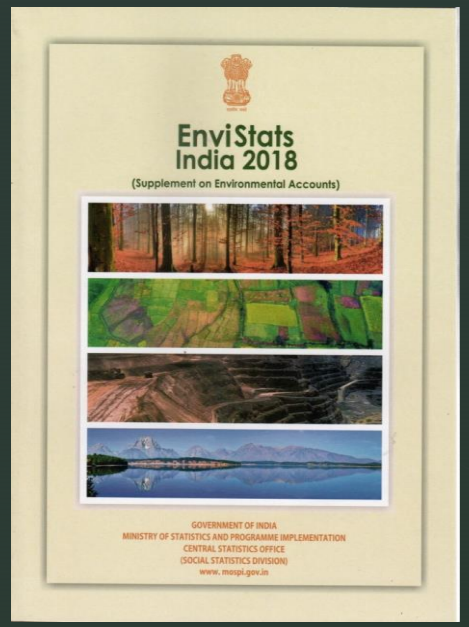
Forum of Experts on SEEA Ecosystem Accounting 2021
7-8 December, 2021

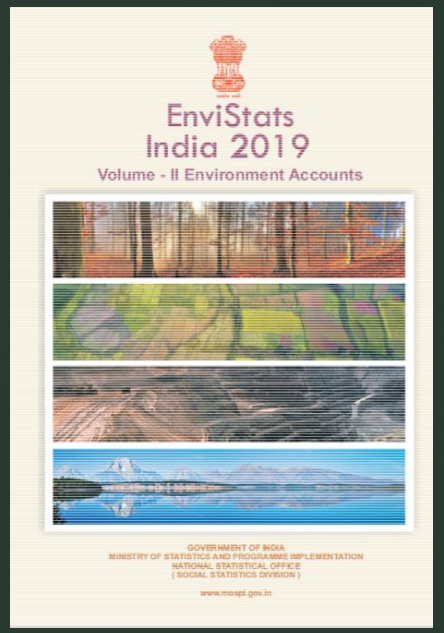
NSO, INDIA

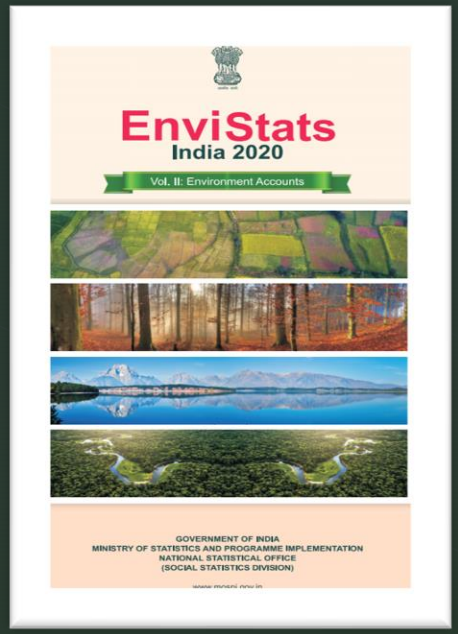
MOSPI

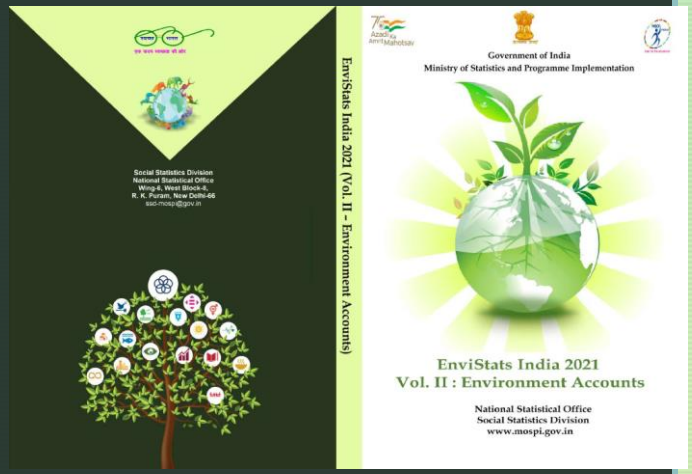
Data for Development

COVERAGE TILL DATE









ECOSYSTEM EXTENT AND CONDITION ACCOUNTS - HIGHLIGHTS

Extent

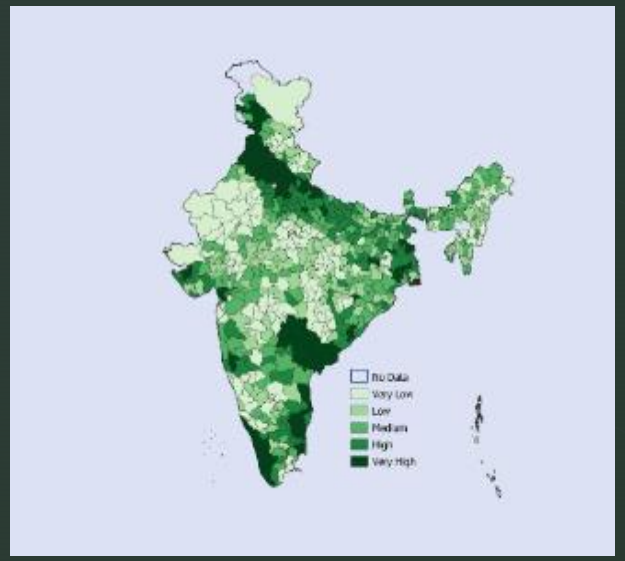
- Asset Account for LULC (2005-06 to 2011-12 and 2011-12 to 2015-16)
- Accounts related to Land Degradation Accounts (2005-06 and 2015-16)
- Extent accounts and Physical Asset Accounts for Forests (2004-05 to 2010-11, 2017)
- Wetlands Extent Accounts (2006-07)

Condition

- State wise Soil Nutrient Index (2015-17, 2017-19 and 2019-20)
- Water Quality Accounts (2015-16 to 2018-19)
- Coastal Water Quality Index (2011-15)
- Condition Accounts of Forests- Biodiversity Assessment, Stock of carbon and Forest Fragmentation. (2017-18)
- Cropland Condition Accounts- intensification, fragmentation and crop diversification (2005-06, 2011-12 and 2015-16)

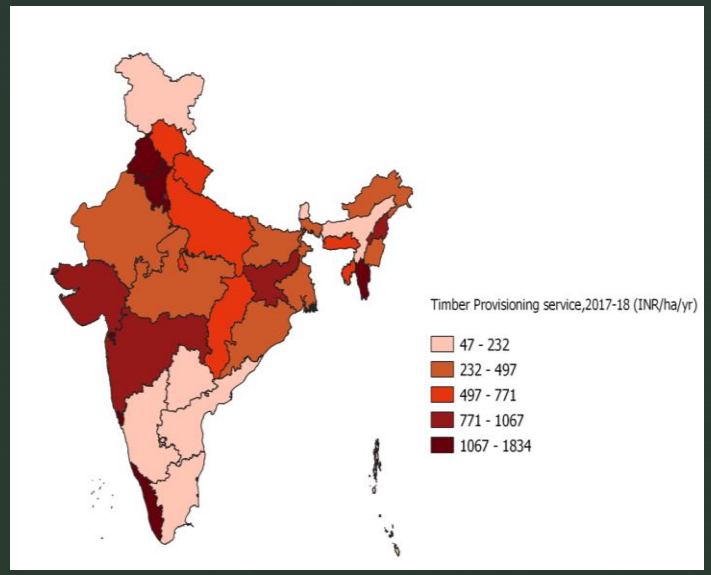
ECOSYSTEM SERVICES (PROVISIONING)- HIGHLIGHTS

Crop Provisioning Services



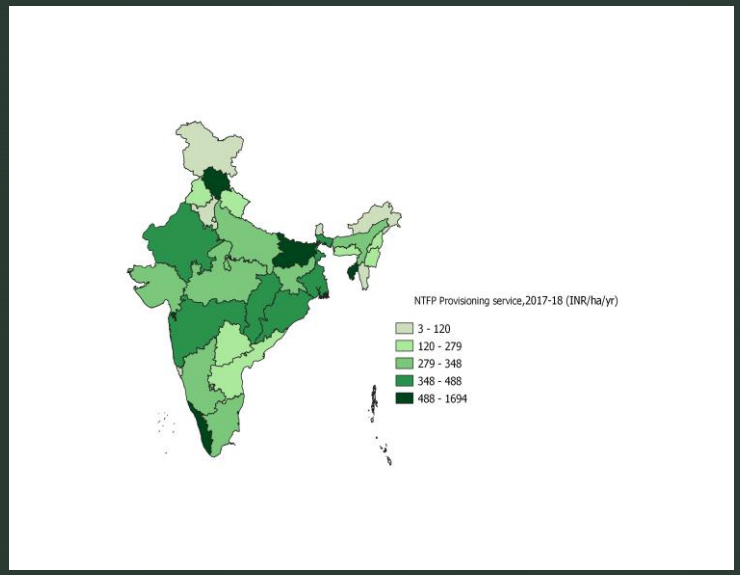
District level estimates of Crop Provisioning Services compiled for 2005-06 to 2017-18 using data from M/o Agriculture

Timber Provisioning Services



State wise estimates of Timber Provisioning services compiled for 2011-12 to 2017-18 using information from NA

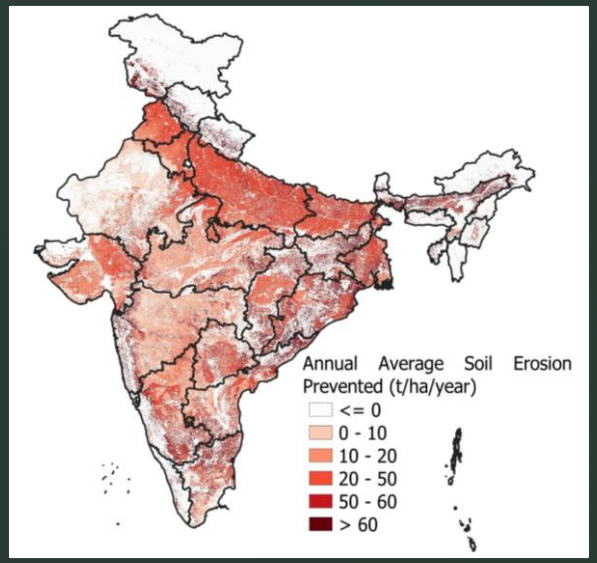
NTFP Provisioning Services



State wise estimates of NTFP Provisioning services compiled for 2011-12 to 2017-18 using information from NA

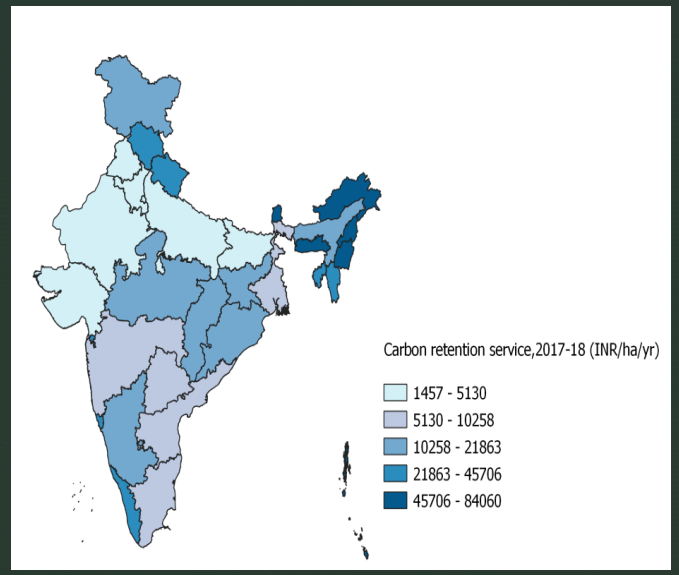
ECOSYSTEM SERVICES (REGULATING & CULTURAL) - HIGHLIGHTS

Soil Erosion Prevention Services



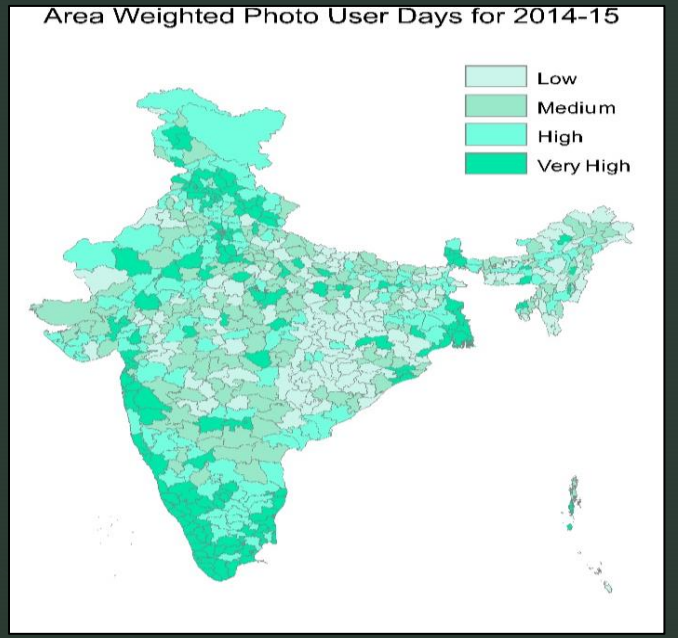
State wise estimates of Soil Erosion Prevention Services provided by croplands compiled for 2005-06, 2011-12 and 2015-16 using data from NRSC LULC datasets and global data

Carbon Retention Services



State wise estimates for the Carbon retention Service for 2015-16 and 2017-18 compiled using information from the ISFR published by FSI.

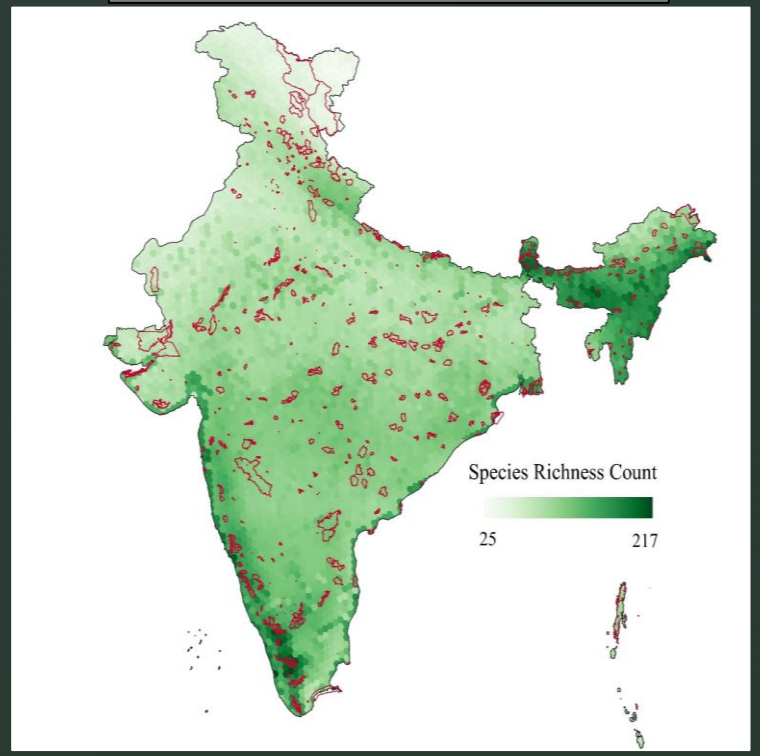
Nature Based Tourism Services



State wise estimates of the Nature based tourism services derived for 2008-09 and 2014-15 using data from M/o Tourism, NSS, Flickr.

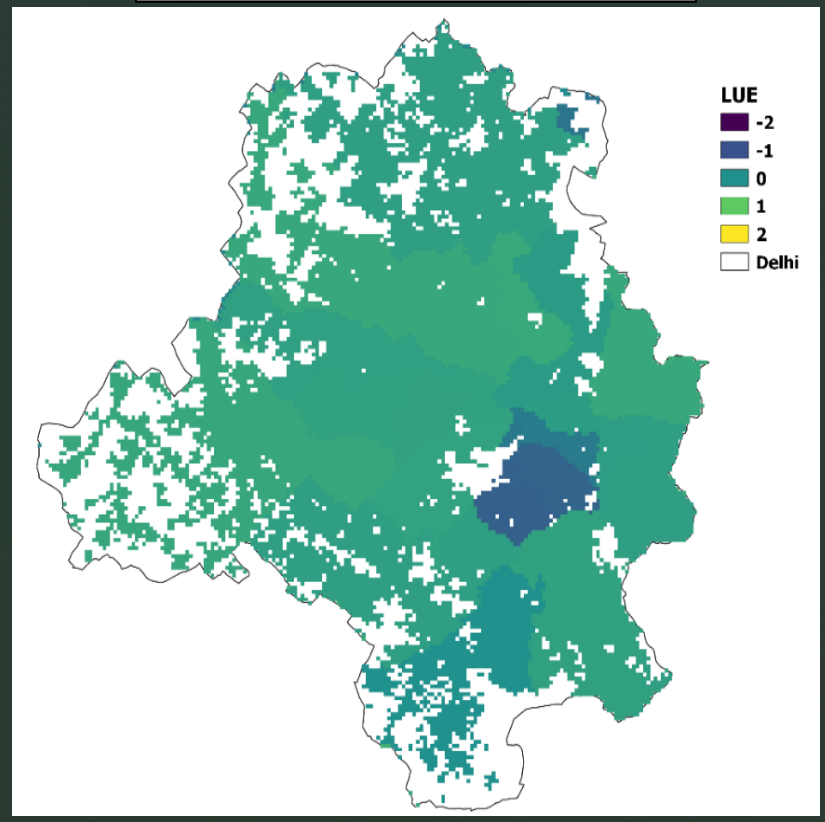
OTHERS

Biodiversity



Species Richness Map of IUCN Red List Species for versions 2020-2, 2020-3, 2021-1 using IUCN Red List toolbox for ArcMap

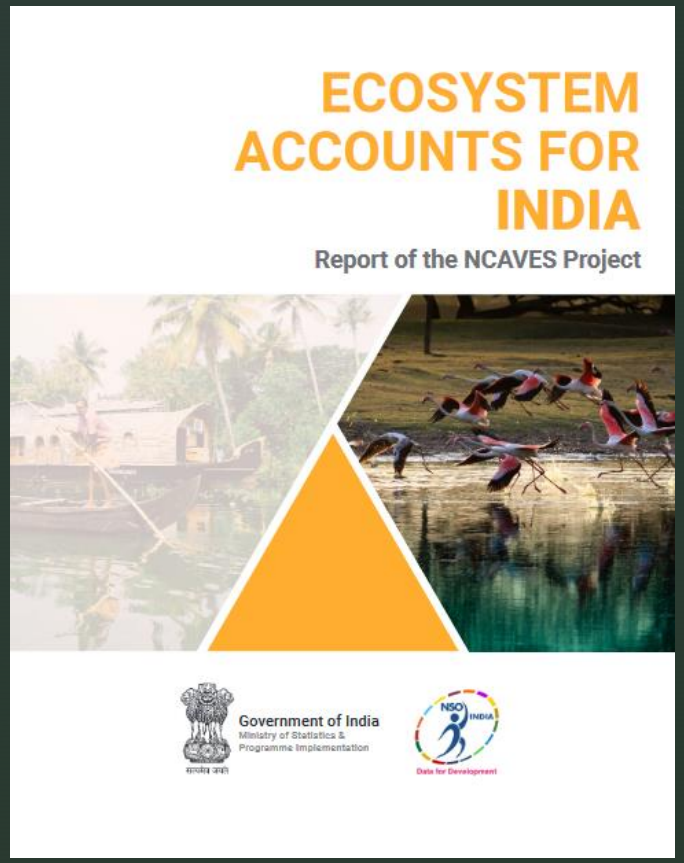
SDG-11.3.1



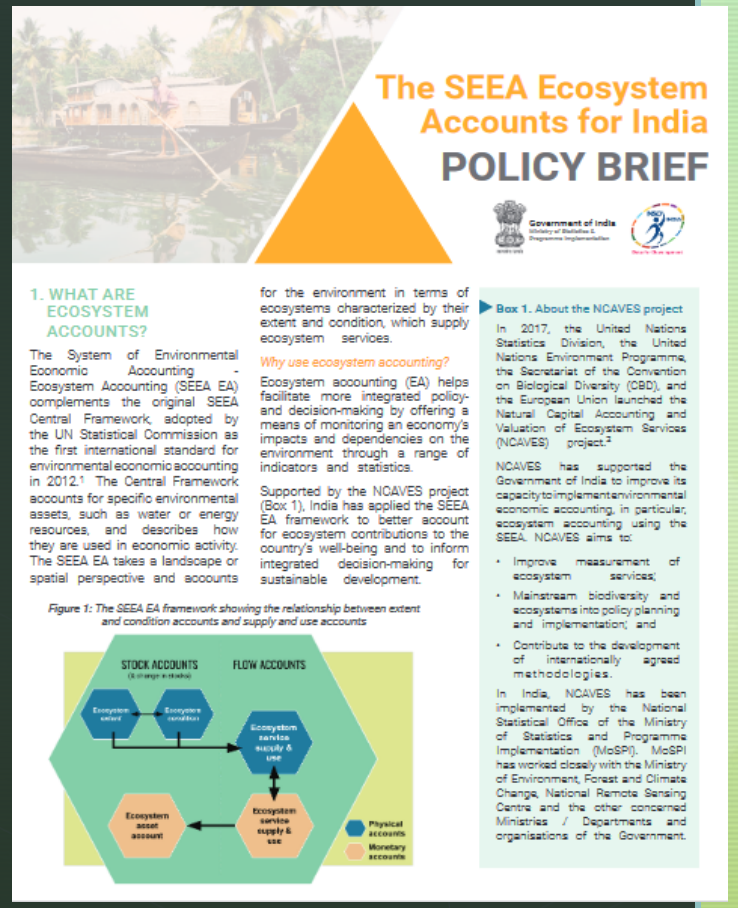
Estimates for SDG-11.3.1 compiled for 52 million plus cities using GHSL data for 2000 and 2015.

OTHER ACTIVITIES AND REPORTS

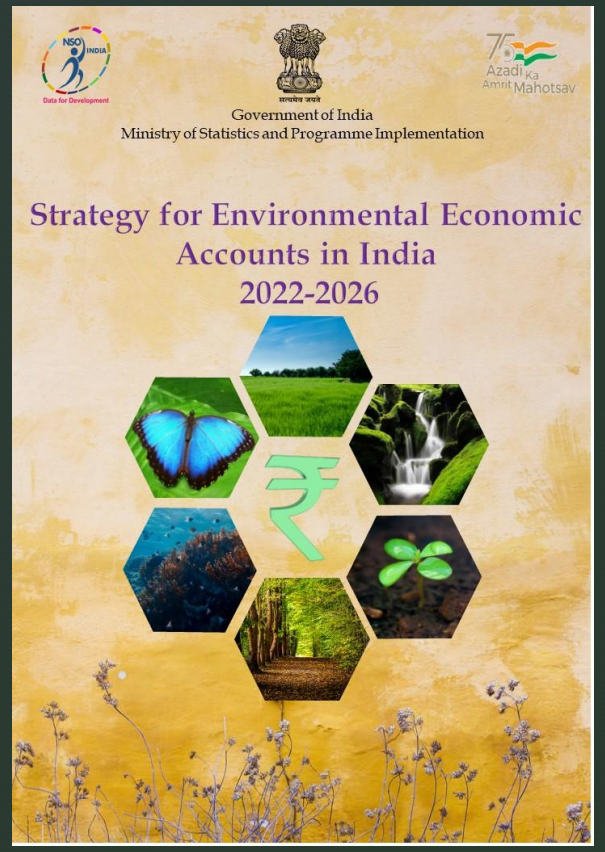
India EVL Tool



Pilot Study of Ecosystem Accounting conducted in Karnataka



STRATEGY FOR THE ENVIRONMENTAL ECONOMIC ACCOUNTING IN INDIA 2022-2026



- NSO, India released the Strategy for Environmental Economic Accounting.
- To provide a road–map for development of Environmental Economic Accounting in India.


THANK YOU :)