



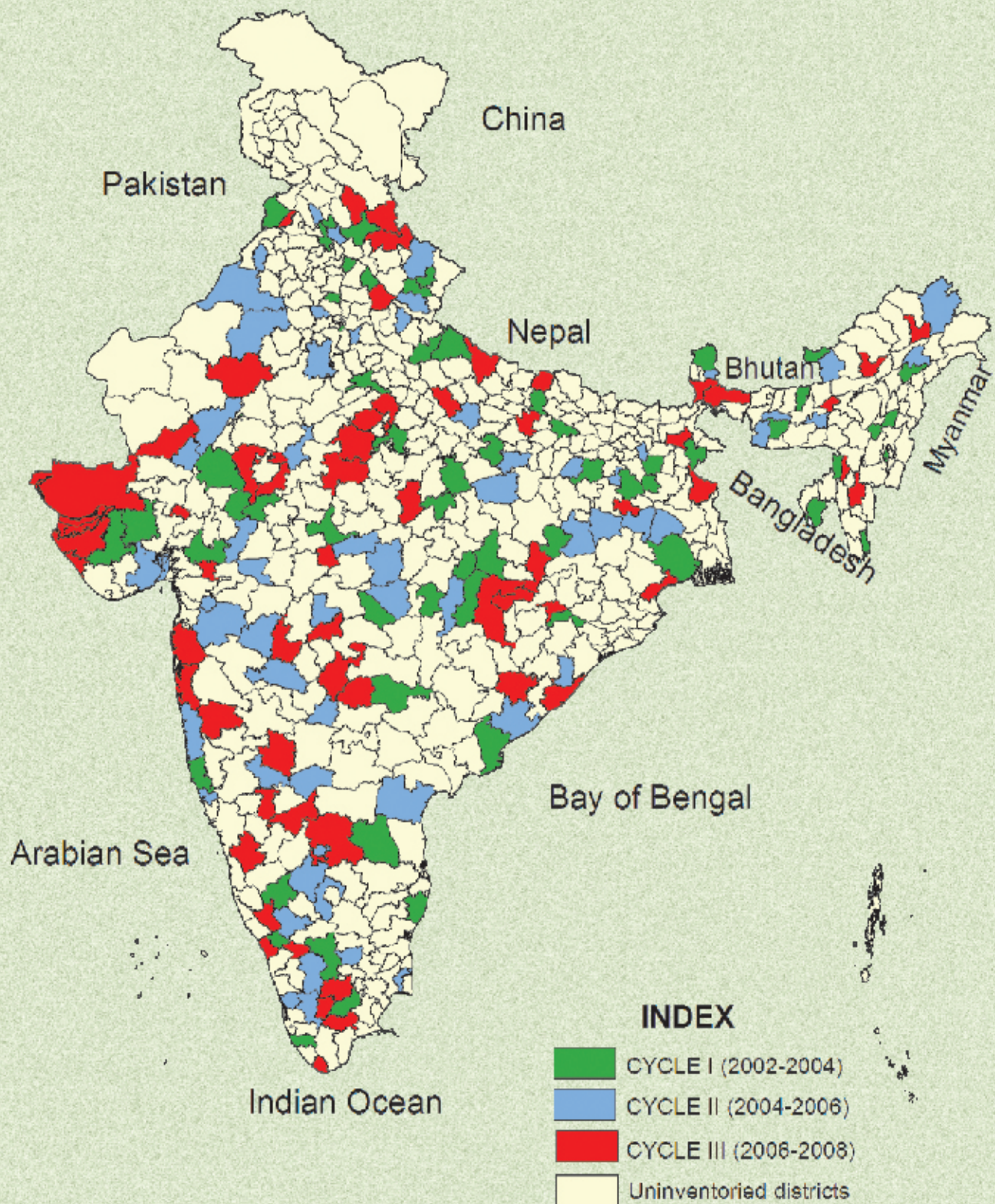
सत्यमेव जयते

CARBON STOCK IN INDIA'S FORESTS



FOREST SURVEY OF INDIA
(Ministry of Environment & Forests)
Dehradun

Inventoried Districts during 2002-2008





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About the report

The present report “Carbon Stock in India's Forest” published by Forest Survey of India for the first time, provides comprehensive account of carbon stock in forests of India. FSI has been estimating growing stock in India's forests on a regular basis as a mandated activity of the organisation since its inception. As a result thereof, FSI has a huge repository of data on growing stock which forms basis for estimation of carbon stock. In the recent years, FSI made suitable changes in its methodology and conducted special studies aimed at serving the data need for carbon estimation as per the international standards.

FSI made the estimation of forest biomass and carbon stock change (for the period 1984-1994) in the year 2001-03 for India's Initial Communication to UNFCCC (referred to as NATCOM I). This estimation was primarily based on woody biomass. Subsequently, in 2008-10 for NATCOM-II, FSI was assigned the task of conducting Green house gas Inventory in forest land remaining forest land and land converted into forest land for the period 1994-2004. Based on this study, net change in carbon stock for a period of 10 years has been worked out. The present report provides detailed account of estimation of carbon in various pools as per the standard methodology provided in IPCC Good Practice Guidance. While doing so, principles laid down in Good Practices for forest carbon accounting have been observed / adhered to. Information so generated and provided in this report, provides a complete, accurate and precise estimation of carbon stock in India's forests in a credible and reliable manner.

The information contained in this report would be of immense use to planners, policy makers, researches and all other stakeholders interested in knowing the role and contribution of forests in carbon sequestration, thus helping them to devise suitable strategies to combat the challenges of climate change.