JEFFREY T. MORISETTE

EDUCATION

Doctorate in Philosophy, May 1997
Forestry/Remote Sensing, North Carolina State University,
Thesis: *Using Generalized Linear Models to Enhance Satellite-based Land Cover Change Detection*
International Space University, summer 1996
Technical University of Vienna
Summer Session Program, Vienna
Master of Science in Applied Statistics, 1991 - 1992
Oakland University, Rochester Michigan
Bachelor of Arts degree in Mathematics, 1986 - 1990
Siena Heights College, Adrian Michigan
Major in Mathematics, Minor in Philosophy

CURRENT AND PREVIOUS POSITION

Director, Department of Interior's North Central Climate Science Center (NC CSC)
Colorado State University, Fort Collins CO 80526
February, 2012 - present

Specific Duties:

- Director of the DOI's regional initiative to utilize state-of-the-art climate science to best inform Department of Interior land management decisions.
- Coordinate applied research between the relevant DOI Landscape Conservation Cooperatives, USGS science centers, and the NC CSC University Consortium members.
- Lead the development of a long-term science agenda and annual implementation plans for the Center.

Assist. Cnt. Director for Science (1/4 time) **& Head, Invasive Species Science Branch Center** (3/4 time)
USGS Fort Collins Science Center, Fort Collins CO 80526
August, 2008 – January, 2012

Physical Scientist: Civil Servant , NASA's Goddard Space Flight Center
Laboratory for Terrestrial Physics, Code 614.5, Greenbelt MD, 20771
December, 2001 – August, 2008
Applied research in Earth sciences, with a particular emphasis on habitat modeling, fire monitoring and burnt area mapping, landscape phenology from satellite time-series, and accuracy assessment of global satellite land products.

Program Manager: Applied Science Program, NASA Headquarters
NASA Science Mission Directorate, Washington DC
September, 2006 – September 2007
Program coordinator for the Invasive Species and Carbon Management portfolios.

Affiliate Status: Colorado State University, November 2010 - present
Co-teaching occasional graduate "special topics" courses & collaborative research

Adjunct Assistant Professor: University of Maryland's Earth System Science Interdisciplinary Center
University of Maryland, College Park, Maryland, September, 2002 - 2008

Research Faculty: George Mason University, Computational and Data Sciences Department
George Mason University, Fairfax Virginia, December, 2006 – 2008

RELEVANT PREVIOUS EMPLOYMENT

MODIS Land Discipline Team Validation Coordinator, NASA's Goddard Space Flight Center
Position through Science System and Applications, Inc. (SSAI), December 2000- December 2001.
Research Associate/Post Doc., University of Maryland, Geography, June, 1998 – Nov. 2000.
Position through NASA Goddard Space Flight Center with the MODIS Land Discipline Team.
Senior Application Scientist, Earth Satellite Corporation, Rockville, MD, Jan, 1998 – June, 1999.
NASA Global Change Fellow/Research Assistant, NCSU
1995 – 1997, while attending NCSU doing Ph.D work.
Guest Lecturer, International Space University, Strasbourg, France (April 1997)
A "hands-on" workshop on Digital Image Processing utilizing Erdas Imagine™ software.
EPA Training Program (through NCSU Statistics Department, Jan. 1993- Dec. 1993)
Working with analytical chemist on the statistical integrity of validation test protocol.
Ford Applied Statistics Co-op Scholar - (through Ford Motor Co. and Oakland Univ., Fall 1991 - Dec. 1992).
Summer Statistical Support Intern - General Motors (Summer 1991).

GRADUATE STUDENT COMMITTEES

- Jordan Lestina (committee member, CSU) undergraduate Honors student, BA, 2016.
- David Barnett (committee member, CSU), PhD, current.
- Timothy Asal (committee member, CSU), PhD, current.
- Miguel O. Román (committee member, Boston University), PhD 2009.
- Wilfrid Schroeder (co-advisor, UMd Geography) Ph.D 2008.
- Weijie Cai (committee member, George Mason U.) Ph.D 2007.
- Wenze Yang (committee member, Boston U.) Ph.D. 2006.
- Hongliang Fang (committee member, UMd Geograph) Ph.D 2003.
- Carolina Santos (co-advisor, UMd Geography) MS, 2003

HONORS AND AWARDS

- Federal Laboratory Consortium Interagency Partnership Award, 2016
  (member for Soil Moisture Active Passive early adopters team)
- DOI Partners in Conservation Aware, 2011 (member for team award)
- NOAA's National David Johnson Award for Innovative Use of Earth Observing data, 2006
- NASA Goddard's New Business Capture Award, 2006
- NASA performance awards 2003, 2004, 2005, 2006, 2007, 2008
- NASA's Global Change Fellowship, 1995 - 1997
- ASPRS Potomac Region "At-large" Fellowship, 1996
- International Space University Tuition Scholarship, Summer Session Program, 1996
- North Carolina Space Grant Consortium Fellowship, Summer '95
- Mu Sigma Rho, Statistical Honor Society, nomination from NCSU Statistics department, 1994
- Phi Sigma Tau, Philosophy Honor Society, nomination from Siena Heights College, 1988

RECENT PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Board Member: Committee on Open Environmental Information Services. American Meteorology Society, starting Nov. 2014.
Chair: USGS Earth Resources Observation and Science (EROS) Center Land Processes Distributed Active Archive Center, User Working Group, starting 2012.
Member: National Ecological Observatory Network (NEON) Operations Working Group, invited Sept. 2009.
Member: Implementation team of the USA-National Phenology Network, invited and started, Oct. 2005
Member: North American Carbon Program Science Steering Group, invited and started, Jan. 2005
Member: NPOESS Preparatory Project Science Team (2008), MODIS Science Team (2003-2008), LBA-Ecology Science team (2002-2005), NASA's Biodiversity and Ecological Forecasting Team (2004-2008), AGU and IEEE
Chair: Oak Ridge National Lab User Working Group, 2003-2007
Chair: Committee on Earth Observing Satellites, Working Group on Calibration and Validation, Land Product Validation subgroup, February 2003-2006 (Vice Chair, December 2000-February 2003).

PUBLICATIONS

Citation indices	All	Since 2011
Citations	7022	3976
h-index	33	30
i10-index	57	50

Google Scholar Search, March 2016

Book Chapters

Hanes, JM, L. Liang, JT Morisette, 2014. Land Surface Phenology, In: J. M. Hanes (ed.), Biophysical Applications of Satellite Remote Sensing, Springer Remote Sensing/Photogrammetry, DOI: 10.1007/978-3-642-25047-7_4, Springer-Verlag Berlin Heidelberg 2014 pp 99-125, available on-line at http://link.springer.com/chapter/10.1007/978-3-642-25047-7_4

Morisette, J. M Schwartz, CM Hogan. Phenology. In: Encyclopedia of Earth. Eds. Cutler J. Cleveland (Washington, D.C.: Environmental Information Coalition, National Council for Science and the Environment). [First published in the Encyclopedia of Earth July 27, 2010; Last revised Date August 25, 2011; Retrieved August 26, 2011 http://www.eoearth.org/article/Phenological_Research.

Le Moigne, J., AA Cole-Rhodes, RD Eastman, NS Netanyahu, HS Stone, I Zavorin, and JT Morisette 2011. Multitemporal and multisensor image registration. In *Image Registration for Remote Sensing*, ed. J. Le Moigne, N.S. Netanyahu and R.D. Eastman, Cambridge, UK: Cambridge University Press, pp. 293-238.

Morisette, J.T., J. L. Privette, A. Strahler, P. Mayaux, C. O. Justice, "An approach for the Validation of Global Land Cover Products through the Committee on Earth Observing Satellites", in *Remote Sensing and GIS Accuracy Assessment* Lunetta, R.S., and J.G. Lyon (Editors), 2004, CRC Press, Boca Raton, FL. 304 pp th.

Morisette, Jeffrey T.; S. Khorram; H. Cheshire and C. Stallings, 1996, "Creating an Urban-Mask Raster Image with Vector Street Files" p. 172 - 178, in *Raster Imagery in Geographic Information Systems*, Stan Morain ed., High Mountain Press, Santa Fe, New Mexico, 495 pp.

Refereed Articles

Jarnevich, CS, TJ Stohlgren, S Kumar, JT Morisette, TR Holcombe, 2015. Caveats for correlative species distribution modeling. Ecological Informatics 29, 6–15.

Miller, B., Frid, Chang, Piekielek, Hansen, Morisette, 2015. Combining state-and-transition simulations and species distribution models to anticipate the effects of climate change, AIMS Environmental Science 2(2) 400-426, DOI: 10.3934/environsci.2015.2.400.

Tamara Wilson, Jennifer Costanza, Jim Smith, and Jeffrey Morisette 2015. Second State-and-Transition Simulation Modeling Conference. Bulletin of the Ecological Society of America 96:174–175. http://dx.doi.org/10.1890/0012-9623-96.1.174

Jarnevich, CS, TR Holcombe, EM Bella, ML Carlson, G Graziano, M Lamb, SS Seefeldt, and JT Morisette. Cross-Scale Assessment of Potential Habitat Shifts in a Rapidly Changing Climate. *Invasive Plant Science and Management* 2014 7:491–502.

Liang, Liang, et al. "A Cross Comparison of Spatiotemporally Enhanced Springtime Phenological Measurements From Satellites and Ground in a Northern US Mixed Forest." Geoscience and Remote Sensing, IEEE Transactions on 52.12 (2014): 7513-7526.

Olsson, Aaryn D., and Jeffrey T. Morisette. "Comparison of Simulated HyspIRI with Two Multispectral Sensors for Invasive Species Mapping." Photogrammetric Engineering & Remote Sensing 80.3 (2014): 217-227.

Rose, RA, D Byler, JR Eastman,…, JT Morisette, et al., 2014. Ten Ways Remote Sensing Can Contribute to Conservation, *Conservation Biology*, DOI: 10.1111/cobi.12397

Yanmin S., C. Schaaf , X Zhang , A Strahler , D Roy , J Morisette , Z Wang , J Nightingale , J Nickeson , AD Richardson , D Xie , J Wang , X Li , K Strabala, JE Davies, 2013. Daily MODIS 500 m reflectance anisotropy direct broadcast (DB) products for monitoring vegetation phenology dynamics, International Journal of Remote Sensing, 34:16, 5997-6016, DOI: 10.1080/01431161.2013.803169

Talbert, C., M. Talbert, J. Morisette, D. Koop. 2013. Data Management Challenges in Species Distribution Modeling. IEEE Data Eng. Bull. 36(4)31-40, http://sites.computer.org/debull/A13dec/p31.pdf.

Jarnevich, CS, WE Esaias, PL Ma, JT Morisette, JE Nickeson, TJ Stohlgren, TR Holcombe, JM Nightingale, RE Wolfe, B Tan, 2013. Regional distribution models with lack of proximate predictors: Africanized honeybees expanding north, Diversity and Distributions, DOI: 10.1111/ddi.12143.

Talbert, C. T. Kern, J. Morisette, D. Brown, K. James, 2013. MODIS Phenology Image Service ArcMap Toolbox, USGS Open File Report, available on-line http://pubs.usgs.gov/of/2013/1250/.

Morisette et al., 2013. VisTrails SAHM: visualization and workflow management for species habitat modeling. Ecography 36: 129–135. doi: 10.1111/j.1600-0587.2012.07815.x

Frid L., T Holcombe, JT Morisette, AD Olsson, L Brigham, TM Bean, JL Betancourt, and K Bryan, 2013. Using State-and-Transition Modeling to Account for Imperfect Detection in Invasive Species Management, Invasive Plant Science and Management 2013 6:36–47.

Crall, AW, C Jarnevich, B Panke, N Young, M. Renz, and J. Morisette, 2013. Using habitat suitability models to target invasive plant species surveys. Ecological Applications, 23(1) 60–72.

Morisette, JT, ed. 2012, North Central Climate Science Center—Science Agenda 2012–2017, USGS Open File Report, available on-line http://pubs.usgs.gov/of/2012/1265/.

Jarnevich, CS., P Evangelista, TJ Stohlgren, and J Morisette, 2011. Improving National-Scale Invasion Maps: Tamarisk in the Western United States, Western North American Naturalist 71(2)164–175.

Stohlgren, TJ, CS Jarnevich, WE, Esaias, JT Morisette, Bounding species distribution models, 2011. Current Zoology 57 (5): 642-647.

Tan, Bin, JT Morisette, RE Wolfe, F Gao, GA Ederer, J Nightingale, and JA Pedelty, 2011. An Enhanced TIMESAT Algorithm for Estimating Vegetation Phenology Metrics From MODIS Data, IEEE J. of Selected Topics in Applied Earth Observations and Remote Sensing.

Morisette, JT., J Nightingale, and J Nickeson. 2010. Assessing the Accuracy of Landscape-Scale Phenology Products: An International Workshop on the Validation of Satellite-Based Phenology Products; Dublin, Ireland, 18 June 2010. Eos, Transactions American Geophysical Union 91.44: 407-407.

Morisette, J., 2010. Toward a standard nomenclature for imagery spatial resolution. International Journal of Remote Sensing 31(9): 2347–2349.

Stohlgren TJ, P. Ma, S. Kumar, M. Rocca, J.T. Morisette, C.S. Jarnevich, and N. Benson. 2010. Ensemble habitat mapping of invasive plant species., *Risk Analysis,* 30(2)224-235.

Zhang, X. M Goldberg, D Tarpley, MA Friedl, J Morisette, F Kogan, and Y. Yu., 2010. Drought-induced vegetation stress in southwestern North America, Environ. Res. Lett. 5 (2010) 024008 (11pp)

Cook, BD, PV. Bolstad, E. Næsset, RS Anderson, S Garrigues, JT Morisette, J Nickeson, and KJ Davis, 2009. Using LiDAR and Quickbird Data to Model Plant Production and Quantify Uncertainties Associated with Wetland Detection and Land Cover Generalizations. *Remote Sensing of Environment*. 113: 2366–2379.

Evangelista, Paul H., Thomas J. Stohlgren, Jeffrey T. Morisette, and Sunil Kumar, 2009. Mapping Invasive Tamarisk (*Tamarix):* A Comparison of Single-Scene and Time-Series Analyses of Remotely Sensed Data, Remote Sens. 2009, 1(3), 519-533; doi:10.3390/rs1030519.

Yujie Wang Lyapustin, A.I.; Privette, J.L.; Morisette, J.T.; Holben, B.. 2009. Atmospheric Correction at AERONET Locations: A New Science and Validation Data Set, IEEE Transactions on Geoscience and Remote Sensing, 47(8)2450 – 2466.

Morisette, J. A. Richardson et al., 2009, Learning the rhythm of the seasons in the face of global change: phenological research provides the key. *Frontiers in Ecology and the Environment*. 7(5): 253-260.

Nightingale, J. Morisette, J. Wolfe, R. Tan, B. Gao, F. Ederer, G. Collatz, J. Turner, D. 2009. Temporally smoothed and gap-filled MODIS Land Products for Carbon Modeling: Application of the FPAR Product, *International Journal of Remote Sensing* 30(4)1083-1090. (DOI: 10.1080/01431160802398064).

Schroeder, W. I. Csiszar; J. Morisette, 2008. Quantifying the impact of cloud obscuration on remote sensing of active fires in the Brazilian Amazon, Remote Sensing of Environment, 112(2) **456-470**.

Schroeder, W. E. Prins, L. Giglio, I. Csiszar; C. Schmidt; J. Morisette, and D. Morton, 2008. Validation of GOES and MODIS Active Fire Detection Products Using ASTER and ETM+. *Remote Sensing of Environment*. 112: 2711-2726.

Schroeder, W., M. Ruminski, I. Csiszar, L. Giglio, E. Prins, C. Schmidt, J. Morisette. 2008. Validation Analyses of an Operational Fire Monitoring Product: The Hazard Mapping System. Int. J. of Remote Sensing, 29(20)6059-6066.

Garrigues, S., N.V. Shabanov, K. Swanson, J. Morisette, F.Baret and R.B. Myneni. 2008. Intercomparison and Sensitivity Analysis of Leaf Area Index Retrievals from LAI-2000, AccuPAR, and Digital Hemispherical Photography over Croplands. *Agricultural and Forest Meteorology*. 148:1193-1209.

Garrigues, S, Lacaze R, Baret F, Morisette JT, Weiss M, Nickeson JE, Fernandes R, Plummer S., Shabanov NV, Myneni RB, Knyazikhin Y, and Yang W, 2008. Validation and intercomparison of global Leaf Area Index products derived from remote sensing data, J. Geophys. Res., 113, G02028, doi:10.1029/2007JG000635.

Giglio, L., I. Csiszar, A´ goston Resta´s, J. Morisette, W. Schroeder, D. Morton and C. Justice, 2008. Active Fire Detection and Characterization with the Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER), *Remote Sensing of Environment* 112: 3055-3063

Schroeder, W. E. Prins, L. Giglio, I. Csiszar; C. Schmidt; J. Morisette, and D. Morton, 2008. Validation of GOES and MODIS Active Fire Detection Products Using ASTER and ETM+. *Remote Sensing of Environment*. 112: 2711-2726.

Garrigues, S., Allard, D., Baret , F. and Morisette , J.T. 2008. Multivariate quantification of landscape spatial heterogeneity using variogram model. Remote Sensing of Environment, 112:216-230.

Gao, F, J. Morisette, R. Wolfe, G. Ederer, J. Pedelty, E. Masuoka, R. Myneni, B. Tan, and J. Nightingale, 2008. An Algorithm to Produce Temporally and Spatially continuous MODIS-LAI Time Series, IEEE Geoscience and Remote Sensing Letters, 5(1)60-64.

Myneni, Ranga B., W.Y anga,b, R. Nemanic, A Huete, … J. T. Morisette et al., 2007. Large seasonal swings in leaf area of Amazon rainforests, *Proceedings of the National Academy of Sciences*, 104(12) 4820 – 4823.

Nickeson, J., J. Morisette, J. Privette, C. Justice, D. Wickland, 2007. Coordinating Earth Observing System Land Validation, *EOS Transactions*, 88(7)81-82.

Morisette, J.T., F. Baret, S. Liang, 2006. Special issue on Global Land Product Validation, *IEEE TGARS* 44(7) 1695-1697.

Morisette, J.T., F. Baret, J. L. Privette, R. B. Myneni, J. Nickeson, et al., 2006. Validation of Global moderate resolution LAI Products: a framework proposed within the CEOS Land Product Validation subgroup, *IEEE TGARS*, 44(7)1804-1817.

Morton, D.C., R. S. DeFries, Y. E. Shimabukuro, L. O. Anderson, E. A. Fernando del Bon Espirito-Santo, R Freitas, and J. Morisette, 2006. Cropland expansion changes deforestation dynamics in the southern Brazilian Amazon, *Proceedings of the National Academy of Sciences*, 103(39) 14637–14641.

Baret, F., J. Morisette, R. Fernandes, J.L. Champeaux, R. Myneni, J. Chen, S. Plummer, M. Weiss, C. Bacour, S. Garrigues, and JE. Nickeson, 2006, Evaluation of the representativeness of networks of sites for the validation and inter-comparison of global land biophysical products. Proposition of the CEOS-BELMANIP, *IEEE TGARS*, 44(7)1794-1803.

Csiszar, I. A, J, T Morisette, L, Giglio, 2006. Validation of active fire detection from moderate resolution satellite sensors: the MODIS example,*IEEE TGARS*, 44(7)1757-1764.

Brown, M. E. J. E Pinzon, J. T. Morisette, K. Didan, C. J. Tucker, 2006. Inter-Sensor Validation of long-term NDVI time series from AVHRR, SPOT-Vegetation, SeaWIFS, MODIS, and LandSAT ETM+, *IEEE TGARS*, 44(7)1787-1793.

Morisette, J.T., C. S. Jernevich, A. Ullah, W. Cai, J.A. Pedelty, J. Gentle, T.J.Stohlgren, J.L. Schnase, 2006. A tamarisk habitat suitability map for the continental US, *Frontiers in Ecology*, 1(4)11-17.

Morisette, J.T., L.Giglio, I.Csiszar, C.O. Justice, 2005 Validation of the MODIS Active fire product over Southern Africa with ASTER data, *International Journal of Remote Sensing*, vol. 26(19)4239–4264.

Roy, D.P., Frost, P.G.H., Justice, … Morisette, J.T, et al., "The Southern Africa Fire Network (SAFNet) regional burned area product validation protocol", *International Journal of Remote Sensing*, vol. 26(19)4265-4292.

Morisette, J.T., L. Giglio. I. Csiszar, A. Setzer, W. Schroeder, D. Morton, C O. Justice, 2005, Validation of MODIS active fire detection products derived from two algorithms, *Earth Interaction*, vol. 9, paper 9.

Schroeder, W, J. Morisette, I. Csiszar, L. Giglio, D. Morton, C. Justice. 2005. Characterizing Vegetation Fire Dynamics in Brazil Through Multi-Satellite Data: Common Trends and Practical Issues, *Earth Interaction* vol. 9, paper 13.

Pedelty J. A, J.T. Morisette, J.A. Smith, 2004. Comparison of Landsat-7 Enhanced Thematic Mapper Plus (ETM+) and Earth Observing One (EO-1) Advanced Land Imager, *Optical Engineering*, 43 (4): 954-962.

Morisette, J.T., J. E. Nickeson, P. Davis, Y. Wang, Y. Tian, C. E. Woodcock, N. Shabanov, M. Hansen, D.L. Schaub, A. R. Huete, W. B. Cohen, D. R. Oetter, and R. E. Kennedy, 2003. High spatial resolution satellite observations for validation of MODIS land products: IKONOS observations acquired under the NASA Scientific Data Purchase, *Remote Sensing of Environment*, *88* (1-2) 100-110.

Liang, S., H. Fang, M. Chen, C. Walthall, C. Daughtry, J. Morisette, 2002, Atmospheric correction of Landsat ETM+ imagery II: validation and applications, *IEEE Trans. Geos. Remote Sens,* 40(12) 2736-2746.

Morisette, J. T., J.L. Privette, and C.O. Justice, 2002. A framework for the validation of MODIS land products, *Remote Sensing of Environment*, *83* (1-2) 77-96.

Liang S.L., H.L. Fang, M.Z. Chen, C.J. Shuey, C. Walthall, C. Daughtry, J. Morisette, C. Schaaf, A. Strahler, 2002, Validating MODIS land surface reflectance and albedo products: methods and preliminary results, *Remote Sensing of Environment*, *83* (1-2) 149-162.

Justice, C. O., L. Giglio, S. Korontzi, J. Owens, J.T.Morisette, D. Roy, J. Descloitres, S. Alleaume, F. Petitcolin, Y. Kaufman, 2002. The MODIS Fire Products. *Remote Sensing of Environment., 83* (1-2) 244–262.

Myneni, R.B., Y. Knyazikhin, J.L. Privette, J. Glassy, Y. Tian, Y. Wang, S. Hoffman, X. Song, Y. Zhang, G.R. Smith, A. Lotsch, M. Friedl, J.T. Morisette, P. Votava, R.R. Nemani, and S.W. Running, 2002. Global products of vegetation leaf area and fraction absorbed PAR from year one of MODIS data, R*emote Sensing of Environment*, *83* (1-2) 214-231.

Justice, C.O., J. Townshend, E. Vermote, E. Masuoka, R. Wolfe, N. El Saleous, D. Roy, J. Morisette, 2002. An overview of MODIS Land data processing and product status, *Remote Sensing of Environment*, 83 (1-2) 3-15.

Morisette, Jeffrey T. and S. Khorram, 2000, "Accuracy Assessment Curves for Satellite-Based Change Detection", *Photogrammetric Engineering and Remote Sensing.* vol. 66 (7) 876-880.

Justice, C., Belward, A., Morisette, J., Lewis, P., Privette, J., Baret, F., 2000, Developments in the validation of satellite products for the study of the land surface, *International Journal of Remote Sensing*, v. 21 (17) 3383 – 3390.

Walthall, C., Roujean, J., Morisette, J., 2000, Field and Landscape BRDF optical wavelength measurements: experience, techniques, and the future, Special Issue on BRDF in *Remote Sensing Reviews*, 18(2-4)503-532.

Morisette, J., S. Khorram, T. Mace, 1999, Land-cover change detection enhanced with generalized linear models, *International Journal of Remote Sensing*, 20(14)2703-2721.

Morisette, J., Khorram S., Exact Binomial Confidence Interval for Proportions, *Photogrammetric Engineering and Remote Sensing*, April 1998, v.64, n. 4, pp. 281-283.

Morisette, J., 1997, An Example Using SAS to Fit the Model of Coregionalization, *Computers and Geoscience*, v. 23, n. 3, pp. 317-323.

Karl, Dennis P., Morisette, J., Taam, W., 1994, Some Applications of a Multivariate Capability Index in Geometric Dimensioning and Tolerancing, *Quality Engineering*, v. 6, n. 4, pp. 649-665.

Published Data Sets and Tools

Talbert, Colin; Kern, Tim; Morisette, Jeff; Brown, Don; and James, Kevin, 2013, MODIS phenology image service ArcMap toolbox: U.S. Geological Survey Open-File Report 2013–1250, 6 p., http://pubs.usgs.gov/of/2013/1250/.

Schroeder, W. and J. T. Morisette. 2008. LBA-ECO LC-23 Vegetation Fire Data, Roraima, Brazil: 2003. Data set. Available on-line [http://daac.ornl.gov] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. doi:10.3334/ORNLDAAC/887.

Morisette, J. T., L. Giglio, I. Csiszar, A. Setze, W. Schroeder, D. Morton and C. O. Justice. 2004. LBA ECO LC-23 ASTER - MODIS Fire Data Comparison - Brazil 2003 & 2004. Data set. Available on-line [http://www.daac.ornl.gov] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A.

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Morisette, J. T., L. Giglio, I. Csiszar, and C. O. Justice. 2003. SAFARI 2000 ASTER and MODIS Fire Data Comparison, Dry Season 2001. Data set. Available on-line [http://www.daac.ornl.gov] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. Conference Proceeding

Privette, J.L., J. Nickeson, J., D. Landis, and J. Morisette, eds. 2001. SAFARI 2000 CD-ROM Series: Volume 1, NASA. CD-ROM. 3 discs, NASA Goddard Space Flight Center.

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