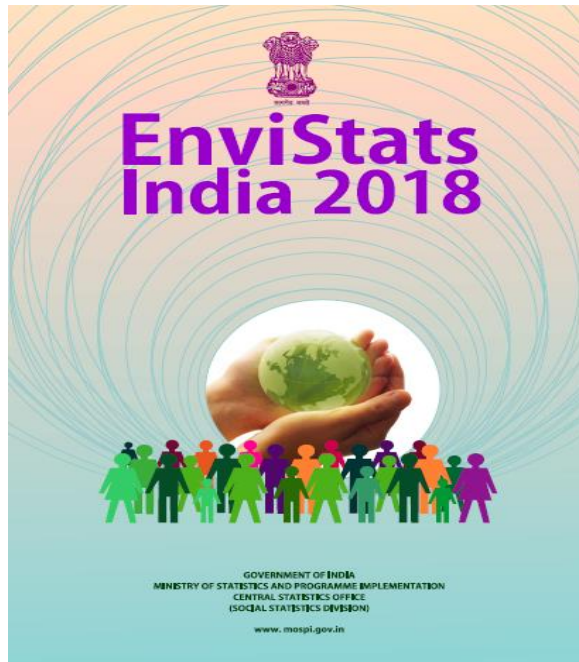




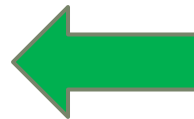
**National indicator
initiatives and its
linkage to SESA:
India Experience**



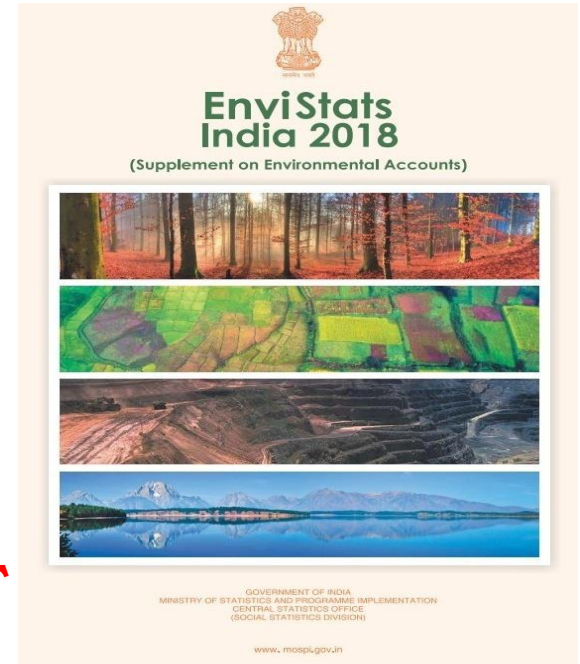
Implementation of FDES and SEEA-CF



Based on FDES



Based on SEEA-CF



Available at

<http://www.mospi.gov.in/publication>



SDGs, FDES and SEEA-CF

- Almost half of the SDG targets require environment statistics in order to be able to compile its indicators and enable regular monitoring of progress.
- FDES 2013 and SEEA have a strong linkage with the SDG indicator framework.
- 79 Global Indicators and 116 National Indicators relate to Environment addressing the various targets of SDGs.
- In the context of SEEA, several indicators can be compiled from SEEA accounts.





SOME ILLUSTRATIONS

Illustration-1

- **Target 6.6:** By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes
 - *Global Indicator 6.6.1: Change in the extent of water-related ecosystems over time*
 - *National Indicator 6.6.3 : Biological assessment information of surface water bodies.*
 - Proposed to be derived from quality accounts prescribed under SEEA Water.
- **Present Status:**
 - Efforts underway for working out the methodology for assessment of water quality for surface/ground/marine water along with parameters, their weights and standards/missible limits.
 - Methodology for development of WQI and accounts are in the final stage.



Illustration-2

- **Target 11.7:** By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities
 - *Global Indicator 11.7.1: Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities*
 - *National Indicator 11.3.2: Share of Mixed Land Use Area in overall city land use*
 - *National Indicator 11.7.1: Per Capita Availability of Green Spaces*
 - Proposed to be derived from SEEA Urban Ecosystem Account.
- **Present Status:**
 - Data obtained under National Urban Information System of the National Remote Sensing Centre is being examined for compilation of select urban areas.

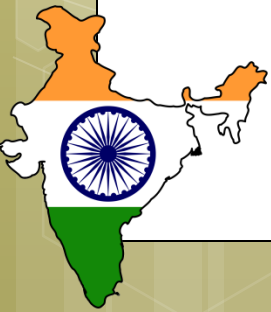


Illustration-3

- **Target 15.2:** By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally
 - *Global Indicator 15.2.1: Progress towards sustainable forest management*
 - *National Indicators*
 - *15.2.1 : Percentage change in Forest cover*
 - *15.2.2 : Total area covered under different afforestation schemes*
 - *15.2.3 : Total tree cover achieved outside forest area*
 - Related to SEEA – Forest Ecosystem Account
- Present Status:
 - Information is already part of the publication on Environment statistics; will be incorporated into Forest Accounts



Illustration-4

- **Target 15.3:** By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world
 - *Global Indicator 15.3.1: Proportion of land that is degraded over total land area*
 - *National Indicator 15.3.1: Percentage of degraded area*
 - Proposed to be derived from SEEA Land Account and soil condition account.
- **Present Status:**
 - Land degradation Atlas 2011-13/ NRSC LULC 2011-12 is available. Land degradation atlas and LULC 2015-16 are being release shortly.
 - India is also participating in the exercise of developing soil condition account using the S-World model developed by Wageningen University, Netherland.



Illustration-5

- **Target 15.3:** By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development
 - *Global Indicator 15.4.2: Mountain Green Cover Index*
 - *National Indicator 15.4.1: Increase in forest / vegetative cover in hilly districts*
 - Proposed to be derived from SEEA Forest Accounts
- Present Status:
 - Information is already part of the publication on India State of Forest Report; will be incorporated into Forest Accounts



Illustration-6

- **Target 14.1:** By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution
 - *Global Indicator 14.1.1: index of coastal eutrophication and floating plastic debris density (Still a Tier III indicator)*
 - *National Indicator 14.1.1: Coastal Water Quality Index*
 - Proposed to be derived from quality accounts prescribed under SEEA Water.
- Present Status:
 - Efforts underway for working out the methodology for assessment of water quality for surface/ground/marine water along with parameters, their weights and standards/permissible limits.
 - Methodology for development of WQI and accounts are in the final stage.



Thanks

