

Atmospheric correction

• MODIS imagery of Chinese northeastern coast, (Natural color composite, May 7, 2000)

	References
1.	Berk, A., G. P. Anderson, P. K. Acharya, J. H. Chetwynd, L. S. Bernstein, E. P. Shettle, M. W. Matthew, and S. M. Adler-Golden, <i>MODTRAN4 User's Manual</i> , Air Force Research Laboratory, Hanscom AFB, MA, pp. 1-93, 2000.
2.	Gao, B. –C. and C. O. Davis, 1998, Examples of using imaging spectrometry for remote sensing of the atmosphere, land, and ocean, In Proceedings of SPIE: Hyperspectral Remote Sensing and Applications, 3502:234-242.
3.	Gao, B. C., K. B. Heidebrecht, and A. F. H. Goetz, 1993, Derivation of scaled surface
4.	Goetz, A. F. H., J. W. Boardman, B. Kindel, and K. B. Heidebrecht, "Atmospheric corrections: on deriving surface reflectance from hyperspectral images," In Proceedings of SPIE: Imaging Spectrometry III vol. 3118 pp. 14-22. 1997
5.	Green, R. O., "Retrieval of reflectance from calibrated radiance imagery measured by the Airborne Visible.Infrared Imaging spectrometer (AVIRIS) for lithological mapping," Imaging Spectroscopy: Fundamentals and Prospective Application, pp. 61-71, 1992.
6.	Qu, Z., A. F. H. Goetz, and K. B. Heidebrecht, 2001, High-accuracy atmosphere correction for hyperspectral data (HATCH), 2000, AVIRIS 2000 Workshop Proceedings, http://oopo.jol.nasa.gov/docs/workshops/00, docs/toc, html, pp. 1-8.
7.	Richter, R., "Atmospheric correction of imaging spectrometer data," Imaging Spectroscopy:
8.	Sturm, B, "Atmospheric and rediometric corrections for imaging spectroscopy," Imaging
9.	Tanré, D., C. Deroo, and P. Duhaut, "Description of a computer code to simulate the satellite signal in the solar spectrum: the 5S code " lot. L of Permete Sensing vol. 11 pp. 659-668, 1990
10.	Tanré, D., C. Deroo, and P. Duhaut et al., "Simulate the satellite signal in the solar spectrum (5S)," User's Guide, Laboratory d'Optique Atmospherique, U. S. T. de Lille, 59655 Villeneuve D'ascq, France, 1986.
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