**References**

Acharya, K.P. (2002). Twenty-four years of community forestry in Nepal. *International Forestry Review* 4:149-156.

Acharya, K.P., Dangi, R.B. and M. Acharya. (2012). Understanding forest degradation in Nepal. *Unasylva* 238 (62): 31-38.

Adhikari, J. and M. Hobley. (2011). *Everyone is leaving – who will sow our fields? The Effects of Migration from Khotang District to the Gulf and Malaysia.* Kathmandu: Swiss Agency for Development and Cooperation.

Adhikari, B. S.DiFalco, J.C. Lovett. (2004). Household characteristics and forest dependency: Evidence from common property forest management in Nepal. *Ecological Economics* 48: 245-257.

Agrawal, A. (2001). Common property institutions and sustainable governance of resources. *World Development*, *29* (10): 1649–1672.

Agrawal, A., & Chhatre, A. (2006). Explaining success on the commons: Community forest governance in the Indian Himalaya. *World Development*, *34*(1), 149–166.

Amans, O. C., Beiping, W., & Ziggah, Y. Y. (2012). Assessing vertical accuracy of SRTM Ver 4.1 and ASTER GDEM Ver 2 using differential GPS measurements – case study in Ondo State, Nigeria. *International Journal of Scientific & Engineering Research* 4(12), 523–531.

Anderson, A. B. (1990). A*lternatives to deforestation: steps toward sustainable use of the Amazon rain forest*. Columbia University Press. Retrieved from http://www.cabdirect.org/abstracts/19916709917.html

Angelsen, A., & Kaimowitz, D. (1999). Rethinking the causes of deforestation: lessons from economic models. *The World Bank Research Observer*, *14*(1), 73–98.

Brandt, J. S., Kuemmerle, T., Li, H., Ren, G., Zhu, J., & Radeloff, V. C. (2012). Using Landsat imagery to map forest change in southwest China in response to the national logging ban and ecotourism development. *Remote Sensing of Environment*, *121*, 358-369.

Breiman, L. (2001). Random forests. *Machine learning*, *45*(1), 5-32.

Cai, X. L., & Sharma, B. R. (2010). Integrating remote sensing, census and weather data for an assessment of rice yield, water consumption and water productivity in the Indo-Gangetic river basin. *Agricultural Water Management*, *97*(2), 309–316.

Canty, M. J., Nielsen, A. A., & Schmidt, M. (2004). Automatic radiometric normalization of multitemporal satellite imagery. *Remote Sensing of Environment,* 91(3), 441–451.

Central Bureau of Statistics (CBS). (1996). Nepal Living Standards Survey 1995/1996/11 Vol. 1 and 2. retrieved from http://cbs.gov.np/wp-content/uploads/1996/02/Statistical\_Report\_Vol1.pdf (On 28 August 2014.

Central Bureau of Statistics (CBS). (2003). National population census 2001. Retrieved from cbs.gov.np/nada/index.php/catalog/12 (November 22, 2013).

Central Bureau of Statistics (CBS). (2008). Nepal labor force survey 2008. Retrieved from http://cbs.gov.np/?p=172 (on 28 August 2014).

Central Bureau of Statistics (CBS). (2011). Nepal Living Standards Survey 2010/11 Vol. 1 and 2. retrieved from http://cbs.gov.np/wp-content/uploads/2012/02/Statistical\_Report\_Vol1.pdf (On 28 August 2014.

Central Bureau of Statistics (CBS). (2012). National census of agriculture 2011-2012. Retrieved from cbs.gov.np/nada/index.php/catalog/34. On 22 November 2013.

De Espindola, G. M., De Aguiar, A. P. D., Pebesma, E., Câmara, G., & Fonseca, L. (2012). Agricultural land use dynamics in the Brazilian Amazon based on remote sensing and census data. *Applied Geography*, *32*(2), 240–252.

DeFries, R. S., Houghton, R. A., Hansen, M. C., Field, C. B., Skole, D., & Townshend, J. (2002). Carbon emissions from tropical deforestation and regrowth based on satellite observations for the 1980s and 1990s. *Proceedings of the National Academy of Sciences*, 99(22), 14256–14261.

DoF. 2012. Department of Forest, Government of Nepal. Retrieved from: dof.gov.np/division/community-forest-division/community-forestry. on 20 November 2013.

Downton, M. W. (1995). Measuring tropical deforestation: development of the methods. *Environmental Conservation*, 22(03), 229–240.

FAO & JRC. 2012. Global forest land-use change 1990–2005, by E.J. Lindquist, R. D’Annunzio, A. Gerrand, K. MacDicken, F. Achard, R. Beuchle, A. Brink, H.D. Eva, P. Mayaux, J. San-Miguel-Ayanz & H-J. Stibig. FAO Forestry Paper No. 169. Food and Agriculture Organization of the United Nations and European Commission Joint Research Centre. Rome, FAO.

Foster, A., M. Rosenzweig, and J. Behrman. (1997). *Population Growth, Income Growth, and Deforestation: Management of Village Common Land in Indi*a. Brown University, Providence, and University of Pennsylvania, Philadelphia.

Fox, J.M. (1984). Firewood consumption in a Nepali village. *Environmental Management* 8(3):243-250.

Fox, J. (1993). Forest resources in a Nepali village in 1980 and 1990: the positive influence of population growth. *Mountain Research and Development*, 89–98.

Fox, J. (2003). *People and the environment: Approaches for linking household and community surveys to remote sensing and GIS* (Vol. 1). Springer.

Fox, J. (in prep.) Thirty years of community forestry: Mapping forest dynamics in a Nepali village 1980 to 2010.

Frolking, S., Qiu, J., Boles, S., Xiao, X., Liu, J., Zhuang, Y., … Qin, X. (2002). Combining remote sensing and ground census data to develop new maps of the distribution of rice agriculture in China. *Global Biogeochemical Cycles*, *16*(4), 38–1.

Ghimire, A., Rajbanshi, A., Upreti, B. R., Gurung, G., Adhikari, J., & Thieme, S. (2011). N*epal Migration Yearbook 2010*. NIDS and NCCR (North-South): Kathmandu, Nepal.

Grainger, A. (2008). Difficulties in tracking the long-term global trend in tropical forest area. *Proceedings of the National Academy of Sciences*, 105(2), 818–823.

Gunatilake, H. M. (1998). The role of rural development in protecting tropical rainforests: evidence from Sri Lanka. *Journal of Environmental Management*, *53*(3), 273–292.

Hansen, M. C., Stehman, S. V., & Potapov, P. V. (2010). Quantification of global gross forest cover loss. *Proceedings of the National Academy of Sciences*, 107(19), 8650–8655.

Hansen, M. C., Stehman, S. V., Potapov, P. V., Loveland, T. R., Townshend, J. R., DeFries, R. S., … others. (2008). Humid tropical forest clearing from 2000 to 2005 quantified by using multitemporal and multiresolution remotely sensed data. P*roceedings of the National Academy of Science*s, 105(27), 9439–9444.

Hayakawa, Y. S., Oguchi, T., & Lin, Z. (2008). Comparison of new and existing global digital elevation models: ASTER G-DEM and SRTM-3. *Geophysical Research Letters*, *35*(17).

Hecht, S. (2010). The new rurality: Globalization, peasants and the paradoxes of landscapes. *Land Use Policy*, 27(2), 161–169.

Hecht, S. B., & Saatchi, S. S. (2007). Globalization and forest resurgence: changes in forest cover in El Salvador. *BioScience*, *57*(8), 663–672.

Heinimann, A., Hett, C., Hurni, K., Messerli, P., Epprecht, M., Jørgensen, L., & Breu, T. (2013). Socio-economic perspectives on shifting cultivation landscapes in Northern Laos. *Human Ecology*, *41*(1), 51–62.

Houghton, R. A., & Hackler, J. L. (2000). Changes in terrestrial carbon storage in the United States. 1: The roles of agriculture and forestry. *Global Ecology and Biogeograph*y, 9(2), 125–144.

Huang, C., Goward, S. N., Masek, J. G., Thomas, N., Zhu, Z. and J.E. Vogelmann. 2010. An automated approach for reconstructing recent forest disturbance history using dense Landsat time series stacks. *Remote Sensing of Environment* 114(1): 183–198. doi:10.1016/j.rse.2009.08.017

Johnson, C. M., Vieira, I. C., Zarin, D. J., Frizano, J., & Johnson, A. H. (2001). Carbon and nutrient storage in primary and secondary forests in eastern Amazonia. *Forest Ecology and Management*, 147(2), 245–252.

Karimi, P., Molden, D., & Bastiaanssen, W. (2011). Mapping crop water productivity in the Nile Basin through combined use of remote sensing and census data. Retrieved from <http://dspacetest.cgiar.org/handle/10568/44875>

Kennedy, R. E., Yang, Z. and W. B. Cohen. (2010). Detecting trends in forest disturbance and recovery using yearly Landsat time series: 1. LandTrendr—Temporal segmentation algorithms. *Remote Sensing of Environment* 114(12): 2897-2910.

Khadka, I. B., Murray, A. B., & Maharjan, D. R. (2003). *Mapping Nepal census indicators 2001 & trends.* International Centre for Integrated Mountain Development (ICIMOD). Retrieved from http://www.cabdirect.org/abstracts/20043128266.html

Koop, G., & Tole, L. (1999). Is there an environmental Kuznets curve for deforestation? *Journal of Development Economics*, 58(1), 231–244.

Lambin, E.F. and P. Meyfroidt. (2011). Global land use change, economic globalization, and the looming land scarcity. *PNAS* 108 (9): 3465-3472.

Leblond, J.-P. (2010). *Population displacement and forest management in Thailand*. Canada Research Chair in Asian Studies–Université de Montréal. Retrieved from http://asiapacific.anu.edu.au/newmandala/wp-content/uploads/2010/06/ChATSEA-WP-8-Leblond.pdf

Malik, K. (2013). H*uman Development Report 2013. The rise of the South: Human progress in a diverse world*. Retrieved from http://www.popline.org/node/574647

Masek, J. G., Vermote, E. F., Saleous, N. E., Wolfe, R., Hall, F. G., Huemmrich, K. F., Gao, F., Kutler, J. and T.Lim. (2006). A Landsat surface reflectance dataset for North America, 1990-2000. *Geoscience and Remote Sensing Letters, IEEE* 3(1): 68-72.

Mather, A. S. (1990). *Global forest resources*. Belhaven Press. Retrieved from http://www.cabdirect.org/abstracts/19926713441.html

Mather, A. S. (2001). The transition from deforestation to reforestation in Europe. *Agricultural Technologies and Tropical Deforestation*, 35–52.

Mather, A. S. (2007). Recent Asian forest transitions in relation to forest-transition theory. *International Forestry Review*, 9(1), 491–502.

Mather, A. S., & Needle, C. L. (1998). The forest transition: a theoretical basis. *Area*, 30(2), 117–124.

Meyer, W. B., & BL Turner, I. I. (1994). *Changes in land use and land cover: a global perspective* (Vol. 4). Cambridge University Press.

Millette, T. L., Tuladhar, A. R., Kasperson, R. E., & Turner II, B. L. (1995). The use and limits of remote sensing for analysing environmental and social change in the Himalayan Middle Mountains of Nepal. *Global Environmental Change*, *5*(4), 367–380.

Multi Stakeholder Forestry Programme (MSFP). 2013. P*ersistence and change: Review of 30 years of community forestry in Nepal*. Kathmandu: MSFC. Retrieved from: [http://www.msfp.org.np/uploads/publications/file/ebook\_interactiv\_20130517095926.pdf. On May 9](http://www.msfp.org.np/uploads/publications/file/ebook_interactiv_20130517095926.pdf.%20On%20May%209), 2014. Ministry of Forests and Social Conservation (MFSC). 2013.

Nagendra, H., Karmacharya, M., & Karna, B. (2005). Evaluating forest management in Nepal: views across space and time. *Ecology and Society*, *10*(1), 24.

Nair, P. R. (1993). *An introduction to agroforestr*y. Springer.

NIDS and World Bank. (2009). Nepal Migration Survey. Kathmandu: NIDS (unpublished).

Ostrom, E. (1990). *Governing the commons: The evolution of institutions for collective action*. Cambridge University Press.

Ostrom, E. (2009). *Understanding institutional diversity*. Princeton University Press.

Perz, S. G., & Skole, D. L. (2003). Secondary forest expansion in the Brazilian Amazon and the refinement of forest transition theory. *Society & Natural Resources*, 16(4), 277–294.

Powell, S. L., Cohen, W. B., Healey, S. P., Kennedy, R. E., Moisen, G. G., Pierce, K. B., & Ohmann, J. L. (2010). Quantification of live aboveground forest biomass dynamics with Landsat time-series and field inventory data: A comparison of empirical modeling approaches. *Remote Sensing of Environment*, *114*(5), 1053-1068.

Prasad, A. M., Iverson, L. R., & Liaw, A. (2006). Newer classification and regression tree techniques: bagging and random forests for ecological prediction. *Ecosystems*, *9*(2), 181-199.

Redford, K. H., & Padoch, C. (1992). *Conservation of neotropical forests: working from traditional resource use*. Columbia University Press.

Roy, D. P., Ju, J., Kline, K., Scaramuzza, P. L., Kovalskyy, V., Hansen, M., ... & Zhang, C. (2010). Web-enabled Landsat Data (WELD): Landsat ETM+ composited mosaics of the conterminous United States. *Remote Sensing of Environment*, *114*(1), 35-49.

Rudel, T. K., Coomes, O. T., Moran, E., Achard, F., Angelsen, A., Xu, J., & Lambin, E. (2005). Forest transitions: towards a global understanding of land use change. *Global Environmental Change*, 15(1), 23–31.

Rudel, T. K. (1998). Is there a forest transition? Deforestation, reforestation, and development. *Rural Sociology*, 63(4), 533–552.

Rudel, T. K., Perez-Lugo, M., & Zichal, H. (2000). When fields revert to forest: Development and spontaneous reforestation in post-war Puerto Rico. *The Professional Geographer*, 52(3), 386–397.

Saksena, S., Fox, J., Spencer, J., Castrence, M., DiGregorio, M., Epprecht, M.,…Vien, T. D. (2014). Classifying and mapping the urban transition in Vietnam. *Applied Geography*, *50*, 80–89.

Seto, K.C., A. Reenberg, C.G. Boone, M. Fragkias, D. Haase, T. Langanke, P. Marcotullio, D.K. Munroe, B. Olah, and D. Simon. (2012). Urban land teleconnections and sustainability *PNAS* 109 (20): 7687-7692.

Sharma, P. (2008). U*nravelling the Mozaic: Spatial Aspects of Ethnicity in Nepa*l, Social Science Baha/Himal Books, Kathmandu.

Sharma, P. (2013). Information base and information system for district governance in Nepal. *Geography of Governance: Dynamics for Local Development* (2013): 243.

Sharma, B. K., Chalise, M. K., & Solanki, G. S. (2013). Large wildlife population in Baghmara Buffer Zone Community Forest, Nepal. *Ecoprint: An International Journal of Ecology*, *18*, 55–62.

Sharma, J. R., & Sharma, S. (2011). *Enumerating Migration in Nepal: A Review*. Centre for the Study of Labour and Mobility.

Slater, J. A., Garvey, G., Johnston, C., Haase, J., Heady, B., Kroenung, G., & Little J. (2006). The SRTM data finishing process and products. *Photogrammetric Engineering and Remote Sensing,* *72*(3), 237–247.

Southworth, J., Nagendra, H., & Cassidy, L. (2012). Forest transition pathways in Asia–studies from Nepal, India, Thailand, and Cambodia. *Journal of Land Use Science*, 7(1), 51–65.

Southworth, J., & Tucker, C. (2001). The influence of accessibility, local institutions, and socioeconomic factors on forest cover change in the mountains of western Honduras. *Mountain Research and Development*, *21*(3), 276–283.

Stainton, J.D.A.*. 1972. Forests of Nepal*. John Murray Publication, London.

Stevens, K., Campbell, L., Urquhart, G., Kramer, D., & Qi, J. (2011). Examining complexities of forest cover change during armed conflict on Nicaragua’s Atlantic Coast. *Biodiversity and Conservation*, 20(12), 2597–2613.

Stueve, K. M., Housman, I. W., Zimmerman, P. L., Nelson, M. D., Webb, J. B., Perry, C. H., ... & Cohen, W. B. (2011). Snow-covered Landsat time series stacks improve automated disturbance mapping accuracy in forested landscapes. *Remote Sensing of Environment*, *115*(12), 3203-3219.

Suwandana, E., Kawamura, K., Sakuno, Y., Kustiyanto, E., & Raharjo, B. (2012). Evaluation of ASTER GDEM2 in comparison with GDEM1, SRTM DEM and topographic-map-derived DEM using inundation area analysis and RTK-dGPS data. *Remote Sensing,* 4(12), 2419–2431. doi:10.3390/rs4082419

Tachikawa, T., Hato, M., Kaku, M., & Iwasaki, A. (2011). Characteristics of ASTER GDEM version 2. In *Geoscience and Remote Sensing Symposium (IGARSS), 2011 IEEE International* (pp. 3657–3660). IEEE.

Tan, B., Wolfe, R., Masek, J., Gao, F., & Vermote, E. F. (2010). An illumination correction algorithm on Landsat-TM data. In *Geoscience and Remote Sensing Symposium (IGARSS), 2010 IEEE International* (pp. 1964–1967). IEEE.

Tiwari, S., & Bhattarai, K. (2011). *Migration, remittances and forests: disentangling the impact of population and economic growth on forests*. Retrieved from https://openknowledge.worldbank.org/handle/10986/3676

Townsend, P. A., Singh, A., Foster, J. R., Rehberg, N. J., Kingdon, C. C., Eshleman, K. N., & Seagle, S. W. (2012). A general Landsat model to predict canopy defoliation in broadleaf deciduous forests. *Remote Sensing of Environment*, *119*, 255–265.

Tucker, J. M., Brondizio, E. S., & Moran, E. F. (1998). Rates of forest regrowth in Eastern Amazonia: a comparison of Altamira and Bragantina regions, Para State, Brazil. *Interciencia*, 23(2), 64–73.

Van Den Hoek, J., Ozdogan, M., Burnicki, A., & Zhu, A. (2014). Evaluating forest policy implementation effectiveness with a cross-scale remote sensing analysis in a priority conservation area of Southwest China. *Applied Geography*, *47*, 177-189.

Vicente-Serrano, S. M., Pérez-Cabello, F. and T. Lasanta. (2008). Assessment of radiometric correction techniques in analyzing vegetation variability and change using time series of Landsat images. *Remote Sensing of Environment* 112(10): 3916-3934.