SWIFT D A (2008), Modification of peripheral mountain ranges by former ice sheets : The Brecon Beacons, Southern UK; Glacial Landscape Evolution - Implications for Glacial Processes, Patterns and Reconstructions, Geomorphology, 97, 178-189.


Jean-Baptiste, N. (2006), Structure, modeling, and ecological characterization of Bocozelle mangrove habitat in the coastal zone of Saint Marc Bay, Haiti, DAI, 67(12B), 103-6841.


Jeong, I. (2008), Resolving parameter dependencies in satellite sensor models, DAI, 211.


Jian, J., Z. Qing (2006), Extraction of Vegetation Information Based on the ASTER Remote Sensing Image taking the Qinghai Lake area as the example, Remote Sensing Information(2), 50-52.


Jianyu, C., M. Zhihua, and H. Xianqiang (2008), Geomorphological diversity of Dong-Sha Atoll based on spectrum and texture analysis in high resolution remote sensing imagery, paper presented at Remote Sensing of Inland, Coastal, and Oceanic Waters, November 18,2008 - November 21,2008, , SPIE.


Jones, B. K., B. Tolk (2002), Archiving, processing, and disseminating of ASTER products at the USGS EROS Data Center, paper presented at Infrared Technology and Applications XXXV, April 13, 2009 - April 17, SPIE.

Jones, B. K., B. Tolk (2002), Archiving, processing, and disseminating of ASTER products at the USGS EROS Data Center, paper presented at Infrared Technology and Applications XXXV, April 13, 2009 - April 17, SPIE.

Jones, B. K., B. Tolk (2002), Archiving, processing, and disseminating of ASTER products at the USGS EROS Data Center, paper presented at Infrared Technology and Applications XXXV, April 13, 2009 - April 17, SPIE.

Jones, B. K., B. Tolk (2002), Archiving, processing, and disseminating of ASTER products at the USGS EROS Data Center, paper presented at Infrared Technology and Applications XXXV, April 13, 2009 - April 17, SPIE.

Jones, B. K., B. Tolk (2002), Archiving, processing, and disseminating of ASTER products at the USGS EROS Data Center, paper presented at Infrared Technology and Applications XXXV, April 13, 2009 - April 17, SPIE.


Joyce, K., S. Samsonov, and G. Jolly (2008), Satellite remote sensing of volcanic activity in New Zealand, paper presented at 2008 Second Workshop on
Use of Remote Sensing Techniques for Monitoring Volcanoes and Seismogenic Areas (USEReST), IEEE, Naples, Italy.


Kaaeb, A. (2006), The Global Land Ice Measurements from Space (GLIMS) project, in Glacier science and environmental change, edited by P. G. Knight, United Kingdom (GBR), Blackwell Publishing, Oxford, United Kingdom (GBR).

Kaeaeb, A., Zurich GLIMS Team, and Flagstaff GLIMS Team (2001), Glacier Monitoring From ASTER Imagery: Accuracy and Applications, 41, 06.


Kahle, A. B. (1997), ASTER: The Spaceborne TIMS,


Kahle, A. B. (1995), Measuring Change in Forests with EOS/ASTER.


Kalvelage, T., J. Willems (2003), Supporting users through integrated retrieval, processing, and distribution systems at the Land Processes Distributed Active Archive Center, paper presented at 54th International Astronautical Congress of the International Astronautical Federation (IAF); Bremen, Germany; Sep. 29 - Oct. 3, 2003, American Institute of Aeronautics and Astronautics, Inc.

Kalvelage, T., J. Willems (2005), Supporting users through integrated retrieval, processing, and distribution systems at the land processes distributed active archive center, Acta Astronaut., 56(7), 681-687.


Kampf, S. K., S. W. Tyler (2003), Characterization of land surface energy fluxes at the Salar de Atacama, Northern Chile using ASTER image classification, 42, 1066.


Kato Akiyoshi, Y. Y. (2005), Assessment of water and temperature stresses of vegetation in urban areas by the VWTI index.

Kato Sosshi, Y. Y. (2003), Surface heat balance analysis in urban areas using remote sensing data.


Kato Sosshi, Y. Y. (2005), Comparison between surface heat balance and geometrical volume in urban area using ASTER data.

Kato Sosshi, Y. Y., and H. Toookka (2002), Heat flux analysis in urban areas using ASTER data.


Katra, I., N. Lancaster (2007), Surface-sediment dynamics in a dust source from thermal infrared remote sensing, EOS, Transactions, American Geophysical Union, 41; 88(52, Suppl. Volume 1-2), 0666.


Katsiabani, K., N. Adaktiou, and C. Cartalis (2009), A generalised methodology for estimating land surface temperature for non-urban areas of Greece through the combined use of NOAA-AVHRR data and ancillary information, Advances in Space Research, 43(6), 930-940.


Kawada, M., Aka Hiroshi, Kobayashi Minoru, K. K., Nishimoto Atsushi, and N. O. (1997), Development of long-life Stirling cycle cryocoolers for ASTER.


Kawai Masaki, Setojima Masahiro, Funahashi Manabu, I. Y., and T. Tachikawa (2005), Examination as to calculation of variation of vegetation and prediction of volume of vegetation by ASTER.


Kawata, Y., H. Fukui, K. Takemata, and N. Takeuchi (2005), Surface reflectance ratios between visible and infrared bands of satellite images over land areas in Japan for retrieval of aerosol optical thickness, Advances in Space Research, 36(5), 773-777.


Kaymakci, N., E. Aldanmaz, C. Langereis, T. L. Spell, O. F. Gurer, and K. A. Zanetti (2007), Late Miocene transient tectonics in NW Turkey; evidence

http://www.refworks.com/refworks2/default.aspx?r=file::get_file&file_name=aster-RefList... 7/19/2012


Kearney, C., K. G. Dean, J. (. Eichelberger, and American Association for the Advancement of Science, Arctic Division, United States (USA) (2003), A preliminary analysis of the detection limit of volcanic sulfur dioxide in the North Pacific using ASTER and MODIS; Extreme events; understanding perturbations to the physical and biological environment, *Program and Abstracts - Arctic Science Conference*, 54, 184.


Oldoinyo Lengai and Kerima volcanoes, Tanzania, Int. J. Remote Sens., 29(22), 6565-6595.


Khromova, T., A. Glazovsky, G. Nossenko, and M. Dyurgerov (2003), Glacier mapping from historical data and ASTER images; Papers and recommendations; Snow watch 2002 workshop and workshop on Assessing global glacier recession, paper presented at Snow watch 2002 workshop and workshop on Assessing global glacier recession, Camp Spring, MD, United States, Oct. 31-Nov. 1, 2002, , National Snow and Ice Data Center/World Data Center for Glaciology, Boulder, CO, United States (USA).


Kilby, W. E., L. D. Jones (2004), MapPlace.ca; more power!; Geological Society of America, Rocky Mountain Section, 56th annual meeting; Geological Society of America, Cordilleran Section, 100th annual meeting, *Abstracts with Programs - Geological Society of America*, 36(4), 30.


Knudson, A. T., P. R. Christensen (2001), Thermal Infrared Multispectral Analysis of Mafic Volcanic Rocks Near Gila Bend, Arizona, 52, 0583.


Kodama, S., A. Iwasaki, R. Nakamura, and Y. Yamaguchi (2006), Reflectance of the lunar surface inferred from ASTER lunar imagery.


Kraus, C. (2006), Generacion de mapa geologico detallado de península Antartica con metodos de sensores remotos. Detailed geological mapping of the Antarctic Peninsula using remote sensing methods, paper presented at VI reunion chilena de investigacion antartica, Concepcion, Chile, Aug. 16-18, 2006, .

Kraus, C. (2007), Generation of a detailed geological map of the Antarctic Peninsula applying remote sensing methods; Antarctica; a keystone in a changing world; online proceedings for the Tenth international symposium on Antarctic earth sciences, U.S. Geological Survey Open File Report, OF 2007-1047, @Extended Abstract 189.


Kruse, F. A. (1992), Geologic remote sensing; new technology, new information, paper presented at International space year; space remote sensing; 12th annual international geoscience and remote sensing symposium, Houston, TX, United States, May 26-29, 1992, Institute of Electrical and Electronics Engineers, New York, NY, United States (USA).


Kudo Masahiko, K. H., Ogikubo Kazuhiro, Narimatsu Yoshihito, Takahashi Fumiho, Mase Ichiho, Watanabe Akihito, and T. S. (1993), Preliminary Design of ASTER.


Kuhn, S. S., M. S. Ramsey (2004), Characterization of dome processes at Soufriere Hills volcano, Montserrat; synthesis of infrared remote sensing data with a multi-parameter database, Program with Abstracts - Geological Association of Canada; Mineralogical Association of Canada: Joint Annual Meeting, 29,
Kuhn, S. S. (2003), Characterization of dome processes at Soufriere Hills Volcano, Montserrat; synthesis of infrared remote sensing data with a multi-parameter database.


Kumpula, T., B. C. Forbes, and F. Stammler (2010), Remote Sensing and Local Knowledge of Hydrocarbon Exploitation: The Case of Bovanenkovo, Yamal Peninsula, West Siberia, Russia, Arctic, 63(2), 165-178.


Kurczyn Robledo, J. A., T. Kretzschmar, and A. Hinojosa Corona (2006), Evaluacion del escurrimiento superficial en el noreste del valle de Guadalupe, B. C., Mexico, usando el metodo de curvas numeradas y datos de satelite. Runoff evaluation in northeastern Guadalupe Valley, Baja California, Mexico, utilizing the breakthrough curve method and satellite data, Revista Mexicana de Ciencias Geologicas, 24(1), 1-14.


Kuscu, I., N. Kaymakci, and M. L. Suzen (2005), Demiroksit-bakir altin (DOBA) tipi yatakların uzaktan algılama yontemleriyle haritalanması; Hasancelebi-
Hekimhan (Malatya) ornegi—Mapping of ironoxide-copper-gold (IOCG) type mineral occurrences using remote sensing; Hasancelebi-Hekimhan (Malatya) as a case study, 


Kutuzov, S. (2007), The recent climate change and glaciers retreat in the Tien Shan mountains, Central Asia,,


Lai, K., Y. Chen, L. Chung, P. Li, and D. Lam (2006), Quaternary basin formation along the Dien Bien Phu fault zone and its neotectonic implication of northwestern Vietnam, *EOS Transactions, American Geophysical Union*, 87(52; Suppl.).


Lammoglia, T., C. R. d. S. Filho (2011), Spectroscopic characterization of oils yielded from Brazilian offshore basins: Potential applications of remote


Lampkin, D. J. (2005), Optical remote sensing for monitoring evolution of ablation season mountain snow cover, DAI, 66(02A), 232-710.


Lang, N. P., M. G. Abdelsalam (2002), Geologic mapping in arid regions with ASTER data; an example from NW Arizona; Geological Society of America, South-Central Section, 36th annual meeting, Abstracts with Programs - Geological Society of America, 34(3), 4.


http://www.refworks.com/refworks2/default.aspx?r=file::get_file&file_name=aster-RefLis...


Laukamp, C. (2008), Validation of spectral techniques for exploration in the Mt Isa Terrane, M4, M9, F6, 89-94.


Leach, J. (2009), Geomorphic mapping of shallow marine sanctuary areas; a case study from Rickett’s Point, Programme with Abstracts - International Geomorphology Conference, 7, @Abstract no. 698.


Lee, S., S. Kang, J. Kim, and D. Lee (2006), Estimating temporal pattern of surface soil moisture content in Gwangneung forest using MODIS data, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Leprince, S., E. Berthier, F. Ayoub, C. Delacourt, and J. Avouac (2007), Monitoring Earth Surface Dynamics With Optical Imagery, EOS Transactions, American Geophysical Union, 88(52; Suppl. Volume 1-2).


Levine, N. S., B. C. Doyle (2005), GSI; geospatial investigations; an interdisciplinary NASA workforce development program; Geological Society of America, 2005 annual meeting, Abstracts with Programs - Geological Society of America, 37(7), 157.


Lewis, D., H. Yao, and R. Kincaid (2006), Crop Residue Coverage Estimation Using ASTER Imagery, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Li, C., H. Xu, and L. Chen (2010), Cross-comparison between ASTER and landsat-7 ETM+ multispectral imagery, Spectroscopy and Spectral Analysis/Guang Pu Xue Yu Guang Pu Fen Xi, 30(9), 2518-2524.

Li, C., A. Shaban (2006), Knowledge Based Bayes Image Classification Approach toward Land Cover, Research of Soil and Water Conservation, 13(6), 126-128.


Li, H., Q. Tian (2004), An Introduction to ASTER Data and ASTER Mission, Remote Sensing Information, 0(3), 53-47.


Li, X., M. Friedl, and A. Strahler (2002), Geometric-Optical Modeling of Directional Thermal Radiance for Improvement of Land Surface Temperature
Refrain from MODIS, ASTER, and Landsat-7 Instruments, 5-5.


Littlefield, E. F. (2010), Analysis of remote sensing data for geothermal exploration over Fish Lake Valley, Esmeralda County, Nevada, 179.


Liu DongLiang, Li HaiBing, Pan JiaWei, M. Chevalier, Pei JunLing, Sun ZhiMing, Si JiaLiang, and Xu Wei (2011), Morphotectonic study from the northeastern margin of the Pamir to the West Kunlun range and its tectonic implications. *Acta Petrol. Sin.*, 27(11), 3499-3512.


Liu, H. (2007), Relationships between landscape pattern and land surface temperature and their applications to the study of West Nile Virus: As case studies in cities of Indianapolis and Chicago, United States, DAI, 68(10A), 132-4420.


Liu, L., Y. Zhang (2011), Urban heat island analysis using the landsat TM data and ASTER Data: A case study in Hong Kong, Remote Sensing, 3(7), 1535-1552.

Liu, M., X. Li, P. Jiang, and J. Sheng (2005), The Application of ASTER Data in Cotton Information Classification --Taking 16 Farm of Nongyishi of Production and Construction Group as An Example, Remote sensing Technology and Application, 20(6), 591-595.


Livo, K. E., K. Watson (2005), Soil surface characterization of the Mancos Shale within the Gunnison Gorge National Conservation Area using master data; Geological Society of America, Rocky Mountain Section, 57th annual meeting, Abstracts with Programs - Geological Society of America, 37(6), 39.


Longley-Sinitsyna, D. A., C. M. Knox-Robinson, A. Belous, and C. M. (. Knox-Robinson (2004), Geological controls and spatial distribution of gold mineralisation in the Karakala mineral field of the southern Kyrgyz Republic, central Asia; SEG 2004; Predictive mineral discovery under cover; SEG conference and exhibition; extended abstracts, Publication - Geology Department and Extension Service, University of Western Australia, 33, 439.


Lovick, J., S. Li, and Romanovsky, Vladimir E (Romanovskiy,Vladimir E.) (2002), Fusion of RADARSAT SAR interferograms with other image and geological


Ma, W., Y. Ma, and L. Zhong (2010), Retrieving land surface temperature from aster data using TES: A case study on the Namco area of the Tibetan PLATEAU, paper presented at 2010 Dragon 2 Mid Term Results Symposium, May 17, 2010 - May 21, , European Space Agency, Guilin City, China.


GLIMS and the GLIMS Information Management System at NSIDC, 22, 0702.


Major, G. R. (2011), Impact of NASA EOS Instrument Data on the Scientific Literature: 10 Years of Published Research Results from Terra, Aqua, and Aura, Issues in Science and Technology Librarianship, 67(Fall).


Manobianco, J., G. E. Taylor (1994), Operational real-time mesoscale numerical weather prediction at the Kennedy Space Center.


Marcal, A. R. S., J. S. Borges, J. A. Gomes, and J. F. Pinto Da Costa (2005), Land cover update by supervised classification of segmented ASTER images,


Mardirossian, G. (2007), Application of remote sensing (optical and SAR) to monitoring water resources, paper presented at NATO advanced research workshop on Supply of water to cities in emergency situations, Tel Aviv, Israel, June 5-7, 2007, .


Mars, J. C., J. C. Wynn (2002), Geologic mapping of the Sierra San Jose mountain range, Mexico using advanced spaceborne thermal emission and reflection radiometer (ASTER) data; a remote sensing tool to assist geologic mapping in the field; Geological Society of America, 2002 annual meeting, Abstracts with Programs - Geological Society of America, 34(6), 551.


Marsh, S. H., K. Greally, and Environmental Research Institute of Michigan, Ann Arbor, MI,United States (USA) (1996), From TM to JERS-1 to ASTER; toward mineral identification with satellite data; Proceedings of the Eleventh thematic conference on geologic remote sensing; practical solutions for real world problems, paper presented at Eleventh thematic conference on Applied geologic remote sensing, Las Vegas, NV, United States, Feb. 27-29, 1996, , Environmental Research Institute of Michigan, Ann Arbor, MI, United States (USA).


Matsumoto, M., K. Arai (1993), The .EPSILON.-T separation with the approximation of the spectral emissivity by orthogonal function expansion.


Matsunaga, T., T. Fujitani (2004), Observation of recent land cover changes in Tsukuba area using ASTER data.

Matsunaga, T., T. Fujitani (2005), Analysis of the relationship between land cover changes and thermal environment in Tsukuba using ASTER data.


Matsunaga, T., S. Rokugawa (1993), Simulated Images of LANDSAT TM, NOAA AVHRR, and ASTER TIR Thermal Channels From TIMS Data-San Francisco Bay, California.


Matsushita, B., Y. Onda, M. Xu, Y. Otsuki, and M. Toyota (2006), Detecting Forest Degradation in Kouchi, Japan Using Visible, Near-IR, Mid-IR, and Thermal-IR Data from ASTER, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Maturilli, A., J. Helbert (2008), Martian analogues emissivity spectra from the Berlin Emissivity Database (BED) in the [3-50] μm spectral region; Lunar and planetary science; XXXIX; papers presented to the Thirty-ninth lunar and planetary science conference, LPI Contribution, 1391, @Abstract 1278.


May, J., H. (. Veit (2006), Geomorphological indicators of large-scale climatic changes in the eastern Bolivian lowlands; Palaeo-Geoekologie der Zentralen Anden. Paleo-geoecology of the Central Andes, Geographica Helvetica, 62(2), 120-134.


Mckenney, R., J. F. Payne, J. Ramage, B. Kortlever, and J. Apgar (2005), Sub-arctic climate variability indicated by patterns of channel change in the upper Yukon Basin, Yukon Territory, Canada; Geological Society of America, 2005 annual meeting, Abstracts with Programs - Geological Society of America, 37 (7), 224.


Meigs, S. F., W. J. W. Williams, and M. E. McMillan (2004), GIS and remote sensing applied to the Quaternary Potrillo volcanic field, southern Rio Grande Rift; Geological Society of America, Rocky Mountain Section, 56th annual meeting; Geological Society of America, Cordilleran Section, 100th annual meeting, Abstracts with Programs - Geological Society of America, 36(4), 79.


Mellors, R. J., B. Panahi (2003), Analysis of mud volcanoes on the Absheron Peninsula, Azerbaijan using InSAR, EOS Transactions, American Geophysical Union, 51, 0400.

Mellors, R. J., T. Bunyapanasarn, and B. M. Panahi (2005), InSAR analysis of the Absheron Peninsula and nearby areas, Azerbaijan; Mud volcanoes, geodynamics and seismicity, NATO Science Series.Series IV, Earth and Environmental Sciences, 51, 201-209.


Mengesha, A. B., M. G. Abdelsalam (2001), Comparison and data fusion of ASTER, ETM+ and SIR-C/X-SAR imagery for geological mapping in arid regions; the Afar Depression, Ethiopia; Geological Society of America, 2001 annual meeting, Abstracts with Programs - Geological Society of America, 33(6), 288-289.


Michishita Ryoko, Furuta Akihiro, O. S. A. Iwasaki, and H. Fujisada (1999), A study on estimating MTF of ASTER data.


Miliaresis, G. C., C. V. E. Paraschou (2011), An evaluation of the accuracy of the ASTER GDEM and the role of stack number: a case study of Nisiros Island,


Millington, A. C., K. White, N. A. Drake, G. Wadge, and D. J. Archer (1995), Remote sensing of geomorphological processes and surficial material geochemistry in drylands; Advances in environmental remote sensing, paper presented at Institute of British Geographers annual conference, , John Wiley & Sons, Chichester, United Kingdom (GBR), Nottingham, United Kingdom.


Minomura Mitsuo, Kuze Hiroaki, and T. N. (2004), Derivation of surface albedo and aerosol optical thickness from Landsat7 ETM+ image using MODTRAN4 simulation.


Mishra, N., K. Honda, and A. V. Kulkarni (2007), Assessment of glacial mass balance using ASTER data and comparison with in-situ measurements; Chota Shingri Glacier, India, paper presented at IUGG XXIV general assembly, Perugia, ITA, Italy, July 2-13, 2007, , IUGG, [location varies], International (III).

Misner, T. J. (2003), Multi-frequency, multi-temporal, brush fire scar analysis in a semi-arid urban environment,


Mobasher, K. (2007), Kinematic and tectonic significance of the fold- and fault-related fracture systems in the Zagros Mountains, southern Iran, DAI, 143, doi:http://digitalarchive.gsu.edu/cgi/viewcontent.cgi?article=1000&context=geosciences_diss&sei-redir=1&referer=http%3A%2F%2Fwww.google.com%2Furl%3Fsa%3Df%26rct%3Dj%26q%3D%2522kinematic%2520and%2520tectonic%2520significance%2520in%2520the%2520Zagros%2520Mountains%2520southern%2520Iran%2520%26source%3Dweb%26cd%3D2%26ved%26eqi%3D2%26ei%3D26.


Moghaderi, A., F. Moore, and A. Mohammadzadeh (2007), The application of advanced space-borne thermal emission and reflection (ASTER) radiometer data in the detection of alteration in the Chadormalu paleocrater, Baqf region, Central Iran, Journal of Asian Earth Sciences, 30(2), 238-252.


Moghaderi, A., F. Moore, and A. Mohammadzadeh (2008), The application of advanced space-borne thermal emission and reflection (ASTER) radiometer


Moon, W. M., J. Won (2002), Polariometric synthetic aperture radar (SAR) and geodynamic applications; an overview of a new Earth system observation concept, *Geosciences Journal (Seoul)*, 6(4), 341-346.


Moriyama Masao, Yano Tomomitsu, and K. N. (2001), Improvement of the thermodiometer of the environmental temperature measurement.


Moriyama, M., M. Kato (2004), Investigation of ASTER VNIR/SWIR atmospheric correction method using together with DEM.


Mukherjee, S. K., M. G. Abdelsalam, and R. Stern (2006), Hyperspectral analysis of the advanced space-borne thermal emission and reflection radiometer (ASTER) data; a case study from the Neoproterozoic Sawawain banded iron formation, Arabian Shield; Geological Society of America, South-Central Section, 40th annual meeting, Abstracts with Programs - Geological Society of America, 38(1), 8.


Muraoka Hiroyasu, M. H., Hakan Nefeslioglu, T. S., and T. Araki (2005), Applying data mining method for detecting landslide susceptible area by using ASTER.


Muukkonen, P., J. Heiskanen (2007), Biomass estimation over a large area based on standwise forest inventory data and ASTER and MODIS satellite data: A possibility to verify carbon inventories, Remote Sens. Environ., 107, 617-624.

Myers, J., S. J. Hook (1997), The MODIS/ASTER Simulator (MASTER) - A New Multispectral Airborne Imaging Spectroradiometer for Land Surface Studies.,


Navarro, E. (2008), Estudios de exploracion geoelectric sobre la formacion Marifil entre Puerto Madryn y Telsen (provincia de Chubut). Geoelectric
exploration of the Marifil Formation between Puerto Madryn and Telsen (Chubut), Geoacta, 33, 70-80.


Necsoiu, M., S. Leprince, C. Dinwiddie, D. Hooper, and G. Walter (2009), Recent migration rates of the Great Kobuk sand dunes, Alaska; technologic and scientific implications for planetary dune systems, LPI Contribution, 1468, 2074.


Nema Nobuyuki, Asakuma Koji, Kuze Hiroaki, and T. N. (2001), Examination of the aerosol model derivation method over Chiba area from AVHRR images.


Nicholson, L., J. Marin, D. Lopez, A. Rabatel, F. Bown, and A. Rivera (2009), Glacier inventory of the upper Huasco Valley, Norte Chico, Chile; glacier characteristics, glacier change and comparison with central Chile, Annals of Glaciology, 50(53), 111-118.

Nicoletti, V., S. Silvestri, F. Rizzetto, L. Tosi, M. Putti, and P. Teatini (2003), Use of remote sensing for the delineation of surface peat deposits south of the Venice Lagoon (Italy), paper presented at Learning from Earth's shapes and sizes; 2003 IEEE international geoscience and remote sensing symposium; proceedings, Jul 21-25 2003, , Institute of Electrical and Electronics Engineers Inc, Toulouse, France.


Nikolakopoulos, K. G. (2003), Use of Vegetation Indexes with ASTER VNIR Data for Burnt Areas Detection in Western Peloponnese, Greece, paper presented at 2003 IGARSS: Learning From Earth's Shapes and Colours, Jul 21-25 2003, , Institute of Electrical and Electronics Engineers Inc.


Ninomiya, Y. (2003), A Stabilized Vegetation Index and Several Mineralogic Indices Defined for ASTER VNIR and SWIR Data, paper presented at 2003 IGARSS: Learning From Earth’s Shapes and Colours, Jul 21-25 2003, , Institute of Electrical and Electronics Engineers Inc.


Ninomiya, Y., B. Fu (1999), Prospects on estimating SiO2 content in the surface rocks with ASTER thermal infrared data.


Ninomiya, Y., B. Fu, T. (. Milne, and B. (. Cechet (2001), Spectral indices for lithologic mapping with ASTER thermal infrared data applying to a part of Beishan Mountains, Gansu, China; IGARSS 2001; Scanning the present and resolving the future; proceedings, paper presented at IEEE 2001 International geoscience and remote sensing symposium, Sydney, N.S.W., Australia, July 9-13, 2001, , Institute of Electrical and Electronics Engineers, New York, NY, United States (USA).

Ninomiya, Y., T. Matsunaga, and Y. Yamaguchi (1997), Estimation of SiO (sub 2) content using simulated TIR remote sensing data generated from from spectra measured on the sawed surfaces of rocks at Cuprite, Nevada, U.S.A; New technology for geosciences, paper presented at 30th international geological congress on New technology for geosciences, Beijing, China, Aug. 4-13, 1996, , International Geological Congress, [location varies], International (III).


Nishimura, J., Y. Nakayama (2004), Monitoring of environmental changes in Dzungar basin based on the analysis of multi-temporal satellite data,

Nonaka Takashi, H. A., and T. Matsunaga (2002), Estimation of the water temperature considering the climate of the local areas using ASTER.

Nonaka Takashi, S. Y., T. Matsunaga, M. Moriyama, and H. Tonooka (2001), Recalibration of thermal infrared bands of Terra ASTER and Landsat -7 ETM+ using the vicarious and cross calibration results.


Numata Yoichi, Saito Kazuya, Y. Y. , Y. Yasuoka, and M. Kaku (1995), Remote sensing .3 Development of vegetation index algorithm by ASTER data.(1).


Nye, C. J. (2006), Introduction to Augustine Volcano and Overview of the 2006 Eruption, *EOS Transactions, American Geophysical Union, 87*(52; Suppl.).


Okada, K. (2004), Strategic significance of advanced mineral and lithological mapping based on hyperspectral remote sensing for mineral exploration; perspective of next generation satellite-borne sensors as successors to ASTER; To measure is to manage; 12th Australasian remote sensing and photogrammetry conference proceedings, paper presented at 12th Australasian remote sensing and photogrammetry conference, Fremantle, West. Aust, Spatial Sciences Institute, Deakin West, Australia (AUS), Australia.


Okada, K., M. Oshii, I. Kohno, and C. F. Chung (1994), Mineral and lithological mapping using remotely sensed data from ASTER, paper presented at 1994 International Association for Mathematical Geology annual conference including the International symposium for mineral exploration (ISME'94) and Geochautauqua ’94, Mont Tremblant, QC, International Association for Mathematical Geology, Canada.


Okazaki Ryota, Funahashi Manabu, Setojima Masahiro, I. Y., and S. Hara (2004), Examination about understanding of the difference of forest characteristic by using ASTER nadir and backward image.


Okubo, Y., M. Kaku, S. Rokugawa, and H. Tsu (2002), Remote-sensing survey for coastal environmental change in Asia; Society of Exploration Geophysicists, international exposition and 72nd annual meeting; technical program, expanded abstracts with authors' biographies, SEG Annual Meeting Expanded Technical Program Abstracts with Biographies, 72, 2435-2438.


Olariu, C., R. J. Stern, and J. P. Bhattacharya (2002), The Red River delta, Lake Texoma; a remote sensing study of delta; Geological Society of America, South-Central Section, 36th annual meeting, Abstracts with Programs - Geological Society of America, 34(3), 31.

Olava, W., E. Espinola, S. Yepez, and F. I. Urbani (2007), Revision geologica de la Isla La Blanquilla mediante el uso de sensores remotos. Geology of La Blanquilla Island by means of remote sensing; Memorias del IX congreso geologico venezolano. Memoirs of the IX Venezuelan geological congress, Geos (Caracas), 39, 7.


Oliver, S., S. van der Wielen (2006), Mineral mapping with ASTER, Aus Geo News, 82.


Oppenheimer, C., A. McGonigle (2002), Remote sensing of volcanic plumes, paper presented at Workshop-short course on Volcanic systems geochemical and geophysical monitoring; melt inclusions; methods, applications and problems, Naples, De Frede Editore, Naples, Italy (ITA), Naples, Italy.


Osaki, K. (2005), Vegetation analysis in urban area by nested variogram model.

Osawa Naoya, O. S. (2006), Monitoring a volcanic plume at Miyake Island with satellite data.


Osterloo, M. M. (2006), Structural analysis of an extensional basin in south-central Oregon; strain quantification using field and remote sensing data sets from Warner Valley.

Othman, N., M. Z. M. Jafri, H. S. Lim, and K. C. Tan (2011), Using ASTER GDEM and SRTM digital elevation models to generate contour lines over rugged


Ouyang, W., F. Hao, J. Zhang, M. Zhang, and F. Yongshuo (2007), The desert disturbance analysis of regional oil exploitation by Aster and ETM images in northwest of China, paper presented at 22nd Annual ACM Symposium on Applied Computing, , ACM.


Owiyo, T. M. (2006), Assessment of land degradation attributes using near infrared spectroscopy, spatial modeling and satellite data in a tropical landscape, DAI, 66(10B), 152-5300.


Ozyavas, A. (2007), Application of radar altimetry and multi temporal satellite imagery to confirm climatic changes affecting water level of Caspian Sea, Abstracts with Programs - Geological Society of America, 39(6), 218.


Palluconi, F. D. (1996), Validation of the ASTER thermal infrared surface radiance data product, paper presented at Earth observing system; Proceedings of


Paul, F., A. Kaaeb, and J. (.) Hagen (2005), Perspectives on the production of a glacier inventory from multispectral satellite data in Arctic Canada; Cumberland Peninsula, Baffin Island; Papers from the International symposium on Arctic glaciology, Annals of Glaciology, 42, 59-66.

Payan, V. (2003), Caracterisation de l'emissivite des surfaces terrestres a partir de donnees multispectrales en infrarouge median et thermique (French and English text), MAI, 43(03), 98-806.


Perego, A., M. Cremaschi, and A. Zerboni (2007), Il telerilevamento nella ricostruzione della paleoidrografia olocenica in zone aride; il caso di studio di Wadi Tanezzuft, Libia SO. Remote sensing to reconstruct the paleohydrology of Holocene arid environments; case study of Wadi Tanezzuft, SW Libya, paper presented at Atti della 1 (super a) riunione del Gruppo di Geologia e Informatica, San Leo, Italy, May 31-June 1, 2006 / Proceedings of the 1st meeting of the Geology and Information Technology Group, Societa Geologica Italiana, Rome, Italy (ITA).


Perry, J. L. (2003), An investigation into the use of ASTER (Advanced Spaceborne Thermal Emission and Reflection Radiometer) data for geologic mapping
in the Powder River Basin, Wyoming, 121.


Pflanz, D., R. Freitag, M. Krbetschek, N. Tsukanov, and B. Baranov (2009), Tectonic geomorphology at the eastern coast of Kamchatka Cape Peninsula, Russia, Programme with Abstracts - International Geomorphology Conference, 7, @Abstract no. 490.

Pflanz, D., M. Krbetschek, R. Freitag, N. Tsukanov, and B. Baranov (2009), OSL dating of marine terraces in eastern Kamchatka, Russia, Terra Nostra (Bonn), 2009-1, 54-55.


Pritchard, M. E., L. Tumia, and E. Trautmann (2006), InSAR monitoring of volcanoes at the highest resolution: Creation and analysis of 30 meter/pixel
topographic maps with interferograms from Andean volcanoes, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Pshenichnikov, A. Y. (2005), Otobrazheniye nekotorykh gidrologicheskikh karakteristik ozer cherez ikh morfometricheskiye pokazateli; na primere Kurganskoy oblasti. Visualization of lake hydrology characteristics with the use of their morphometry; examples from Kurgan region, Vestnik Moskovskogo Universiteta, Seriya 5: Geografiya, 2005(3), 47-53.


Purvis, C. L., V. Lakshmi, and B. Helmuth (2006), Satellite Monitoring of Long Term Changes in Intertidal Thermal Conditions, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Quik, B. R., R. J. Thompson (1991), Early EOS activities at the land processes Distributed Active Archive Center, paper presented at Technical Papers - 1991 ACSM-ASPRS Annual Convention, Publ by ACSM, Bethesda, MD, USA.


Racoviteanu, A. E., Y. Arnaud, M. W. Williams, and J. Ordonez (2008), Decadal changes in glacier parameters in the Cordillera Blanca, Peru, derived from remote sensing, J. Glaciol., 54(186), 499-510.


Ramsey, M., J. Dehn (2004), The synergy of field and satellite-based thermal infrared observations for volcanic surfaces, EOS, Transactions, American Geophysical Union, 85(4), Abstract V32A-08.


Ramsey, M., S. Wright (2005), Mapping stratigraphy from space: Analysis of thermal infrared data of impact crater ejecta on Mars and Earth from the THEMIS and ASTER instruments, EOS Transactions, American Geophysical Union, 86(52, Suppl.), P24A-07.


Ramsey, M. S. (2004), The eruptions of Bezymianny volcano as seen in the infrared; the linkage of dome emplacement processes with near-real time eruption monitoring, *Program with Abstracts - Geological Association of Canada; Mineralogical Association of Canada: Joint Annual Meeting*, 29, 313.


Ramsey, M. S. (2006), The critical need for moderate to high resolution thermal infrared data for volcanic hazard mitigation and process monitoring from the micron to the kilometer scale, *EOS Transactions, American Geophysical Union*, 87(52; Suppl.).


Ramsey, M. S., J. H. Fink (2000), Hazard mitigation associated with silicic dome emplacement; monitoring surface textural variations using remote sensing, paper presented at IAVCEI general assembly 2000; Exploring volcanoes; utilization of their resources and mitigation of their hazards, , IAVCEI, Indonesia (IDN), Bali, Indonesia.

Ramsey, M. S., W. L. Stefanov, P. R. Christensen, and ERIM International, Ann Arbor, MI,United States (USA) (1999), Monitoring world-wide urban land cover changes with ASTER; preliminary results from the Phoenix, AZ LITER site; Proceedings of the Thirteenth international conference on Applied geologic remote sensing, paper presented at Thirteenth international conference and workshops on Applied geologic remote sensing, Vancouver, BC, Canada, March 1-3, 1999, , Environmental Research Institute of Michigan, Ann Arbor, MI, United States (USA).

Ramsey, M. S. (2008), Mining below the sub-pixel scale; past results and new directions in thermal infrared data analysis of the Earth and Mars, *Abstracts with Programs - Geological Society of America*, 40(6), 408.


Ramsey, M. S., J. H. Fink (1997), Remote determination of lava vesicularity; technique preparation for the upcoming spaceborne ASTER instrument; Geological Society of America, Cordilleran Section, 93rd annual meeting [modified], *Abstracts with Programs - Geological Society of America*, 29(5), 58.


Ramsey, M. S., R. L. Wessels, and S. W. Anderson (2012), Surface textures and dynamics of the 2005 lava dome at Shiveluch Volcano, Kamchatka,

Ramsey, M., J. LaBrecque (2004), Automation of the ASTER Emergency Data Acquisition Protocol for Scientific Analysis, Disaster Monitoring and Preparedness, 0.


Rango, A., A. Laliberte, J. Herrick, C. Steele, B. Bestelmeyer, and M. J. Chopping (2006), Use of UAVs for Remote Measurement of Vegetation Canopy Variables, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Raup, B. H., S. S. Khalsa, and R. Armstrong (2006), Creating improved ASTER DEMs over glacierized terrain, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Realmuto, V. J. (2000), The potential use of Earth Observing System data to monitor the passive emission of sulfur dioxide from volcanoes; Remote sensing of active volcanism, Geophysical Monograph, 116, 101-115.

Realmuto, V. J. (2005), Monitoring Volcanic Plumes and Clouds with the NASA Earth Observing System, 21, 0663.

Realmuto, V. J. (2006), Multi-sensor Mapping of Volcanic Plumes and Clouds, EOS Transactions, American Geophysical Union, 87(52; Suppl.), Abstract V43E-06.


Redpath, T., S. Fitzsimons, P. Sirguey, and A. Kaeaeb (2010), Utilising optical satellite imagery to derive multi-temporal flow fields for the Tasman Glacier, paper presented at SIRG 2010; Snow and Ice Group (NZ) annual workshop; programme and abstract book, Snow and Ice Research Group, New Zealand (NZL).


Reiss, D., A. P. Rossi (2011), Seasonal dust devil track observations on Earth and Mars; relationships to atmospheric dust opacity, *LPI Contribution*, 1608, Abstract 2186-Abstract 2186.


Ren, D., M. G. Abdelsalam (2001), Optimum Index Factor (OIF) for ASTER data; examples from the Neoproterozoic Allaqi Suture, Egypt; Geological Society

Ren, D., M. G. Abdelsalam (2003), ASTER band-ratio images for geological mapping in arid regions; the Neoproterozoic Allaqi-Heiani Suture, southern Egypt; *Geological Society of America, South-Central Section*, 37th annual meeting; Geological Society of America, Southeastern Section, 52nd annual meeting, *Abstracts with Programs - Geological Society of America*, 35(1), 66.

Ren, D., M. G. Abdelsalam (2005), Tracing along-strike structural continuity in the Neoproterozoic Allaqi-Heiani Suture, southern Egypt using principal component analysis (PCA), fast Fourier transform (FFT), and redundant wavelet transform (RWT) of ASTER data; *Geological Society of America, South-Central Section*, 39th annual meeting, *Abstracts with Programs - Geological Society of America*, 37(3), 5.

Ren, D., M. G. Abdelsalam, and R. J. Stern (2004), Complex structural information extraction by applying synergistic processing techniques to ASTER images; principal component analysis (PCA), fast Fourier transform (FFT), and redundant wavelet transform (RWT); with examples from the Neoproterozoic Allaqi Suture, southeastern Egypt; *Geological Society of America*, 2004 annual meeting, *Abstracts with Programs - Geological Society of America*, 36(5), 385.


Rivera, M., R. Monge, and P. Navarro (2005), Nuevos datos sobre el volcanismo Cenozoico (Grupo Calipuy) en el norte del Peru; departamentos de La Libertad y Ancash. New data on northern Peru Cenozoic volcanism (Calipuy Group); La Libertad and Ancash districts, Sociedad Geologica del Peru. Boletin,


Rockwell, B. W. (2010), Evaluation of detailed and automated methodologies for hydrothermal alteration mapping from space; application to geoenvironmental and mineral resource assessments at the scale of watersheds and permissive tracts, Abstracts with Programs - Geological Society of America, 42(5), 214.


Rockwell, B. W., A. H. Hofstra (2009), Mapping argillic and advanced argillic alteration in volcanic rocks, quartzites, and quartz arenites in the western Richfield 1 degrees X 2 degrees quadrangle, southwestern Utah, using ASTER satellite data, Abstracts with Programs - Geological Society of America, 41
Rockwell, B. W., A. H. Hofstra (2009), Remote detection of argillic alteration in quartzites and quartz arenites above and distal to porphyry Cu and Mo deposits; implications for assessments of concealed deposits, Abstracts with Programs - Geological Society of America, 41(6), 6.


Rojas, E. H. M. (2005), Genetic Synthesis of Artificial Neural Networks ART2 in the Classification of Aster Images for Land Use and Land Cover Mapping in the North Area, Mato Groso State.,


Rojas, F. (2002), Modulation transfer function analysis of the moderate resolution imaging spectroradiometer (MODIS) on the TERRA satellite, DAI, 63 (12B), 156-6015.


Rokni, K., M. Marghany, M. Hashim, and S. Hazini (2011), Comparative statistical-based and color-related pan sharpening algorithms for ASTER and RADARSAT SAR satellite data, paper presented at IEEE International Conference on Computer Applications and Industrial Electronics(ICCAIE), 4-7 Dec. 2011, Penang, Malaysia, , IEEE.


Rokugawa, S., T. Matsunaga, H. Tonooka, H. Tsu, Y. Kannari, and K. Okada (1999), Temperature and emissivity separation from ASTER on EOS AM-1 - preflight validation by ASTER airborne simulator, Advances in Space Research, 23(8), 1463-1469.


Rokugawa, S., H. Tsu, H. Watanabe, K. Okada, Y. Kannari, S. Chang, and Environmental Research Institute of Michigan, Ann Arbor, MI, United States (USA) (1996), Development and preliminary evaluation of an airborne ASTER simulator (AAS); Proceedings of the Eleventh thematic conference on geologic remote sensing; practical solutions for real world problems, paper presented at Eleventh thematic conference on Applied geologic remote sensing, Las Vegas, NV, United States, Feb. 27-29, 1996, , Environmental Research Institute of Michigan, Ann Arbor, MI, United States (USA).


Rowan, L. C., J. C. Mars (2001), Initial Lithologic Mapping Results Using Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) Data,.


Saadat, H. (2009), A GIS and remote sensing protocol for the extraction and definition of interrill and rill erosion types/intensities over a large area of Iran, 158.


Sahetapy-Engel, S. (2007), Ground-based thermal remote sensing of eruption dynamics at Santiaguito lava dome complex, Guatemala,

Saito Hideki, N. I. (2005), Study on the extraction of defoliated stands of Japanese cedar (Cryptomeria Japonica) by using remote sensing technique.


Sakuma, F. (1999), Preflight cross-calibration activities at NRLM, Advances in Space Research, 23(8), 1435-1442.


Sakuma, F., B. C. Johnson, S. F. Biggar, J. J. Butler, J. W. Cooper, M. Hiramatsu, and K. Suzuki (1996), EOS AM-1 preflight radiometric measurement...


Sakuma, F., T. Sato, H. Inada, S. Akagi, and H. Ono (2008), ASTER on-board calibration status, paper presented at Sensors, Systems, and Next-Generation Satellites XII, September 15, 2008 - September 18, . SPIE.


Sakuno Yuji, T. K. (2002), Preliminary study for the evaluation of land cover changes using topographical maps and ASTER data in the basin of Hiroshima Bay.


http://www.refworks.com/refworks2/default.aspx?r=file::get_file&file_name=aster-RefLis... 7/19/2012


Salonen, V. V. (2000), Recent Results From The Nasa Earth Science Terra Mission and Future Possibilities, paper presented at Space 2000 Conference and Exhibition.


Sasaki Takanori, Zhao Wenhui, and F. S. (2005), Estimation method for elevation at local area by satellite images.


Scambos, T., H. A. Fricker, C. Liu, J. Bohlander, J. Fastook, A. Sargent, R. Massom, and A. Wu (2009), Ice shelf disintegration by plate bending and hydro-


Scharfen, G. (1995), MODIS Activities at the National Snow and Ice Data Center DAAC, paper presented at MODIS Snow and Ice Workshop, .


Scharrer, G. (1995), MODIS Activities at the National Snow and Ice Data Center DAAC, paper presented at MODIS Snow and Ice Workshop, .


Scheidt, S. P., S. L. de Silva, J. R. Zimbelman, N. T. Bridges, and J. G. Viramonte (2011), The composition of Puna gravel ripple fields; a terrestrial analog from TIR remote-sensing and spectroscopy, LPI Contribution, 1608, @Abstract 2706-@Abstract 2706.


Scheidt, S. P., N. Lancaster, and M. S. Ramsey (2010), Spatial patterns of sand composition in the Gran Desierto, MX determined from thermal infrared spectroscopy and ASTER remote sensing data, Abstracts with Programs - Geological Society of America, 42(3), 416.

Scheidt, S. P. (2009), Aeolian system dynamics derived from thermal infrared data, 291.


Schenk, T., B. Csatho, and T. Yoon (2008), Mass balance of the Pacific Ocean sector of Antarctica from remotely sensed data, Abstracts with Programs - Geological Society of America, 40(2), 84.


Schick, C. G. (2004), Terrain change detection using ASTER optical satellite imagery along the Kunlun fault, Tibet, MAI, 43(04), 107-1225.


Schirrmeister, L., G. Grosse, V. V. Kunitsky, M. C. Fuchs, M. Krbetschek, Andreev, Andrei A (Andreyev,Andrey A), U. Herzschuh, O. Babyi, C. Siegert, H. Meyer, Derevyagin, Alexander Y (Derevyagin,Aleksander Y), and S. Wetterich (2010), The mystery of Bunge Land (New Siberian Archipelago); implications for its formation based on palaeoenvironmental records, geomorphology, and remote sensing, Quaternary Science Reviews, 29(25-26), 3598-3614, doi:http://dx.doi.org/10.1016/j.quascirev.2009.11.017.


Schmidt, S., M. Nuesser (2009), Fluctuations of Raikot Glacier during the past 70 years: a case study from the Nanga Parbat massif, northern Pakistan, J. Glaciol., 55(194), 949-959.


Schmugge, T., M. Abrams, A. Kahle, Y. Yamaguchi, and H. Fujisada (2003), The Advanced Spaceborne Thermal Emission and Reflection Radiometer


Schmugge, T., K. Ogawa (2006), Land Surface Emissivity Observations in the 8 - 12 micrometer window from ASTER and MODIS Data.,

Schmugge, T., K. Ogawa (2007), Land Surface Emissivity Observations in the 8 - 12 micrometer window from ASTER and MODIS Data, American Meteorological Society, San Antonio, TX.

Schmugge, T., K. Ogawa, and A. N. French (2005), Validation of the ASTER Temperature Emissivity Separation (TES) algorithm with field measurements, 23, 01.

Schmugge, T., K. Ogawa, A. N. French, A. Hsu, J. C. Ritchie, and A. Rango (2003), ASTER Observations of Surface Temperature and Emissivity over New Mexico Test Sites, 21, 01.


Schneider, D., H. D. Granados, C. Huggel, and A. Kaab (2008), Assessing lahars from ice-capped volcanoes using ASTER satellite data, the SRTM DTM and two different flow models: case study on Iztaccihuatl (Central Mexico), Natural Hazards and Earth System Sciences, 8(3), 559-571.


Seguchi, M., M. Koriyama, and Y. Shin (2009), Measurement of LAI in the watershed using Terra-ASTER data, paper presented at American Society of Agricultural and Biological Engineers Annual International Meeting 2009, June 21, 2009 - June 24, , American Society of Agricultural and Biological Engineers, Reno, NV.


Seiz, G., M. Baltsavias, and A. Gruen (2005), High-resolution cloud motion analysis with Meteosat-6 rapid scans, MISR and ASTER, paper presented at The 2003 EUMETSAT Meteorological Satellite Conference, Weimar (Germany), 29 Sep-3 Oct 2003, , EUMETSAT.


Senna, J., C. R. Souza Filho (2008), Spectro-mineralogical characterization of Brazilian agalmatolites using reflectance spectroscopy and ASTER imagery analysis, paper presented at Sociedade Brasileira de Geologia; 44 degrees congresso, Curitiba, Brazil, Oct. 26-31, 2008, , Sociedade Brasileira de Geologia,
Porto Alegre, Brazil (BRA).


Shabana Tatsumaro, O. S. (2006), Identification at the Undersea Remains at Yonaguni Island with the Satellite Data.


Shafique, M., M. van der Meijde, and D. G. Rossiter (2011), Geophysical and remote sensing-based approach to model regolith thickness in a data-sparse


Shen Qiang, E Dongchen, and Zhou Chunxia (2005), Automated DEM extraction using ASTER stereo data of the Grove Mountains in Antarctica, Cehui Xinxi yu Gongcheng = Journal of Geomatics, 30(3), 47-49.


Sheng, J. P. Wilson, and S. Lee (2009), Comparison of land surface temperature (LST) modeled with a spatially-distributed solar radiation model (SRAD) and remote sensing data, Environmental Modelling and Software, 24(3), 436-443.


Shimazaki Hirotu, M. T., and M. Tamura (2005), A compatibility assessment of satellite optical sensors for monitoring wetland environments over a broad spatial scale.


Shroder, J., M. Bishop, H. Bulley, U. Haritashya, J. Olsenholter, Lai Yuanming, Ma Wei, and Zhao Shuping (2006), Cryosphere and permafrost change resulting in slope instability in Hindu Kush and western Himalaya; Asian conference on Permafrost, paper presented at Asian conference on Permafrost, Lanzhou, Publisher unknown, China (CHN), China.


Sirguey, P. J., T. Redpath, S. Fitzsimons, and A. Kaab (2011), Insights into temporal variability of surface flow velocity of the Tasman Glacier, New Zealand; provided by optical satellite imagery, American Geophysical Union Fall Meeting, 2011, Abstract C42B-06.


Smailbegovic, A. (2002), Structural and lithologic constraints to mineralization in Aurora, Nevada and Bodie, California mining districts, observed with aerospace geophysical data, *DAI*, 63(07B), 260-3202.


Smith, E. S., R. L. Nusbaum (2006), Mapping parts of the Toquima and Toiyabe Ranges in Nevada using DEM along with ASTER and ALI remote sensing data; Geological Society of America, Southeastern Section, 55th annual meeting, *Abstracts with Programs - Geological Society of America*, 38(3), 34.


Sneed, W. A., G. S. Hamilton (2006), Determining surface meltwater pond volume using satellite imagery, *EOS Transactions, American Geophysical Union*, 87(52; Suppl.).


Snodgrass, E. R., R. M. Rauber, L. Di Girolamo, and G. Zhao (2005), Synergizing high-resolution EOS Terra satellite data and S-POLKA radar reflectivity to
assess trade wind cumuli precipitation.


Soupios, P., N. Argyriou, M. Kouli, F. Vaillianatos, and D. Rust (2007), Morphometric analysis of the western Crete watersheds, Greece, using geographic information systems, paper presented at Earth; our changing planet; proceedings of IUGG XXIV general assembly, Perugia, IT, Italy, July 2-13, 2007, IUGG, [location varies], International (III).


Spruce, J., J. Berglund, and B. Davis (2006), Developing Coastal Surface Roughness Maps Using ASTER and QuickBird Data Sources, paper presented at 2004 High Spatial Resolution Commercial Imagery Workshop; 8-10 Nov, 2004; Reston, VA, NASA Stennis Space Center; Stennis Space Center, MS.

Spruce, J. P., C. Hall (2005), Techniques for Producing Coastal Land Water Masks from Landsat and Other Multispectral Satellite Data, 1.


Spyropoulou, K. D. (2003), Interpretation of tectonics from digital elevation data in the San Gabriel Mountains, CA; evaluation of methods and data sources, 1.


Starnouls, V. (2009), Tenement evaluation for uranium potential through the application of remote sensing techniques and landscape evolution studies; *Publication Series - Australasian Institute of Mining and Metallurgy*, 5(2009), 25-26.
Stamoulis, V., J. Hall, and Australasian Institute of Mining and Metallurgy, Carlton, Victoria, (AUS) (2007), New technology used to detect palaeochannels; a case study from the Lake Frome district in South Australia, Publication Series - Australasian Institute of Mining and Metallurgy, 3/2007, 75.


Stearns, L., G. Hamilton (2005), A new velocity map for Byrd Glacier, East Antarctica, from sequential ASTER satellite imagery, Annals of Glaciology, 41, 71-76.


Steele, C. M., A. Smith, A. Campanella, and A. Rango (2008), The contribution of vegetation cover and bare soil to pixel reflectance in an arid ecosystem, AGU Fall Meeting Abstracts, 32, 02.


Steissberg, T. E., S. J. Hook, and G. Schladow (2006), High-Spatial-Resolution Thermal Infrared Satellite Images for Lake Studies, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Stokes, C. R., C. Clark (2003), Ice stream initiation and shut-down; evidence from the Dubawnt Lake palaeo-ice stream, NW Canadian Shield; XVI INQUA congress; shaping the Earth; a Quaternary perspective, Congress of the International Union for Quaternary Research, 16, 116.


Stolz, T. A. (2008), Geological mapping of Orhon, Tariat, and Egiin Dawaa, central Mongolia, through the interpretation of remote sensing data, 102.


Strasen, J. L. (2008), Depositional environments of the Middle Jurassic lower Sundance Formation, Bighorn Basin, Wyoming, OAI, 69(05B), 289-2867.


Strong, D. T., S. Fitzsimons, and P. Sirguey (2010), Proglacial lake growth in Aoraki/Mt Cook National Park, examined using remotely sensed imagery, paper presented at SIGR 2010; Snow and Ice Group (NZ) annual workshop; programme and abstract book, , Snow and Ice Research Group, New Zealand (NZL).


Sultana, D. N., M. G. Abdelsalam (2004), Multi-spatial resolution digital elevation models for studying the evolution of complex drainage system; the Gorge of the Nile, Ethiopia, Annual Meeting Expanded Abstracts - American Association of Petroleum Geologists, 13, 134.


Sultana, D. N., M. G. Abdelsalam (2005), Geologic controls of the gorge of the Nile in Ethiopia; an integrated approach from ASTER, RADARSAT, DEMs and field studies; Geological Society of America, South-Central Section, 39th annual meeting, Abstracts with Programs - Geological Society of America, 37(3), 4-5.


Surazakor, A. B., V. B. Aizen, E. M. Aizen, S. A. Nikitin, and J. K. Narrojohny (2006), Glacier Area and River Runoff Changes in the Head of Ob River Basins During the Last 50 Years, EOS Transactions, American Geophysical Union, 87(52, Suppl.).

Suryantini, S. E., F. J. A. van Ruitenbeek, and F. D. van der Meer (2005), The effect of weathering on reflectance spectra of hydrothermal white micas and chlorites; implications for alteration mapping, paper presented at Mineral deposit research; meeting the global challenge; proceedings: Eighth biennial SGA meeting, Beijing, China, Aug. 18-21, 2005, , Springer, Berlin, Federal Republic of Germany (DEU).


Suzuki, R., K. Fujita, and Y. Ageta (2006), Spatial Distribution of Thermal Properties on Debris-Covered Glaciers in the Himalayas Derived From ASTER Data, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Swalf, P. S., A. P. Crosta, and C. R. de Souza Filho (2003), Remote sensing signature of the Morro do Ouro gold deposit, Minas Gerais, Brazil, using reflectance spectrometry; application to mineral exploration using spaceborne multispectral sensors; Geotecnologias aplicadas a geologia. Applied geotechnologies in geology, Revista Brasileira de Geociencias, 33(2, Suplemento), 221-227.


Tadono, T., M. Shimada, T. Hashimoto, H. Murakami, J. Takaku, and A. Mukaida (2006), Results of initial calibration and validation for ALOS optical sensors (PRISM and AVNIR-2).


Takahara, H., M. Urai (1998), Surface temperature observation of Satsuma Iojima volcano with satellite image.


Takeda Ippei, Y. Y. (2000), Verification of applicability of mineral spectral indices to ASTER SWIR data.


Takeuchi Wataru, Y. Y. (2003), Accuracy assessment of geometric correction with Terra ASTER.

Takeuchi Wataru, Y. Y. (2003), Development of normalized vegetation-soil-water indices for remote sensing data.

Takeuchi Wataru, Y. Y. (2004), Development of ASTER data management system on WWW.


Takeuchi Wataru, Ochi Shiro, and Y. Y. (2002), Accuracy assessment of scaling up technique between Terra MODIS and ASTER data.


Takeuchi Wataru, Ochi Shiro, Y. Y. , and T. Nakano (2002), Estimation of Methane Emission from Northern part of West Siberian Lowland by scaling up technique between Terra MODIS and ASTER data.

Takeuchi Yuka, Takagi Naoki, and A. Y. (2004), Surface temperature map with remote sensing data.


Tan, Q., J. Wang (2007), Land cover and land use change detection of Beijing with textural information from satellite remote sensing data, paper presented at 28th Canadian Symposium on Remote Sensing and ASPRS Fall Specialty Conference 2007, , American Society for Photogrammetry and Remote Sensing, Bethesda, MD 20814-2160, United States.


Tanaka, Y. (2009), How Grid enables E-science? Design and implementation of the GEO grid, Synthesiology, 2(1), 32-41.


Tanikawa Hiroki, K. S., N. Hasegawa, and T. Hogen (2005), Study of the Classification of Man-made Forest Based on Satellite Imagery.


Taranik, J. V. (2001), New applications of remote sensing to mineral exploration; Geological Society of America, 2001 annual meeting, Abstracts with Programs - Geological Society of America, 33(6), 347.


Taranik, J. V., V. A. Ramos (1998), Aerospace remote sensing for mineral exploration and environmental stewardship; Cordillera de los Andes; geological and mining potential; the new tectonic and metallogenic approach, paper presented at Cordillera de los Andes; geological and mining potential; the new tectonic and metallogenic approach, Mendoza, , GRK Servicios Mineros, Mendoza, Argentina (ARG), Argentina.


Tefera, B., G. Sterk (2008), Hydropower-induced land use change in Fincha'a watershed, western Ethiopia: Analysis and impacts, Mountain Research and Development, 28(1), 72-80.


Teggi, S. (2010), Temperature of coastal waters and of watercourses from ASTER images, Rivista Italiana Di Telerilevamento, 42(2), 75-86.


Teixeira, C. G. (2005), Validation of Linear Spectral Mixing Model Applied to TERRA/ASTER Images Using IKONOS Data.,


Teodoro, A. C., F. Veloso-Gomes (2007), Quantification of the total suspended matter concentration around the sea breaking zone from in situ measurements and terra/aster data, Marine Georesources and Geotechnology, 25(2), 67-80.

Tesfaye, S. (2010), Relay zones; an explanation for the jogs along the eastern Main Ethiopian Rift escarpment, Abstracts with Programs - Geological Society of America, 42(5), 269.

Teshima Yu, I. A. (2005), Correction of Terra spacecraft attitude fluctuation using ASTER image.


Tessema, A., N. Nefale, and D. Sebake (2012), The use of high-resolution airborne magnetic, ASTER and Landsat 7 ETM+ images for identification of


Thome, K. J., D. O. Starr (2004), Vicarious Calibration of VNIR/SWIR Bands of ASTER,


Thurmond, A. K., M. Abdel-Salam, Z. Yin, A. Hassanipak, and A. M. Ghazi (2002), Structural Analysis of the Khoy Ophiolite, NW Iran from ASTER Imagery, 22, 04.


Thurmond, A. K., J. B. Thurmond, and M. G. Abdelsalam (2003), Effective algorithms for remote sensing data integration as applied to geological studies; examples from the Afar Depression, Ethiopia; Geological Society of America, South-Central Section, 37th annual meeting; Geological Society of America, Southeastern Section, 52nd annual meeting, Abstracts with Programs - Geological Society of America, 35(1), 65-66.

Thurmond, A. K. (2002), Understanding the structural control of the Nile through the Batn El Hajar region, northern Sudan using remote sensing imagery, 93.


Tobita Yosuke, Saito Hiroyuki, and I. Y. (2004), Geometric Accuracy of ASTER level 1b data with due consideration on pointing angle and relief displacement.


Tonooka Hideyuki, M. T. (2005), Application of Adaptive Bayesian Contextual Classifier to ASTER /VNIR imagery.

Tonooka Hideyuki, Y. N. (2005), Straylight effects in hot spot analyses by ASTER /TIR-Case study for Mts. St. Helens and Iwate-.

Tonooka Hideyuki, Fukuda Masaki, and H. T. (2001), Generation of ASTER /SWIR and TIR spectral images with the spatial resolution of 15 meter.

Tonooka Hideyuki, Shinoda Takashi, and H. S. (2004), Generation of ASTER synthetic blue-band image by Regression Variable Substitution method with MODIS data.

Tonooka Hideyuki, Watanabe Akira, and M. T. (2005), Field measurement of thermal infrared band emissivity on frozen Lake Kussharo.


Tonooka, H. (2003), Probability of snow/ice monitoring by thermal infrared emissivity spectra.


Tonooka, H., F. Palluconi (2001), Early Validation Results for the Atmospheric Correction Algorithm of ASTER TIR, paper presented at Proceedings of the CEReS international symposium on remote sensing of the atmosphere and validation of satellite data, .


Tonooka, H., A. Watanabe, and T. Minomo (2005), ASTER/TIR vicarious calibration and band emissivity measurements on frozen lake, paper presented at


Townshend, J. (2008), Recent North American Forest Dynamics via Integration of ASTER, MODIS, and Landsat Reflectance Data, 11.


Trevino, L., G. R. Keller (2001), The North and South Park basins of central Colorado; an integrated geophysical study; Geological Society of America, Rocky Mountain Section, 53rd annual meeting; Geological Society of America, South-Central Section, 35th annual meeting, *Abstracts with Programs - Geological Society of America*, 33(5), 61.


Tsuchida, S. (1998), Snow BRDF effects on vicarious and cross calibrations of ASTER, paper presented at Proceedings of the 1998 Conference on Sensors,

Tsuchida, S., F. Sakuma, A. Iwasaki, N. Ogi, and H. Inada (2005), Degradation models and functions for ASTER /VNIR sensor.

Tsuchiya, K., M. Kaneko (2002), Comparison of the vegetation index computed from modis, AVHRR and ASTER data over Hokkaido, Japan BUHEAOSIEN, paper presented at COSPAR, Plenary Meeting, .

Tsuru, T., A. Okuda, T. No, Y. Kaneda, and K. Tamaki (2008), Subsurface structure of the Myojin Knoll pumiceous volcano obtained from multichannel seismic reflection data, Earth, Planets and Space, 60(7), 721-726.

Tsushima Kuniyuki, S. Y. (2004), Preliminary study for the estimation of underwater forest distribution in Hiroshima Bay using ASTER data.


Ubeda, J., D. Palacios, and L. Vazquez (2009), Reconstruction of equilibrium line altitudes of Nevado Coropuna glaciers (southern Peru) from the Late Pleistocene to the present, Geophysical Research Abstracts, 11, EGU2009-8067-2.

Ubul, G., J. Ding, and A. Ruzi (2008), A quantitative analysis of the grassland landscape pattern in arid oasis: a case study in the Qira, paper presented at Geoinformatics 2008 and Joint Conference on GIS and Built Environment: Monitoring and Assessment of Natural Resources and Environments, , SPIE - The International Society for Optical Engineering.


Ukawa, K., K. Katoh (2006), Relationship between avian diversity in middle and large woodlots in urban areas and their surrounding environment, paper presented at JILA the 24th Scientific Research Meeting, , Japanese Institute of Landscape Architecture.


Unrau, R. T. (2009), Synthetic aperture radar (SAR) as a tool for mapping remote geology as applied to the Belcher Islands, Nunavut, Canada, 1-55.


Urai, M. (2001), Volcano observation with ASTER.,


Urai, M. (2006), Lava effusion rate estimated from remotely sensed thermal anomaly at Merapi volcano, Indonesia, EOS Transactions, American Geophysical Union, 87(52; Suppl.), Abstract V43B-1788.


Urai, M. (1998), Possibility of volcanic gas(SO2) detection with ASTER.


Urai, M. (2001), Sulfur dioxide distribution discharged from a volcano by ASTER.


Urai, M. (2006), 2005 Sierra Negra eruption in Galapagos Island observed by ASTER.


Urai, M., S. Machida (2003), Volcanic discolored seawater analysis using ASTER Reflectance Product (2B05V).


van der Wielen, S., S. Oliver, and A. Kalinowski (2004), Remote sensing and spectral investigations in the Western Succession, Mount Isa Inlier; implications for exploration; Predictive Mineral Discovery Cooperative Research Centre; extended abstracts from the June 2004 conference, Record - Geoscience Australia, 2004/09, 205-208.


VanDerVeen, K. (2004), Pilot Study for Using Aster Images to Map Glacial Geomorphology, 0.


Vani, K., S. Sanjeevi, and A. Ravindran (2002), Wavelet based fusion of ASTER (VNIR and SWIR) bands for improved soil information extraction; Proceedings of the ISPRS commission VII symposium; resource and environmental monitoring, The = International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences (Print) = Internationales Archiv fuer Photogrammetrie, Fernerkundung und Raumbezogene Informationswissenschaften (Print) = Archives International (TRUNCATED), 34, 140-145.


Vaughan, R. G., S. J. Hook, and A. G. Davies (2006), Spaceborne Thermal Infrared Measurements of Volcanic Thermal Features, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Vaughan, R. G., R. Wessels, and M. S. Ramsey (2005), Monitoring Renewed Volcanic Activity at Mount St. Helens with High-Resolution Thermal Infrared Data:ASTER, MASTER and FLIR, EOS Transactions, American Geophysical Union, 86(52, SUPPL.), Abstract V53D-1603.

Vaughan, R. G. (2004), Surface mineral mapping at Virginia City and Steamboat Springs, Nevada with multi-wavelength infrared remote sensing image data, DAI, 66(01B), 259-166.


Voilesky, J. C. (2002), Massive sulfide deposits of the Wadi Bidah Mineral District, Saudi Arabia: Geologic control of mineralization; remote sensing and mineral exploration; geochemical exploration and petrogenesis, DAI, 64(04B), 130-1660.


Vu, T. T., M. Matsuoka, and F. Yamazaki (2006), Object-Based Image Analysis for Mapping Tsunami-Affected Areas, paper presented at 100th Anniversary Earthquake Conference including the 8th U.S. National Conference on Earthquake Engineering (8NCEE), the SSA Centennial Meeting, and the OES Disaster Resistant California Conference; San Francisco, CA; USA; 18-22 Apr. 2006, Earthquake Engineering Research Institute.


Wang, T., S. Chen, and Y. Ma (2008), Accuracy assessment of linear spectral mixture model due to terrain undulation, paper presented at International Conference on Earth Observation Data Processing and Analysis, ICEODPA, SPIE.


Warner, N. H., J. D. Farmer (2008), Laboratory and remote identification of hydrothermal alteration materials associated with subglacial outflow surfaces in Iceland, *LPI Contribution*, 1391, @Abstract 1477.


Watanabe Hiroshi, M. J., and S. Fushimi (2000), Post-launch status of ASTER Ground Data System and how to get ASTER data by using it.


Watanabe, H., T. Takemura, K. Adachi, I. Kohno, and C. F. Chung (1994), An application of fuzzy classification for mineral mapping using ASTER simulation data; 1994 International Association for Mathematical Geology annual conference; papers and extended abstracts for technical programs, paper presented at 1994 International Association for Mathematical Geology annual conference including the International symposium for mineral exploration (ISME’94) and Geochautauqua ’94, Mont Tremblant, QC, , International Association for Mathematical Geology, Canada.


Watanabe, H. (2005), Application of remote sensing data including ASTER to hazard prevention'-Focusing on the earthquake off the coast of Sumatra Island-, *Butsuri-Tansa = Geophysical Exploration*, 58,NO.6, PAGE.611-616.


Wechsler, N., M. Eneva, and Y. Ben-Zion (2006), Identifying Pulverized Rocks At The Macro Scale Using Thermal Remote Sensing, A Test Case From The Mojave Section Of The San-Andreas Fault, EOS Transactions, American Geophysical Union, 87(Suppl.).


WEI, S., J. ZHANG, and J. CHEN (2007), Study on Construction Land Distribution in Fujian and Taiwan Provinces Based on Spatial Autocorrelation Analysis, Progress in geography, 26(3), 11-17.


doi: http://dx.doi.org/10.1109/TGRS.2011.2128874.


Wessels, R., S. Senyukov, A. Tranbenkova, M. S. Ramsey, and D. J. Schneider (2004), Detecting small geothermal features at Northern Pacific volcanoes with ASTER thermal infrared data, EOS Transactions, American Geophysical Union, 85(47, Suppl), Abstract V33C-1479.


Wickert, L. M., P. Budketwitsch, and W. A. Morris (2008), Case study 10, Lithological mapping using ASTER, Belcher Islands, Nunavut; Open-File Report -


Wielen, S. E., S. Oliver, A. A. Kalinowski, and J. Creasey (2005), Remotely sensed imaging of hydrothermal footprints in the Western Succession, Mount Isa Inlier, in 3D basin architecture and mineral systems in the Mt Isa Western Succession; Project II; final report, vol. II, edited by G. M. Gibson et al, Australia (AUS), Predictive Mineral Discovery Cooperative Research Centre (pmd*CRC), University of Melbourne, School of Earth Sciences, Melbourne, Victoria, Australia (AUS).


Wilson, T., M. Wei (2004), Greenland Glacier History from ASTER.,

Willis, J. B., R. L. Bruhn (2005), Neotectonic vs. glacial geomorphology, Susitna River lowland and margins, Alaska; Geological Society of America, 2005 annual meeting, Abstracts with Programs - Geological Society of America, 37(7), 560.

Wolfe, R. E., H. K. Ramapriyan (2010), Scaling the PIPE: NASA EOS TERRA data systems at 10, paper presented at 2010 30th IEEE International

Wolken, G. J. (2004), Trimlines and recently exposed terrain as indicators of Late Holocene climatic change in the Queen Elizabeth Islands, Arctic Canada, Program with Abstracts - Geological Association of Canada; Mineralogical Association of Canada: Joint Annual Meeting, 29, 49.


Wright, S. P. (2003), Thermal infrared data analyses of Meteor Crater, Arizona; implications for Mars spaceborne data from the Thermal Emission Imaging System,,

Wynn, J. C., J. L. Mars, F. Gray, A. P. Schultz, F. A. Maldonado, F. A. Villasenor, and L. M. Brady-Norman (2003), ASTER imagery and aeromagnetic data; powerful tools to aid reconnaissance geologic mapping of the Sierra San Jose Mountain Range, northern Sonora State, Mexico; Symposium on The application of geophysics to engineering and environmental problems, paper presented at Symposium on The application of geophysics to engineering and environmental problems, San Antonio, TX, United States, April 6-10, 2003, Environmental and Engineering Geophysical Society, Wheat Ridge, CO, United States (USA).


Xing, D., Q. Chang (2009), Identification of species of fruit trees based on the spectral reflectance of canopies of fruit trees during flowering period, Hongwai Yu Haoomibo Xuebao/Journal of Infrared and Millimeter Waves, 28(3), 207-211.


Xu, H. (2008), A new remote sensing index for fastly extracting impervious surface information, Geomatics and Information Science of Wuhan University, 33(11), 1150-1153.


Xu, H., T. Zhang, and C. Li (2011), Cross comparison of thermal infrared data between ASTER and Landsat ETM+ sensors, Geomatics and Information Science of Wuhan University, 36(8), 936-940+1007.


Xu, L., R. Niu, Y. Zhao, J. Li, and T. Wu (2009), Snow cover mapping over the tibetan plateau with MODIS and ASTER data, paper presented at 2nd International Conference on Earth Observation for Global Changes, May 25, 2009 - May 29, SPIE, Chengdu, China.


Xu, S., Z. Qing (2006), Extraction of Vegetation Information Based on the ASTER Remote Sensing Image taking the Qinghai Lake area as the example, Remote Sensing Information(2), 59-62.


Yajima, T., H. Qingcheng (2005), Mineral resource exploration using advanced remote sensing data, paper presented at Sustainable development of geo-resources and geo-environment, Beijing, CCOP Technical Secretariat, China.


Yamaguchi, S., Y. Nakayama, and G. Mu (2004), Comparison between satellite DEM data with field measurement for relative height of terraces around a closed lake.

Yamaguchi, S., Y. Nakayama, and G. Mu (2004), Experimental analysis of paleoenvironmental change in lakes of arid region by ASTER DEM data.


Yamaguchi, Y., C. Naito (1999), Spectral indices for lithologic discrimination using the ASTER SWIR bands; Proceedings of the thirteenth international conference; Applied geologic remote sensing, paper presented at Thirteenth international conference on Applied geologic remote sensing, Vancouver, BC, Canada, March 1-3, 1999, Environmental Research Institute of Michigan, Ann Arbor, MI, United States (USA).


Yamamoto, K., T. Yajima (2004), Detection of minerals containing NH4+ using ASTER and Hyperion data.


Yamamoto, M., Yoshida Takeshi, S. Y. , and T. Matsunaga (2003), Validation of water temperature estimated from ASTER /TIR data of day and night at the lake and the bay in Japan.


Yan, Y. E., R. Becker, M. Sultan, and E. Ballerstein (2003), Development of the Tushka Lakes in the south Western Desert of Egypt, Abstracts with Programs - Geosociety of America, 35(6), 315.


Yang, H., Y. Liua, Y. Yang, and C. Zhang (2009), Estimation and analysis of land surface water and heat fluxes in mountain-plain area based on remote sensing and DEM, paper presented at G2009 17th International Conference on Geoinformatics, Geoinformatics 2009geoinformatics, 2009 17th International Conference on, , IEEE, Fairfax, VA.


Ye, F., D. Liu (2008), Extraction of reduced alteration information based on Aster data: A case study of the Bashibulake uranium ore district, paper presented at International Conference on Earth Observation Data Processing and Analysis, ICEODPA, , SPIE.


Yong, A., S. E. Hough, C. Wills, and M. Abrams (2006), Site Characterization Using Satellite Imagery, *EOS Transactions, American Geophysical Union, 87* (52; Suppl.).

Yong, A. (2007), Geophysical site characterization using geomorphology, geology and integrated digital imaging methods on satellite data.


Yoshikawa, K., Zhao Lin, Ye Baisheng, Lai Yuanming, Ma Wei, and Zhao Shuping (2006), Historical variability of the icing (aufeis) in the Brooks Range, Alaska and Kunlun Mountain, China; Asian conference on Permafrost, paper presented at Asian conference on Permafrost, Lanzhou, Publisher unknown, China (CHN), China.

Yoshiki, N., B. h. Fu (2003), Extracting lithologic information from aster multispectral thermal infrared data in the northeastern pamirs, *Xinjiang Geology, 21*(1), 22-30.


Yuksel, A., R. Gundogan, and A. E. Akay (2008), Using the remote sensing and GIS technology for erosion risk mapping of Kartalkaya Dam Watershed in Kahramanmaras, Turkey, *Sensors, 8*(8), 4851-4865.


Zhang Yujun, Yang Jianmin (2005), A new exploration parameter for metallic deposits; the alteration remote sensing anomaly, paper presented at Mineral deposit research; meeting the global challenge; proceedings 8th biennial SGA meeting, Beijing, China, Aug. 18-21, 2005.

Zhang Yujun, Yao Fojun (2005), A new exploration parameter for metallic deposits; the alteration remote sensing anomaly, paper presented at Mineral deposit research; meeting the global challenge; proceedings 8th biennial SGA meeting, Beijing, China, Aug. 18-21, 2005.


Zhang, H., B. Huang (2011), Scale conversion of multi sensor remote sensing image using single frame super resolution technology, paper presented at 19th International Conference on Geoinformatics, 2011. 24-26 June 2011, Shanghai, China.


Zhang, X. (2005), Gold-related lithologic and mineral mapping from Hyperion and ASTER data in the south Chocolate Mountains, California, *DAI*, 67(02A), 168-1673.


Zhang, Y., J. Yang, and F. Yao (2007), The potential of multi-spectral remote sensing techniques for mineral exploration - taking the Mongolian Oyu Tolgoi...
Cu-Au deposit as an example, Dixue Qianyuan / Earth Science Frontiers, 14(5), 63-70.

Zhang, Y., Y. Zhang, and X. Li (2007), The synthetically estimating vegetation fractional coverage of grassland using field data and ASTER remote sensing imagine, Acta Ecologica Sinica, 27(3), 964-976.


Zhao, G., L. di Girolamo (2007), Examination of direct cumulus cloud contamination on aerosol retrieval from Terra instruments over ocean, EOS Transactions, American Geophysical Union, 88(52, Suppl. Volume 1-2).


Zhao, G. (2006), Cloud observations from EOS-Terra: From conception to interpretation of cloud climatologies with a focus on small clouds, DAI, 67(07B), 117-3849.


Zhao, G., H. Xue, and F. Ling (2010), Assessment of ASTER GDEM performance by comparing with SRTM and ICESat/GLAS data in Central China, paper presented at 18th International Conference on Geoinformatics, 18-20 June, 2010, Beijing, China.


Zollinger, S., I. Machguth, C. Huggel, and A. Kaeab (2004), Glaciers seen in der Cordillera Blanca (Peru) und im Khumbu Himalaya (Nepal); Ableitung von Parametern zur Abschaetzung des Gefahrenpotentials aus ASTER-Satellitendaten. Glacial lakes in the Cordillera Blanca (Peru) and in the Khumbu Himalaya (Nepal); derivation of parameters for assessing hazard potentials using ASTER satellite data; Turbulenzen in der Geomorphologie; Jahrestagung der Schweizerischen Geomorphologischen Gesellschaft (SGmG) der SANW. Turbulence in geomorphology; annual meeting of the Swiss Society of Geomorphology of the Swiss Academy of Natural Sciences, Mitteilungen der Versuchsanstalt fuer Wasserbau, Hydrologie und Glaziologie der Eidgenoessischen Technischen Hochschule Zuerich, 184, 215-222.


Zoran, M., S. Stefan (2007), Significance of landcover biophysical parameters derived from remote sensing data for environmental studies, AIP Conference Proceedings, 899(1), 753.


