

Chandra P. Giri

Title: Environmental Scientist

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Education and/or Training

B.S. 1985 Mahendra Morang College, Tribhuvan University, Biratnagar, Nepal, Science
B.S. 1987 Institute of Forestry, Tribhuvan University, Pokhara, Nepal, Forest Conservation
M.S. 1993 Asian Institute of Technology, Bangkok, Thailand, Natural Resources Conservation
Ph.D. 1998 Asian Institute of Technology, Bangkok, Thailand, Remote Sensing and GIS

Areas of Specialization and/or Research Interests

Multi-scale (Global, regional, and local) land/forest cover characterization and mapping, biodiversity characterization, remote sensing and GIS modeling

Professional Experience

2002-Present Environmental Scientist, various contractors, USGS EROS, Sioux Falls, SD, USA
2003-Present Adjunct Faculty, South Dakota State University, Brookings, SD, USA
2000-2002 Senior Staff Associate (Research): Columbia University's Center for International Earth Science Information Network (CIESIN), New York, NY, USA
2000-2002 Adjunct Faculty, Columbia University, New York, NY, USA
1994-2000 Program Specialist, United Nations Environment Programme Environment Assessment Programme (UNEP) for Asia and the Pacific, Bangkok, Thailand
1993-1994 Research Associate, Asian Institute of Technology, Bangkok, Thailand
1980-1989 Forest Officer, Forest Department, His Majesty's Government of Nepal

Professional Activities and/or Memberships

Senior Member, Institute of Electrical and Electronics Engineers (IEEE)
Member, Raster Data Working Group, International Steering Committee on Global Mapping (ISCGM)
Member, American Society of Photogrammetry and Remote Sensing (ASPRS)
Member, American Association of Geographers (AAG)

Significant Recent Publications

Giri, C.P., Reed, B.C., Hastings, D., and Tateishi, R., 2008, Status and future of global GIS database, *in* Manual of GIS, American Association of Photogrammetry and Remote Sensing (In Press).
Giri, C.P., Zhu, Z., Tieszen, L.L., Singh, A., Gillette, S., and Kelmelis, J.A., 2008, Mangrove forest distributions and dynamics (1975-2005) of the tsunami-affected region of Asia: *Journal of Biogeography*, v. 35, no. 3, p. 519-528
Clinton N. Jenkins and Chandra Giri, 2008. Protection of Mammal Diversity in Central America, *Conservation Biology*, Vol: 9999 (9999), online: <http://dx.doi.org/10.1111/j.1523-1739.2008.00974.x>
Stibig, H.-J., Belward, A.S., Roy, P.S., Rosalina-Wasrin, U., Agrawal, S., Joshi, P.K., Hildanus, Beuchle, R., Fritz, S., Mubareka, S., and Giri, C.P., 2007, A land-cover map for South and Southeast Asia derived from SPOT-VEGETATION data: *Journal of Biogeography*, v. 34, no. 4, p. 625-637
Giri, C.P., and Jenkins, C., 2005, Land cover mapping of Greater Mesoamerica using MODIS data: *Canadian Journal of Remote Sensing*, v. 31, no. 4, p. 274-282.
Giri, C.P., Zhu, Z., and Reed, B.C., 2005, A comparative analysis of the Global Land Cover 2000 and MODIS land cover data sets: *Remote Sensing of Environment*, v. 94, no. 1, p. 123-132.