

## CALL FOR RESEARCH PROPOSALS FOR ECOSYSTEM ACCOUNTING

The Report of the Expert Group on “Green National Accounting for India” under Sir Partha Dasgupta, to get the SEEA-Central Framework implemented in India stressed on the integration of the natural capital alongside other forms of capital in national accounts. The following three components had been suggested for this incorporation:

- 1) Output to be expanded to include unreported production of goods and services from natural resources;
- 2) Capital formation to include accumulation of natural assets and their depletion or degradation; and
- 3) Consumption of capital to include the cost of depletion and degradation of natural resources.

2. The Ministry of Statistics & Programme Implementation invites proposals from Institutes for estimation of the above three components for one or more of the following ecosystems at the national level.

a) Riverine ecosystems

- i. Himalayan Rivers
- ii. Peninsular Rivers

b) Forests

- i. Tropical Moist Forests
- ii. Tropical Dry Forests
- iii. Montane Subtropical Forests
- iv. Temperate Montane Forests
- v. Alpine and Sub Alpine Forests

c) Cropland

- i. Un-irrigated or rain-fed cropland
- ii. Irrigated cropland
- iii. Permanent crops, agriculture plantations and others

3. The study is expected to make use of the **existing** datasets including the remote sensing datasets and/or research studies to arrive at a bio-physical model for the valuation of ecosystem condition and services. The deliverables of the study are as under:

- a) Determine the indicators for extent and condition of the ecosystem as also the services derived from them;
- b) Valuation of the asset for a reference year taking into account the changes in the extent and condition;

- c) Valuation for each of the services produced by the ecosystem for the reference year; and
- d) Estimation of the cost of depletion and degradation of natural resources for the reference year.

4. A detailed report giving the methodology, including the data sources and models used, as also the estimates for the reference year, should be submitted within a period of **three months** from the date of commissioning the study.

#### **Who are eligible to apply?**

5. Academic institutions, Universities, National Institutes, reputed non-governmental organizations and voluntary bodies, private organizations including industry (both NGOs, voluntary bodies and private organizations including industry have to be registered as a research institution with the Government of India).

#### **How to apply?**

6. Proposals should be made in the prescribed application format given in the "Guidelines on Research Study/Seminar (GRANT - IN - AID SCHEME)" which are available on the Ministry's website at

[http://mospi.nic.in/sites/default/files/main\\_menu/training/Guidelines\\_grantInAid\\_scheme.pdf](http://mospi.nic.in/sites/default/files/main_menu/training/Guidelines_grantInAid_scheme.pdf)

Proposals prepared by the Principal Investigator (PI) should be forwarded by the Head of the Institution. If the project is a joint venture then it should be explicitly mentioned.

#### **Submission of proposals:**

7. The five hard copies of the proposals are required to be submitted by Principal Investigators for the office use through Registered/Speed Post by April 30, 2018 to the address given below.

#### **Additional Director General**

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