

List of Priority areas identified by the Standing Committee on Bio-resources and Environment (SC-B)

1. Environmental impact of coal mines in Jharia Raniganj Coal Belt.
2. Studies related to the impact of iron ore mining in Goa.
3. Remote sensing studies of the environmental impact of mining bauxite and chromite mines in east coast areas.
4. Impact of industrialisation on landuse in Madras Metropolitan areas.
5. Changes in landuse because of urban spread and industrialisation in Ahmedabad-Vapi region.
6. Impact of super thermal power station and mining activities on environment.
7. Impact of industrialisation on environment in Indore-Dewas-Ujain region of Madhya Pradesh.
8. Study of iron ore mining Bailadilla.
9. Study of air pollution and environmental monitoring.
10. Monitoring of coastal environment.
11. Monitoring of Pushkar Valley Ecosystem.
12. Environmental impact on coastal wetland on Vedaraniyam and Kutch.
13. Ecological assessment of areas in North-eastern region.
14. Vegetation in coastal area.
15. National wetlands identification and mapping for conservation plans.
16. Nation-wide mangroves identification and mapping.
17. Identification of land slide prone areas for conservation.
18. Mapping and monitoring of biosphere reserves.
19. Monitoring of Amjhore Pyrite mining.
20. Environmental impact of mining in Singrauli coal fields.
21. Monitoring of lime stone mining in Paonta Sahib.
22. Environmental impact of long pipelines.
23. Impact of hydro-electric dams on vegetation.
24. Monitoring of environmental pollution in Chandigarh.
25. Development of Lidar for monitoring environmental pollution.
26. Monitoring of natural resources in Doon Valley.
27. Chatra Valley project.
28. Bhutan Brahmaputra region.
29. Estimation of grasslands and its productivity in hills.
30. Biomass estimation of conifer Forests.
31. Forest biomass in Andamans.
32. Vegetation in Rajasthan.
33. Biomass of teak forests.
34. Eco-regeneration of Western Ghats.
35. Identification and mapping of coral reefs.
36. Vegetation cover mapping of Andaman, Nicobar and Lakshadweep islands.
37. Remote sensing training and education.
38. National wetlands identification and mapping for conservation plans.

39. Nationwide mangroves identification and mapping.
40. Identification and mapping of coral reefs.
41. Nationwide grassland mapping. However, this project will be considered after results of the 3 studies initiated by Deptt. of Space are available.
42. Nationwide forest cover type mapping - this project may be taken up by FSI.
43. Monitoring and identification of shifting cultivation area in the North Eastern region - this project may be taken up by FSI.
44. Identification and extent of terraced cultivation in parts of Northern Himalayas - this project should be referred to Standing Committee on Agriculture and Soil.
45. Monitoring and assessment of afforestation programmes - this should be discussed with National Wasteland Development Mission.
46. Deforestation mapping and monitoring - this should be taken up by FSI.
47. Monitoring of desertification in North-western India - To be considered after consulting CAZRI.
48. Identification of land slide prone areas for conservation.
49. Mapping and monitoring of river migration and loss of land areas this project should be referred to Standing Committee on Water Resources.
50. Wildlife Habitat Evaluation in National Park - this may be discussed with wildlife institute.
51. Mapping and monitoring of Biosphere Reserves.
52. Multistage estimation of forest volumes - this should be taken up by FSI.
53. Biomass estimation studies.
54. Vegetation cover mapping of Andainans, Nicobar and Lakshadweep Islands - this should be taken up by FSI.
55. Development of forest resources information system has already been taken up by Ministry of Environment & Forests.
56. Remote sensing training and education - needs for the same should be ascertained from the State user agencies. This is, however, immediately needed for training on the use of remote sensing technology for wildlife conservation.