


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).


Tethys Ocean convergence region (around Turkey and Caucasus). The fiscal year of 2002.


, 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.


Abrams, M. and D. Pieri (2003), Volcanic hazards monitoring with ASTER data, paper presented at IGARSS.


Adler, J. J. (2010), Assessing supraglacial water volume and the changing dynamics of the surface topography near the Jakobshavn Glacier, Greenland, 159.

Agapiou, A., G. Papadavid, and D. G. Hadjimitsis (2009), Integration of wireless sensor network and remote sensing for monitoring and determining irrigation demand in Cyprus,


Ahn, H. J. (2008), Urban surface temperature retrieval from space through emissivity classification, DAI, 69(05B), 129-2877.


Aizen, V. B., V. A. Kuzmichenok, A. B. Surazakov, and E. M. Aizen (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. and Y. Yamaguchi (2006), Estimation of latent heat flux in forest areas by ASTER data.

Active Faults of Lijiang Basin and Its Surroundings, Yunnan Province of Northwest China, and Mechanism for Basin Genesis, *EOS Transactions, American Geophysical Union*, 87.


Akgun, A., C. Kincal, and B. Pradhan (2012), Application of remote sensing data and GIS for landslide risk assessment as an environmental threat to Izmir city (west Turkey), *Environmental Monitoring and Assessment, 184*(9), 5453-5470, doi:[http://dx.doi.org/10.1007/s10661-011-2352-8](http://dx.doi.org/10.1007/s10661-011-2352-8)


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.


Alecu, C., S. Oancea, and E. Bryant (2005), Multi-resolution analysis of MODIS and ASTER satellite data for water classification, paper presented at Remote Sensing for Environmental


Alfarhan, M. S., S. M. Arafat, and M. G. Abdelsalam (2006), Interplay of Cretaceous-Quaternary faulting and folding in the south 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.


Amer, R. M. (2011), Geoenvironmental and structural studies for developing new water resources in arid and semi-arid regions using remote sensing and GIS, 149, doi: http://adsabs.harvard.edu/abs/2011PhDT........58A.

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 and 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.


Arai Kohei and M. M. (2006), Sensor fusion by means of wavelet Multi-Resolution Analysis: MRA.


Arakawa, Y., M. Kato, T. Tachikawa, and K. Okada (2005), Terra/ASTER urgent observation of earthquake and tsunami damaged area in north Sumatra, Indonesia and data analysis by


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 Popocatepetl 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).


Arrowsmith, J. R. (2005), Testing hypotheses about geologic processes in the Colorado Plateau-Basin and Range transition zone using an integrated geospatial data system; Geological Society of America, 2005 annual meeting, Abstracts with Programs - Geological Society of America, 37(7), 204.


Arvelyna, Y. and 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. and 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. and 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.


Aung, T. T., Y. Okamura, K. Satake, W. Swe, T. L. Swe, H. Saw, and S. T. Tun (2006), Search For Paleoseismolgical Evidences Of Subduction-zone Earthquakes Along The Northwestern (Rakhine) Coast Of Myanmar, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Avouac, J. -., F. Ayoub, S. Leprince, O. Konca, and D. Helmberger (2006), Surface ruptures and rupture kinematics of the 2005, Mw 7.6 Kashmir earthquake from sub-pixel correlation of ASTER images and seismic waveforms analysis, 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.


Baba Sosuke and M. 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. (K. 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.


Barr, I. D. and C. D. Clark (2012), Late Quaternary glaciations in Far NE Russia; combining moraines, topography and chronology to assess regional and global glaciation synchrony, *Quaternary Science Reviews*, 53, 72-87, doi: http://dx.doi.org/10.1016/j.quascirev.2012.08.004.


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


Beaulieu, A. (2004), Proprietes invariantes d'echelle et anisotropes de morphologies d'erosion 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.


Beeson, P. C. (2009), Integrated hydrologic modeling in an ungauged ephemeral watershed; Rio Salado, New Mexico, doi: [https://etda.libraries.psu.edu/paper/9339/](https://etda.libraries.psu.edu/paper/9339/).


Bergmann, M., R. Hoff, and J. R. Ducati (2008), Espectrorradiometria e processamento de imagem ASTER para validacao de dados geologicos e de solos como contribuicao ao estabelecimento de terroirs na "Metade Sul" (RS, Brasil). Radiospectrometry and ASTER image processing to validate soil and geologic data for the development of terroirs 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. and 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 platforms; Proceedings of the Conference, Orlando, FL; UNITED STATES; 13-14 Apr. 1993, , Bellingham.


Bishop, M. and 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).


Bouroubi, M. Y. (2009), Logiciel de restitution des reflectances au sol pour l'amélioration de la qualité de l'information extraite des images satellites à haute résolution spatiale/Software correction of ground reflectances for improving the quality of information extracted from satellite imagery at high spatial resolution, 259, doi: http://hdl.handle.net/1866/3264; https://papyrus.bib.umontreal.ca/ispui/handle/1866/3264.


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 Reconstrucciones regionales de las 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.


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.,

Bruning, J. N., J. S. Gierke, and A. L. MacLean (2009), A digital processing and data compilation approach for using remotely sensed imagery to identify geological lineaments in


Buchroithner, M. F. and 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.


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.


Buheaosier, K. Tsuchiya, M. Kaneko, and S. J. Sung (2003), Comparison of image data acquired with AVHRR, MODIS, ETM + and ASTER over Hokkaido, Japan, Advances in Space Research, 32(11), 2211-2216.


Butler, J. J., S. W. Brown, R. D. Saunders, B. C. Johnson, S. F. Biggar, E. F. Zalewski, B. L. Markham, P. N. Gracey, J. B. Young, and R. A. Barnes (2003), Radiometric measurement comparison on the integrating sphere source used to calibrate the Moderate Resolution Imaging Spectroradiometer (MODIS) and the Landsat 7 Enhanced Thematic Mapper Plus (ETM+), *Journal of Research of the National Institute of Standards and Technology*, 108(3), 199-228.


Cabrol, N. A., A. N. Hock, M. Sunagua, and E. A. Grin (2006), Evolution of aqueous habitat and life in high-altitude lakes during rapid climate change; astrobiological methods & geo and biosignatures; Lunar and planetary science, XXXVII; papers presented to the Thirty-seventh...


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


Campion, R., M. Martinez-Cruz, T. Lecocq, C. Caudron, J. Pacheco, G. Pinardi, C. Hermans, S. Carn, and A. Bernard (2012), Space- and ground-based measurements of sulphur dioxide emissions from Turrialba Volcano (Costa Rica), *Bulletin of Volcanology*, 74(7), 1757-1770, doi: [http://dx.doi.org/10.1007/s00445-012-0631-z](http://dx.doi.org/10.1007/s00445-012-0631-z)


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].


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


Castro Godoy, S. E., I. M. Di Tommaso, G. Marin, M. Kaku, I. Kohno, C. Marquetti, and D. Azcurra (2002), Datos ASTER en el mapeo geologico y la evaluacion del potencial minero en la


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, .


Chang, Y., C. Han, H. Ren, C. Chen, K. S. Chen, and K. Fan (2004), Data fusion of hyperspectral and SAR images, Optical Engineering, 43(8), 1787-1797.

Chang, Y. and H. Ren (2005), A complete modular eigenspace feature extraction technique for hyperspectral images, paper presented at 2005 IEEE International Geoscience and Remote


Che, T., X. Li, R. Jin, and L. Wu Zong (2003), Inventory of glacial lakes and identification of glacial lake outburst floods in the Pumqu Basin, Tibet, IUGG, [location varies].
Chen, G. and 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, Y., P. T. Zhang, and P. Xu (2011), The application and research of anomaly extraction process by remote sensing in the vegetation-covered area - An example in Chengmenshan of


Chen, Z. and 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.

Cheng Jie, Xiao Qing, Li Xiao-wen, Liu Qin-huo, and Du Yong-ming (2008), Multi-layer perceptron neural network based algorithm for simultaneous retrieving temperature and


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 comparée 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 2B5, 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), Appor des donnees ASTER et d'un reseau de neurones a retropropagation a la modelisation de la degradation du sol d'un bassin marneux du Rif marocain, DAI, 67(05B), 148-2440.

Chini, M., P. J. Gonzalez, S. Stramondo, and J. Fernandez (2010), Optical satellite images for co-seismic horizontal offsets estimate and fault trace mapping using phase-corr technique,


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


Choi, J., H. Oh, H. Lee, C. Lee, and S. Lee (2012), Combining landslide susceptibility maps obtained from frequency ratio, logistic regression, and artificial neural network models using


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.


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.).


Cudahy, T. J., L. B. Whitbourn, P. M. Connor, P. Mason, and R. N. Philips (1999), Mapping surface mineralogy and scattering behavior using backscattered reflectance from a


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

Danneels, G., H. B. Havenith, F. Caceres, S. Outal, and E. Pirard (2010), Filtering of ASTER digital elevation models using mathematical morphology, in Elevation models for geoscience,


Dawes, P. R. and 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. and 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. and 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., V. Augusto, W. J. Oliveira, and T. Lammoglia (2008), Deteccao de exsudacoes de hidrocarbonetos por geobotanica e sensoriamento remoto multi-temporal; estudo de caso no Remanso do Fogo (MG): Hydrocarbon Seepage Detection through Geobotanic and Multi-temporal Remote Sensing:

de Souza Filho, C. R. and 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*(52; Suppl.).


Dempewolf, J., S. Trigg, R. S. DeFries, and S. Eby (2007), Burned-area mapping of the
serengeti-mara region using MODIS reflectance data, *IEEE Geoscience and Remote Sensing
Letters, 4*(2), 312-316.

Demyanick, E. and T. J. Wilson (2006), Landscape of a Glaciated Rift Flank: Structure of the
Transantarctic Mountains From the Royal Society Range to the Churchill Mountains, *EOS
Transactions, American Geophysical Union, 87*(52; Suppl.).

data for distributed hydrological model, *Science of Surveying and Mapping; Cehui Kexue /

Deng, X. and C. Wang (2005), A remote sensing image ground control point matching
algorithm based on dynamic template and conformal transform, *Cehui Kexue / Science of

Deng, X., C. Wang, Q. Kang, and X. Li (2006), Adaptive matching algorithm for ground control
point of remote sensing image based on corner extraction, *Yuhang Xuebao/Journal of
Astronautics, 27*(1), 45-50.

Deng, X., C. Wang, Q. Kang, and X. Li (2006), An Adaptive Matching Algorithm for Ground
Control Point of Remote Sensing Image Based on Corner Extraction, *Journal of Chinese
Society of Astronautics, 27*(1), 45-88.

Deng, Y., F. Fan, and R. Chen (2012), Extraction and Analysis of Impervious Surfaces Based
on a Spectral Un-Mixing Method Using Pearl River Delta of China Landsat TM/ETM plus
Imagery from 1998 to 2008, *Sensors, 12*(2), 1846-1862, 
DOI: [http://dx.doi.org/10.3390/s120201846](http://dx.doi.org/10.3390/s120201846)

Monitoring Tamarisk Defoliation and Scaling Evapotranspiration Using Remote Sensing Data,
*AGU Fall Meeting Abstracts, 43*, 0443.


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.


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.).


Diaz-Castellon, R., B. E. Hubbard, G. Carrasco-Nunez, and J. L. Rodriguez-Vargas (2012), The origins of late Quaternary debris avalanche and debris flow deposits from Cofre de Perote Volcano, Mexico, Geosphere, 8(4), 950-971, doi: http://dx.doi.org/10.1130/GES00709.1.


Djepa, V. and 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], .


Du1, P., H. Zhang1, P. Liu1, K. Tan1, and Z. Yin1 (2007), Land use/cover change in mining areas using multi-source remotely sensed imagery, paper presented at Proceedings of


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.).


Eckmann, T. C. (2009), Measuring subpixel fire properties to improve global monitoring and understanding of fires, 149.


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.


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,

El-Nagdy, S. and M. G. Abdelsalam (2005), Hyper-spectral analysis of the Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) data; examples from the
Neoproterozoic Um Nar banded iron formation, Egypt; Geological Society of America, South-Central Section, 39th annual meeting, Abstracts with Programs - Geological Society of America, 37(3), 7.


Estes, L. D. (2008), Using remote sensing and distribution modeling to determine the habitat selection and distribution of the rare mountain bongo antelope Tragelaphus eurycerus isaaci, 166.


Evans, S. G., N. J. Roberts, and R. H. Guthrie (2006), Use of remote sensing data in the rapid characterization 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,


Observation and Water Cycle Science, European Space Agency, Noordwijk, 2200 AG, Netherlands, Frascati, Italy.


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.


Franklin, J. (2008), Spectral Mixture Analysis of Aster Images to Estimate Forest Biomass and Habitat, 8.


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


Funahashi Manabu, Setojima Masahiro, Okazaki Ryota, I. Y. , and K. Yamamoto (2003), Examination about grasp of the tree height of urban forests by ASTER 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 ASTER 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. and A. Raef (2012), Factor analysis approach for composited ASTER band ratios and wavelet transform pixel-level image fusion: Lithological mapping of the Neoproterozoic Wadi


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.).


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


Gebreslasie, M. T., F. B. Ahmed, and J. A. N. van Aardt (2008), Estimating plot-level forest structural attributes using high spectral resolution ASTER satellite data in even-aged


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.

Gersman, R., E. Ben-Dor, M. Beyths, D. Avigad, M. Abraha, and A. Kibreab (2008), Mapping of hydrothermally altered rocks by the EO-1 hypersion sensor, northern Danakil Depression, Eritrea, *Int. J. Remote Sens.*, 29(13-14), 3911-3936, doi: [http://dx.doi.org/10.1080/01431160701874587](http://dx.doi.org/10.1080/01431160701874587)


Ghorefat, H. A. (2004), Hyperspectral and multispectral studies of evaporite minerals at White Sands, New Mexico, DAI, 65(03B), 384-1490.


Gillies (2000), Extension of Atlanta/Houston urban heat island studies using aster imagery,. 


Glasser, N. F., T. A. Scambos, J. Bohlander, M. Truffer, E. Pettit, and B. J. Davies (2011), From ice-shelf tributary to tidewater glacier: continued rapid recession, acceleration and thinning of Rohss Glacier following the 1995 collapse of the Prince Gustav Ice Shelf, Antarctic Peninsula, *J. Glaciol.*, 57(203), 397-406.


Gomez, C., P. Allemand, C. Delacourt, and P. Ledru (2005), Utilisation combinee de donnees de teledetection multi source; quel potentiel en cartographie geologique?. Utilization of teledoction from multi-sources; what is the potential in geologic mapping? *Documents de l'Institut Scientifique*, 20, 12.

Gomez, C., C. Delacourt, P. Allemand, and P. Ledru (2004), Potentials and limitations of coupling ASTER and airborne geophysical data for improvement of geological mapping in arid
region (Namibia, Rehoboth region), paper presented at Remote Sensing for Environmental Monitoring, GIS Applications, and Geology III; Barcelona, Spain; Sep. 9-11, 2003, .


Goto, T., H. Hasegawa, and K. Matsumoto (2008), The Database of the Ancient Sites in Mesopotamia based on Geospatial Information Data: The Case Study of Babil, IRAQ, paper


Grunsky, E. (2003), Two papers on the use of hyperspectral airborne-satellite imagery in mineral exploration, SEG Newsletter, 55, 24-25.


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. Chakraborty, 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. and K. Themistocleous (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. and 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. and 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.


Hamilton, G. (2003), Antarctic Glaciology Using High-Resolution ASTER Satellite Imagery,. 160


Hannon, E., D. A. Kepert, D. Clark, and Australasian Institute of Mining and Metallurgy, Carlton, Victoria, (AUS) (2005), From target generation to two billion tonnes in 18 months; the re-invention of the Chichester Range, paper presented at Iron ore 2005 conference,


Hardgrove, C., S. C. Whisner, and J. E. Moersch (2008), Thermophysical patterns in terrestrial alluvial fans for application to the study of Martian sedimentary features, LPI Contribution, 1391, @Abstract 1226.


Hardin, D. M., S. Graves, T. Sever, and D. Irwin (2006), Implementing GEOSS Goals in Mesoamerica through the SERVIR Project, EOS Transactions, American Geophysical Union, 87(36), 810.

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.


Harrower, M. J., J. McCorriston, and E. A. Oches (2002), Geoarchaeology and the first farmers of southern Arabia; recent applications of Landsat and ASTER satellite imagery for survey and
analysis; Geological Society of America, 2002 annual meeting, Abstracts with Programs - Geological Society of America, 34(6), 380.


166


Haug, 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.


Hawk, S. (2004), GIS Internet sites and the American Society of Photogrammetry; Geological Society of America, North-Central Section, 38th annual meeting; 2004 abstracts with programs, Abstracts with Programs - Geological Society of America, 36(3), 7.


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.


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).


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.


Symposium, IGARSS, , Institute of Electrical and Electronics Engineers Inc., Piscataway, NJ 08855-1331, United States.


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 (2013), Combined use of ASTER and ALI data for hydrothermal alteration mapping in the northwestern part of the Kerman magmatic arc, Iran, *Int. J. Remote Sens., 34*(6), 2023-2046, doi: [http://dx.doi.org/10.1080/01431161.2012.731540](http://dx.doi.org/10.1080/01431161.2012.731540)


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


Hossain, M. S., S. R. Chowdhury, N. G. Das, S. M. Sharifuzzaman, 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.

Hossain, M. S. and N. G. Das (2010), GIS-based multi-criteria evaluation to land suitability modelling for giant prawn (Macrobrachium rosenbergii) farming in Companigonj Upazila of


Hosseinjanizadeh, M. and M. H. Tangestani (2012), Sub-pixel mapping of the alteration minerals using ASTER data, a case study from the central part of Dehaj-Sarduiyeh copper belt, SE Kerman, Iran, paper presented at 2012 IEEE International Geoscience and Remote Sensing Symposium (IGARSS), 22-27 July 2012, Munich, Germany, .


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.


national conference on USGS health-related research, Reston, VA, United States, Feb. 27-March 1, 2007

Abstract only, U. S. Geological Survey, Reston, VA, United States (USA), Reston, VA.


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.).


Hughes, C. G. and M. S. Ramsey (2008), Initial Results of Super-Resolving THEMIS Data, *LPI Contribution*, 1391, 2530.


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).


Hui, F., Q. Tian, and Y. Li (2004), Production and Accuracy Assessment of DEM from ASTER Stereo Image Data, *Remote Sensing Information, 0*(1), 14-18.


Huss, M., R. Stroeckil, 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. and 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.


Ibrahim, A. T. (2009), Use of MERIS data to detect the impact of flood inundation on land cover changes in the Lake Chad Basin, 154.


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


Ishii, Y. (1991), Global remote sensing programs in Japan - Special emphasis on earth resources, paper presented at IGARSS '91; Proceedings of the 11th Annual International


ISHIMARU, N. and 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. and 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.


Iwashita, Y., E. K. Dean, and J. C. Dozier (2006), Research on construction of resources recycling type society which applies biotechnology Research group on elucidation of phenomena and improvement of the organic and inorganic factor in the infrastructure facilities which follows the resources recycling type society Spectral characteristic evaluation of polluted water lump according to ASTER L1b data. *Nihon Daigaku Daigakuin Seisan Kogaku Kenkyuka Seimei Kogaku, Risachi, Senta Heisei 17 Nendo Kenkyu Hokokusho Seimei Kogaku o Oyo shita Shigen Junkangata Shakai no Kochiku ni kansuru Kenkyu*, PAGE.45-48.


Jacobs, C. S. and 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.


Jean-Paul, D., D. Mo, H. Louis, B. Ludovic, G. Agnes, L. Marc, W. Zhijun, L. Chuang, M. Long, and C. Wengbo (2005), Using ERS and envisat data to study the glacier changes in Tibet, the
Nyainqentanglha example (ESA project no 2401), paper presented at 2004 Envisat and ERS Symposium, Sep 6-10 2004, European Space Agency, Noordwijk, 2200 AG, Netherlands.


Jian, J. and Z. Qing (2006), Extraction of Vegetation Information Based on the ASTER Remote Sensing Imageâ€”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.


Learning From Earth’s Shapes and Colours, Jul 21-25 2003, Institute of Electrical and Electronics Engineers Inc.


Jones, B. K., R. R. Risty, and M. Buswell (2003), Web-based data delivery services in support of disaster-relief applications, paper presented at Technologies, Systems, and Architectures for Transnational Defense II; Orlando, FL; Apr. 23, 2003,


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


213


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


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


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


Kampf, S. K. (2002), Evaporation and land surface energy budget at the Salar de Atacama, northern Chile, MAI, 41(03), 130-749.


Kang, L., Y. Shu, Y. Lei, and L. Zheng (2006), Mapping fruit tree planting area and estimating water consummation from Modis satellite data: a case study in Hebei Plain, China, *EOS Transactions, American Geophysical Union, 87*.


KANNO, H. and A. IWASAKI (2009), Comparison of ASTER TOA Radiance with MODIS, 
TRANSACTIONS OF THE JAPAN SOCIETY FOR AERONAUTICAL AND SPACE SCIENCES, SPACE 
TECHNOLOGY JAPAN, 7(ists26), Pn_1-Pn_5, doi: http://dx.doi.org/10.2322/tstj.7.Pn_1

ASTER data.

Kant, Y., B. D. Bharath, J. Mallick, C. Atzberger, and N. Kerle (2009), Satellite-based Analysis 
of the Role of Land Use/Land Cover and Vegetation Density on Surface Temperature Regime of 
Delhi, India, Journal of the Indian Society of Remote Sensing, 37(2), 201-214, 

Kargel, J. S. and B. Molnia (2003), ASTER Imagery And Interpretation Of Glaciers In Jasper 
National Park And Elsewhere In The Cordillera, LPI Contribution, 1184, 8127.pdf.

Kargel, J. S. (2005), Global Land Ice Measurements Form Space (GLIMS) Core Functions: 
International Organization, Aster Glacier Image Data Management, and Glacier 
Hazard/Emergency Response, 0.

and R. Wessels (2005), Multispectral imaging contributions to global land ice measurements 


Karimi, N., A. Farokhnia, S. Shishangosht, M. Elmi, M. Eftekhari, and H. Ghalkhani (2012), 
Elevation changes of Alamkouh glacier in Iran since 1955, based on remote sensing data, Int. 


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

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

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


Katsiabani, K., N. Adaktilou, 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.


Kawai, M., Setojima, Masahiro, Funahashi, Manabu, Div. 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., M. L. Suzen, I. Kuscu, V. Toprak, and F. Zortul (2005), Uzaktan algılama yöntemleriyle kuzeybatı Anadolu'da alterasyon minerallerinin haritalanması ve alterasyonları kontrol eden yapısal etmenler--Maping alteration minerals in western Turkey by remote sensing and structural features that control these alterations, Turkiye Jeoloji Kurultayi Bildiri Ozleri = Abstract of the Geological Congress of Turkey, 58, 204-205.


Extreme Events. Understanding Perturbations to the Physical and Biological Environment. American Association for the Advancement of Science.

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.


Kernich, A. L. and C. Pain (2003), Geomorphology mapping for NRM issues, southeastern Queensland, paper presented at Advances in regolith; proceedings of the CRC LEME regional


Khalsa, S. J. S., M. B. Dyurgerov, T. Khromova, B. H. Raup, and R. G. Barry (2004), Space-based mapping of glacier changes using ASTER and GIS tools; Special issue on the 2003 international geoscience and remote sensing symposium (IGARSS'03); Learning from Earth's


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).

Khromova, T., V. Kotlyakov, and G. (. Nosenko Gennadiy) (2007), Results of ASTER and LANDSAT imagery application to the glaciated regions of Russia in the frame or GLIMS project, 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).


Kilby, W. E. and 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.


Kincaid, C., A. Singleton, P. Liu, Z. Li, J. Drummond, T. Hoey, J. Muller, W. Qu, Q. Zeng, J. Zhang, and P. Du (2010), Mass movement susceptibility mapping using satellite optical imagery compared with InSar monitoring: Zigui County, Three Gorges region, China, paper presented at 2010 Dragon 2 Mid Term Results Symposium, May 17, 2010 - May 21, , European Space Agency, Guilin City, China.


Kobayashi, H. (2003), Examination of geometric correction about ASTER, IKONOS and Quick Bird images, paper presented at 114th The Japanese Forestry Society Congress Database.


KOBAYASHI, Y. and Y. YASUOKA (2008), Evaluation of Economic Effect of Evergreen Forest and Deciduous Forest in the South Western Area of Tokyo, paper presented at JILA Annual Scientific Research Meeting, .


KOBAYASHI, Y., Y. YASUOKA, and H. SAWADA (2009), Evaluation of Externality of Parks, Grounds etc. and Forest in the South Western Area of Tokyo, paper presented at JILA Annual Scientific Research Meeting, , Japanese Institute of Landscape Architecture.

Koboltschig, G., H. Holzmann, W. Schoener, and M. Zappa (2006), Potential of a water balance model with high temporal resolution for the distributed modelling of ice- and snowmelt processes at high elevated sites; Proceedings of the 63rd annual eastern snow conference,
paper presented at 63rd eastern snow conference, Newark, DE, United States, June 7-9, 2006.


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


Kopackova, V., S. Shevrel, A. Bourguignon, and M. Rajchl (2008), Spectral mineral mapping utilizing high altitude and ground-based spectroradiometry; case studies from Sokolov open-pit mine, Czech Republic, and Sechura desert, Peru, *International Geological Congress, Abstracts = Congres Geologique International, Resumes, 33, @Abstract 1343337.*


Kratt, C. B. (2005), Geothermal exploration with remote sensing from 0.45--2.5 mum over Brady-Desert Peak, Churchill County, Nevada, MAI, 44(01), 110-282.


Kraus, C. (2006), Generacion de mapa geologico detallado de peninsula Antartica con metodos de sensores remotos. Detailed geological mapping of the Antarctic Peninsula using remote sensing methods, paper presented at II simposio latinoamericano de investigaciones antarticas; 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.

Kristensen, L. and D. I. Benn (2012), A surge of the glaciers Skobreen-Paulabreen, Svalbard, observed by time-lapse photographs and remote sensing data, Polar Res., 31, 11106, doi: http://dx.doi.org/10.3402/polar.v31i0.11106


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).


Kruse, F. A. and E. (. LeDrew (2002), Combined SWIR and LWIR mineral mapping using MASTER/ASTER, paper presented at Remote sensing; integrating our view of the planet; International Geoscience and Remote Sensing Symposium (IGARSS); 24th Canadian symposium on Remote sensing, Toronto, ON, Canada, June 24-28, 2002, , Institute of Electrical and Electronics Engineers, New York, NY, United States (USA), Toronto, Canada.


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.


Kuria, Z. N., T. Woldai, F. D. van der Meer, and J. O. Barongo (2010), Active fault segments as potential earthquake sources; inferences from integrated geophysical mapping of the


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


Kyer, J. A. (2010), An investigation of the environmental changes in the Goksu Valley, Turkey in antiquity, 68.


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.).


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


Lang, H. R., R. Welch, Y. Miyazaki, B. Bailey, and G. Kelly (1996), The ASTER along-track stereo experiment - A potential source of global DEM data in the late 1990's, paper presented
at Infrared spaceborne remote sensing IV; Proceedings of the Conference, Denver, CO; UNITED STATES; 6-7 Aug. 1996, , Society of Photo-Optical Instrumentation Engineers.

Lang, N. P. and 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.


Lanorte, A., F. De Santis, A. Aromando, and R. Lasaponara (2012), Low cost pre-operative fire monitoring from fire danger to severity estimation based on satellite MODIS, Landsat and ASTER data: The experience of FIRE-SAT project in the Basilicata Region (Italy), paper presented at 12th International Conference on Computational Science and Its Applications, ICCSA 2012, June 18, 2012 - June 21, 2012, Salvador de Bahia, Brazil, , Springer Verlag.


Le Gall, B., M. A. Daoud, J. Rolet, and N. M. Egueh (2011), Large-scale flexuring and antithetic extensional faulting along a nascent plate boundary in the SE Afar Rift, Terra Nova, 23(6), 416-420, doi: http://dx.doi.org/10.1111/j.1365-3121.2011.01029.x

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.).


Li Tianyu, Lv Guonian, and Wen Yongning (2012), Application of land surface temperature inversion based on emissivity mixture analysis at sub-pixel scale in geothermal exploration, paper presented at 2012 Second International Workshop on Earth Observation and Remote Sensing Applications (EORSA), 8-11 June 2012, Shanghai, China, IEEE.


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


Li, H., X. Huang, Q. Deng, T. M. Kusky, and X. Cai (2012), Mapping of Planation Surfaces in the Southwest Region of Hubei Province, China-Using the DEM-Derived Painted Relief Model, *J. Earth Sci.*, 23(5), 719-730, doi: [http://dx.doi.org/10.1007/s12583-012-0290-1](http://dx.doi.org/10.1007/s12583-012-0290-1)


Li, Q., I. Sato, and Y. Murakami (2008), Steerable filter based multiscale registration method for JERS-1 SAR and ASTER images, paper presented at 2007 IEEE International Geoscience


Li, X. and D. E. Wickland (1998), Geometric-Optical Modeling of Directional Thermal Radiance for Improvement of Land Surface Temperature Retrievals from MODIS, ASTER,.


Liang, B. (2008), Assessing urban environmental quality at multiple spatial and temporal scales using remote sensing, GIS, and geospatial algorithms, 273.


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., L. Xu, J. Ding, B. Zhuoma, X. Deng, and Z. Liu (2010), Atmospheric correction and land surface temperature retrieval method for FY-3 IR observations, paper presented at 2010


River using ASTER imagery, paper presented at 2003 IEEE international geoscience and remote sensing symposium, Toulouse, France, July 21-25, 2003; Learning from Earth’s shapes and sizes, , Institute of Electrical and Electronics Engineers, New York, NY, United States (USA), Toulouse, France.


Livo, K. E. and 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.


Lu, Y., C. Hua, X. Yang, and Y. Wei (2008), Quantitative analysis of urban thermal environmental effect based on ASTER data, *Geomatics and Information Science of Wuhan University, 33*(3), 297-301.


Ma, W. and Y. Ma (2010), Estimating surface fluxes over the north Tibetan Plateau area with ASTER imagery, paper presented at 2010 Dragon 2 Mid Term Results Symposium, , European Space Agency, Guilin City, China.

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.


Magee, K. S. (2011), Segmentation, object-oriented applications for remote sensing land cover and land use classification, 130.


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


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. and 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).


Maruyama, Y., F. Yamazaki, S. Matsuzaki, H. Miura, and M. Estrada (2012), Evaluation of Building Damage and Tsunami Inundation Based on Satellite Images and GIS Data Following
the 2010 Chile Earthquake, *Earthquake Spectra*, 28, S165-S178, doi: [http://dx.doi.org/10.1193/1.4000023](http://dx.doi.org/10.1193/1.4000023)


290


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


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

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


Matsunaga, T. and 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.).


Matthews, J. P., X. D. Yang, J. Shen, and T. Awaji (2008), Structured Sun glitter recorded in an ASTER along-track stereo image of Nam Co Lake (Tibet): An interpretation based on
supercritical flow over a lake floor depression, *Journal of Geophysical Research-Oceans, 113*(C1), C01019-C01019.


Mayer, H. and U. C. Herzfeld (2006), Jakobshavns Isbrae, West Greenland: Structural Evolution During Transition from Stable Fast Flow to Rapid Retreat, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


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., 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. and 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.


Merlin, O., B. Duchemin, O. Hagolle, F. Jacob, B. Coudert, G. Chehbouni, G. Dedieu, J. Garatuza, and Y. Kerr (2010), Disaggregation of MODIS surface temperature over an


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


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, 
[http://digitalarchive.gsu.edu/cgi/viewcontent.cgi?article=1000&context=geosciences_diss](http://digitalarchive.gsu.edu/cgi/viewcontent.cgi?article=1000&context=geosciences_diss)


Moersch, J. E., J. Farmer, A. Baldridge, A. D. Howard, J. Moore, J. Rice, and Lunar and Planetary Institute, Houston, TX,United States (USA) (2001), Remote sensing of evaporite
minerals in Badwater Basin, Death Valley, at varying spatial scales and in different spectral regions [Mars analogs], *LPI Contribution, 1101*, 45-46.


Moghtaderi, 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, Bafq region, Central Iran, *Journal of Asian Earth Sciences, 30*(2), 238-252.


Moon, W. M. and J. Won (2002), Polarimetric 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 thermoradiometer of the environmental temperature measurement.


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.


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


Nakayama, D., K. Sakamoto, and H. Matsuyama (2009), New topographic correction method of satellite image in the season of low solar elevation, Programme with Abstracts - International Geomorphology Conference, 7, @Abstract no. 450.


Nan, P., Q. Qin, and Y. Yao (2009), Land surface temperature anomalies and monitoring through thermal remote sensing: a case of coal bed methane area at Jiaozuo, Henan Province, *Beijing Daxue Xuebao (Ziran Kexue Ban)/Acta Scientiarum Naturalium Universitatis Pekinensis, 45*(1), 137-143.


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.


Newcomer, M. E., J. E. Bird, S. M. Sabatine, G. C. Sady, A. M. Stalzer, T. A. Wheeler, C. Schmidt, and J. W. Skiles (2010), Utilizing nasa satellite missions to identify bark beetle...


Nguyen, C. (2012), Statistical and visual analysis of the cross talk correction and the ECW compression effects on feature extraction of ASTER data, 146.

Nguyen, H. Q., B. H. P. Maathuis, and T. H. M. Rientjes (2009), Catchment storm runoff modelling using the geomorphologic instantaneous unit hydrograph, Geocarto Int., 24(5), 357-375, doi:[http://dx.doi.org/10.1080/10106040802677011](http://dx.doi.org/10.1080/10106040802677011)

Ni, W., Z. Guo, G. Sun, and H. Chi (2010), Investigation of forest height retrieval using SRTM-DEM and ASTER-GDEM, 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.


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 Yoshiki, T. Y. , Fu B, and M. K. (1998), A basic research for a lithologic mapping using ASTER TIR data in Tibetan area.


Ninomiya, Y. and B. Fu (2006), Lithologic Mapping System for Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) Data, *EOS Transactions, American Geophysical Union, 87* (52; Suppl.).


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


Ninomiya, Y. and B. Fu (2004), A new lithologic mapping with ASTER thermal infrared radiance at the sensor data; Italia 2004; 32nd international geological congress; abstracts,

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. 4-14, 1996, , International Geological Congress, [location varies], International (III).


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.


Nossenko, G. and D. G. Tzvetkov (2003), Assessment of glaciers change on Polar Urals from ASTER imagery; 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).


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


Numata, Y., K. Saito, Y. Yamano, Y. Yasuoka, and M. Kaku (1995), Ground Based Observation of Vegetation Coverage, LAI and APAR to Develop New Vegetation Indices Algorithm for


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.

Olaya, W., E. Espinola, S. Yepez, and F. (. 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.


Oppenheimer, C. and 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 and O. S. (2006), Monitoring a volcanic plume at Miyake Island with satellite data.


Osipov, E. Y. (2007), GIS reconstruction of LGM glaciation and climate in Lake Baikal watershed,


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,


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.


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.


Pena, S. A. (2005), Geological remote sensing in southern Tunisia for oil and gas exploration,


Pequignot, E., A. Chedin, and N. A. Scott (2008), Infrared continental surface emissivity spectra retrieved from AIRS hyperspectral sensor, *Journal of Applied Meteorology and Climatology, 47*(6), 1619-1633.

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).


Remote sensing geobotany and airborne gamma-ray data applied to geological mapping of the Amazon: a comparative study in the Guaporé Valley (Mato Grosso State, Brazil),
Revista Brasileira de Geociencias, 38(1), 153-166,


Philp, A. (2003), The geography of change along the Lewis and Clark trail; utilizing distributed geospatial systems as a means of understanding; Geological Society of America, 2003 annual meeting, Abstracts with Programs - Geological Society of America, 35(6), 606.


Piatek, J. L. (2009), Thermophysical properties of terrestrial rock and debris-covered glaciers as analogs for Martian lobate debris aprons, LPI Contribution, 1468, 2127.


Pieri, D., T. Gubbels, G. Hufford, P. Olsson, and V. Realmuto (2006), Assessing Mesoscale Volcanic Aviation Hazards using ASTER, EOS Transactions, American Geophysical Union, 87(52; Suppl.).


Pieri, D., M. Abrams, A. Abtahi, M. F. Buongiorno, G. Holland, G. Hufford, G. M. Saggiani, and J. Simpson (2005), In-Situ Observations of Volcanic Plumes for Applications and Research,


Pieri, D., M. Abrams, P. Ko, and H. Tan (2007), The ASTER volcano archive a global perspective, paper presented at Earth; our changing planet; proceedings of IUGG XXIV general assembly, Perugia, ITA, Italy, July 2-13, 2007, , IUGG, [location varies],..


Pourghasemi, H. R., M. Mohammady, and B. Pradhan (2012), Landslide susceptibility mapping using index of entropy and conditional probability models in GIS: Safarood Basin, Iran, *Catena, 97*, 71-84, doi: [http://dx.doi.org/10.1016/j.catena.2012.05.005](http://dx.doi.org/10.1016/j.catena.2012.05.005).


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.).


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.).


Racoviteanu, A. (2011), Himalayan glaciers: Combining remote sensing, field techniques and indigenous knowledge to understand spatio-temporal patterns of glacier changes and their impact on water resources, 273.

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.


Ramos, Y. (2009), Etude du potentiel des donnees satellitaires pour la cartographie geologique/Study of the potential of satellite data for geological mapping, 68.


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. and 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. and 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. and 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.).


Rankin, A. J. and T. K. P. Gregg (2012), Predicted ash hazards from potential eruptions at Nevado Sabancaya, Peru; HYSPLIT and remote sensing, Abstracts with Programs - Geological Society of America, 44(5), 74.


Rassineux, B. and T. Labbe (1995), Stress field determination in an alloy 600 stress corrosion crack specimen (Determination du champ de contraintes dans une eprouvette de corrosion sous contrainte de l'alliage 600), *NASA no. 19980000938; EDF-96-NB-00114; DE97-611973.*


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


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).


Reiche, M., R. Funk, Z. Zhang, C. Hoffmann, J. Reiche, M. Wehrhan, Y. Li, and M. Sommer (2012), Application of satellite remote sensing for mapping wind erosion risk and dust
emission-deposition in Inner Mongolia grassland, China, *Grassl. Sci.*, 58(1), 8-19,

Reif, D., B. Grasemann, and R. H. Faber (2011), Quantitative structural analysis using remote sensing data; Kurdistan, northeast Iraq, *AAPG Bull.*, 95(6), 941-956,
doi:10.1306/11151010112.

doi:10.1080/0143116031000082406.


Reiss, D. and 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. and 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. and 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, 99*, 7-21.


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. and 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*(6), 39.


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).


vegetation/forest contrasts, Geomorphology, 177-178, 74-92,
doi: http://dx.doi.org/10.1016/j.geomorph.2012.07.015


Rossi, A. (2002), Possible dust devils tracks detected in Tenere' Desert (Nigeria) - An analogue to Mars, LPI Contribution, 1109, 1307.

Rossi, A. P. (2002), Seven Possible New Impact Structures in Western Africa Detected on ASTER Imagery, LPI Contribution, 1109.


Roush, T. L. (2009), Estimated optical constants of magnesite (MgCO (sub 3)), LPI Contribution, 1468, 1080.


Roy, C. (2009), Cartographie vegetale du col de la vallee de Sverdrup, ile d'Ellesmere, avex le NDVI MODIS et analyses des changements d'echelles/Vegetation mapping of the Sverdrup Valley pass using NDVI MODIS and analyzed with changing scales, 175.


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.


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


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


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


Santini, M., S. Grimaldi, F. Nardi, A. Petroselli, and M. C. Rulli (2009), Pre-processing algorithms and landslide modelling on remotely sensed DEMs, Geomorphology, 113(1-2), 110-125, doi:10.1016/j.geomorph.2009.03.023.


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


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


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


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


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

Schmugge, T. and 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.


Symposium Earth Observation and Water Cycle Science, , European Space Agency, Noordwijk, 2200 AG, Netherlands, Frascati, Italy.


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.


International Symposium on GlobWetland: Looking at Wetlands from Space, European Space Agency, Noordwijk, 2200 AG, Netherlands, Frascati, Rome, Italy.

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. and C. R. Souza Filho (2008), Spectro-mineralogical characterization of Brazilian agalmatolites using reflectance spectroscopy and ASTER imagery analysis, paper presented at


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


Shahgedanova, M., G. Nosenko, T. Khromova, and A. Muraveyev (2010), Glacier shrinkage and climatic change in the Russian Altai from the mid-20th century: An assessment using


Shayestehfar, M. R., H. Ranjbar, and O. Ahmadi (2005), Alteration mapping by using ETM+ and ASTER data in Dehaj area, southeast of Iran, paper presented at Remote Sensing for
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.


Shimazaki Hiroto, 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. Olsenholle, 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.


Siart, C., O. Bubenzer, and B. Eitel (2009), Combining digital elevation data (SRTM/ASTER), high resolution satellite imagery (Quickbird) and GIS for geomorphological mapping: A multi-component case study on Mediterranean karst in Central Crete, Geomorphology, 112(1-2), 106-121, doi:10.1016/j.geomorph.2009.05.010.

Sidle, R. C., T. Furuichi, and Y. Kono (2011), Unprecedented rates of landslide and surface erosion along a newly constructed road in Yunnan, China, *Nat. Hazards*, 57(2), 313-326, doi: [http://dx.doi.org/10.1007/s11069-010-9614-6](http://dx.doi.org/10.1007/s11069-010-9614-6)


Sinding-Larsen, R., B. Saether, and T. Rousselin (2008), Meteosat low resolution data processing for quality control and correction of middle resolution data in geological mapping,


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.

Smailbegovic, A. and K. T. Gray (2010), Regional geophysical investigation of geothermal area in Golconda, Nevada: Discussion on the public-domain geophysical/geospatial datasets, paper


Smailbegovic, A. and J. V. Taranik (2001), Mineralization in Aurora, NV and Bodie, CA observed with aerospace geophysical data; Geological Society of America, 2001 annual meeting, Abstracts with Programs - Geological Society of America, 33(6), 347.

Smekens, J. F., P. R. Christensen, and Anonymous (2011), The effect of weathering and outcrop variability on thermal infrared multispectral remote sensing data; a comparative study in Gila Bend, AZ, LPI Contribution, 1608, @2743, doi: http://www.lpi.usra.edu/meetings/lpsc2011/pdf/2743.pdf.


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


Soe Myint, T. I., and T. A. Kyaw (2005), Application of Remote Sensing Techniques on Iron Oxide Detection from ASTER and Landsat Images of Tanintharyi Coastal Area, Myanmar,


Spruce, J. P., J. Smoot, and W. Graham (2009), Developing new coastal forest restoration products based on Landsat, ASTER, and MODIS data, paper presented at OCEANS 2009,
Spruce, J. (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. and 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.

Srivastava, P. K., T. J. Majumdar, and A. K. Bhattacharya (2009), Surface temperature estimation in Singhbhum Shear Zone of India using Landsat-7 ETM+ thermal infrared data, Advances in Space Research, 43(10), 1563-1574.
Srivastava, P. K., T. J. Majumdar, and A. K. Bhattacharya (2010), Study of land surface
temperature and spectral emissivity using multi-sensor satellite data, *Journal of Earth System
Science, 119*(1), 67-74.

generated from ASTER and SRTM data: A case study of flat alluvium terrain of Bakreshwar-
Dubrajpur (W.B.), India, paper presented at 2012 1st International Conference on Recent
Advances in Information Technology, RAIT-2012, March 15, 2012 - March 17, 2012, Dhanbad,
India, , IEEE Computer Society.


Stamoulis, V. (2009), Tenement evaluation for uranium potential through the application of
remote sensing techniques and landscape evolution studies; *Publication Series - Australasian

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

Stamoulis, V. (2006), ASTER night-time thermal infrared data; interpreting subsurface

Stamoulis, V. and P. Rogers (2003), Geological mapping for mineral exploration using ASTER

Stancalie, G., V. Craciunescu, C. Fleraru, and S. Catana (2007), Contribution of Earth
Observation data to flood risk mapping,

Stanichny, S., V. Burduygov, R. Stanichnaya, and D. Soloviev (2007), Satellite monitoring of
the processes in the Aral and Caspian Seas,


Stearns, L. and G. Hamilton (2005), ASTER imagery of Antarctica; geographic coverage, data availability and glaciological applications, paper presented at WAIS; the West Antarctic ice sheet initiative; Twelfth annual workshop, Sterling, VA, Sept. 28-Oct. 1, 2005, , NASA [varies].

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.


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


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 SIRG 2010; Snow and Ice Group (NZ) annual workshop; programme and abstract book, , Snow and Ice Research Group, New Zealand (NZL).


Sultana, D. N. and 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. and 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.


Sun, Z., Q. Wang, B. Matsushita, T. Fukushima, Zhu Ouyang, and M. Watanabe (2008), A New Method to Define the VI-Ts Diagram Using Subpixel Vegetation and Soil Information: A Case


Surazakov, A. B., V. B. Aizen, E. M. Aizen, S. A. Nikitin, and J. K. Narojniy (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.).

Surazakov, A. (2008), Application of remote sensing and GIS in glacier monitoring: Glacier variability in Central Asia (Tien Shan and Altai) during the last 30--60 years, 126.


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.).


Swayze, G. A. and R. N. Clark (1995), Spectral identification of minerals using imaging spectrometry data: Evaluating the effects of signal to noise and spectral resolution using the


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


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


Takeda, R. and W. Takeuchi (2011), Utility of wavelet and regression analysis with land cover map for DTM extraction from ASTER GDEM, paper presented at 32nd Asian Conference on


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

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


Takeuchi Wataru and 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. and 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.


Tantianuparp, P., T. Balz, Teng Wang, Houjun Jiang, Lu Zhang, and Mingsheng Liao (2012), Analyzing the topographic influence for the PS-INSAR processing in the Three Gorges region,


Taranik, J. V. and 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.


http://dx.doi.org/10.5721/ItJRS20124418


http://dx.doi.org/10.1016/j.cageo.2011.04.018


Teiltet, P. M., G. Fedosejevs, and K. J. Thome (2004), Spectral band difference effects on radiometric cross-calibration between multiple satellite sensors in the Landsat solar-reflective spectral domain, paper presented at Sensors, Systems, and Next-Generation Satellites VIII,


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


Thome, K. J. and 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.


Tkacik, D. S., Y. Luna-Cruz, N. Clinton, S. Spak, and J. Ryan (2012), Atmospheric correction for MASTER image data using localized modelled and observed meteorology and trace gases,

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


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


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

Tsuchiya, K. and 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, .


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


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


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


Urai, M. (2005), Geolocation accuracy of nighttime ASTER imagery.


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


Van Trung, N., J. Choi, and J. Won (2010), Fusion of ALOS PALSAR and ASTER data for landcover classification at Tonle Sap floodplain, paper presented at Remote Sensing of the
Coastal Ocean, Land, and Atmosphere Environment, October 13, 2010 - October 14, , SPIE, Incheon, Korea, Republic of.


Vanacor, R. N. and S. B. A. Rolim (2008), Mapeamento de areas susceptiveis a movimentos de massa através de tecnica estatistica bivariada em base GIS na porcao nordeste da serra gaucha, RS. Mapping areas vulnerable to mass movements, utilizing GIS-based bivariate statistical analysis in northeastern Rio Grande do Sul, paper presented at Sociedade Brasileira
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.


Vazifedoust, M., J. C. Van Dam, R. A. Feddes, and W. G. M. Bastiaanssen (2007), Disaggregation of remote sensing evapotranspiration data: from low to high spatial resolution,.


Veraverbeke, S., S. J. Hook, and S. Harris (2012), Synergy of VSWIR (0.4-2.5 μm) and MTIR (3.5-12.5 μm) data for post-fire assessments, Remote Sens. Environ., 124, 771-779, doi: http://dx.doi.org/10.1016/j.rse.2012.06.028


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, C. and B. Toxopeus (2009), Mapping dynamics of waterbirds habitat in relation to water level changes in a mediterranean shallow lake using multi-temporal remote sensing, paper
presented at 30th Asian Conference on Remote Sensing 2009, ACRS 2009, October 18, 2009 -
October 23, , Asian Association on Remote Sensing.

Wang, C., G. Yang, Z. Ma, and Z. Xing (2009), Fusion of VNIR and thermal infrared remote
sensing data based on GA-SOFM neural network, *Diqiu Kongjian Xinxi Kexue Xuebao/ Geo-

Wang, C. and J. Chen (2004), Extracting the Information of Concrete, *Geo-information

Wang, C. and J. CHEN (2004), Investigation on Extracting the Space Information of Concrete,

Wang, C. (2009), Trajectory-based warm-season grass mapping in Missouri prairies with
multi-temporal ASTER imagery, paper presented at American Society for Photogrammetry and
Baltimore, MD , American Society for Photogrammetry and Remote Sensing.

Wang, C., B. E. Jamison, and A. A. Spicci (2010), Trajectory-based warm season grassland
mapping in Missouri prairies with multi-temporal ASTER imagery, *Remote Sens. Environ.,
114*(3), 531-539.

Wang, G. -., Z. -.. He, W. -. Qiu, and H. -. Xu (2009), Extraction and accuracy assessment of
DEM on maerdang dam area from ASTER stereo image data, *Cehui Kexue / Science of

Wang, G., Y. Liang, and S. Zhang (2010), Hydrothermal alteration mapping based on MPH and
fractal technologies using ASTER and ETM+ data in Lushi region, Henan Province, China, paper
presented at 2010 International Conference on Environmental Science and Information
Application Technology (ESIAT), 17-18 July 2010, , IEEE, Beijing, China.

Wang, H. and A. P. Ingersoll (2002), Martian clouds observed by Mars Global Surveyor Mars


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.


Wang, Y. and D. Sun (2005), The et estimation from ASTER image based on SEBAL and TSEB method, paper presented at MIPPR 2005: Geospatial Information, Data Mining, and


Warner, N. H. and 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


Watson, M. (2004), Developing a Multi-Species Algorithm for Quantifying Volcanic Emissions Using MODIS, ASTER and AIRS.,


Wei, H., J. Ma, M. Ma, J. Wang, and X. Li (2004), Study on changes of glaciers and glacial lakes in the Pumqu Basin based on RS and GIS, *Journal of Lanzhou University. Natural Science, 20*(2), 97-100.


Wei, X. (2008), Wavelet analysis for aboveground biomass estimate in temperate deciduous forests, 155.


Welch, R. M., T. Lyons, J. Hacker, U. Nair, R. A. Pielke, S. Asefi, and Y. Wu (2006), The Impact of Land Use Change in Southwestern Australia: The Australian Bunny Fence Experiment (BuFEx-05), *EOS Transactions, American Geophysical Union, 87* (52; Suppl.).


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.


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 I1; final report*, , vol. I1, 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. and M. Wei (2004), Greenland Glacier History from ASTER,.  


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.


Wu, Z. and X. Li (2003), GIS-based glacier inventory of China, IUGG, [location varies].


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).

Wyss, D. and M. Fimiarz (2006), Forest fire mapping in mongolia - The use of modis active fire products for strategic fire management, paper presented at 27th Asian Conference on Remote
Sensing, ACRS 2006, October 9, 2006 - October 13, 2006; Ulaanbaatar, Mongolia, , Asian Association on Remote Sensing.


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.


Yajima, T. and 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. and 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).

Yamaguchi, Y., L. C. Rowan, H. Tsu, A. B. Kahle, and Environmental Research Institute of Michigan, Ann Arbor, MI,United States (USA) (1996), Application of ASTER data to geological studies; 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).

Yamaguchi, Y., H. Tsu, and H. Fujisada (1993), Scientific basis of ASTER instrument design (Advanced Spaceborne Thermal Emission and Reflection Radiometer), paper presented at
Sensor systems for the early earth observing system platforms; Proceedings of the Conference, Orlando, FL; UNITED STATES; 13-14 Apr. 1993, , Bellingham.


Yamamoto, K. and 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.


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 2009, Geoinformatics, 2009 17th International Conference on, , IEEE, Fairfax, VA.


Ye, Q., T. Yao, S. Kang, F. Chen, and J. Wang (2006), Glacier variations in the Naimona'nyi region, western Himalaya, in the last three decades; Papers from the international symposium on High-elevation glaciers and climate records, Annals of Glaciology, 43, 385-389.


Ye, F. and 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.


543
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. and 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.


presented at 2008 Second Workshop on Use of Remote Sensing Techniques for Monitoring Volcanoes and Seismogenic Areas (USEReST), IEEE, Naples, Italy.


Zhang Yujun and 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, X. (2005), Gold-related lithologic and mineral mapping from Hyperion and ASTER data in the south Chocolate Mountains, California, DAI, 67(02A), 168-673.


Zhang, X. and S. Zhang (2009), An improved method for mapping debris-covered glaciers with satellite multispectral image data and digital elevation model, paper presented at


Zhao, G. and L. Girolamo (2007), Examination of 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. Kaeaeb (2004), Gletscherseen 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. A., Y. Ninomiya, and L. F. V. Zoran (2004), Synergy use of satellite images for Vrancea seismic area analysis, paper presented at Remote Sensing for Environmental


