

**NATIONAL BUREAU OF SOIL SURVEY AND LAND USE PLANNING  
AMRAVATI ROAD : NAGPUR-440 033**

**Research Advisory Committee (RAC) (2008-10)**

1. Dr. I.V. Subba Rao	Chairman
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4. Shri Chandrashekhar Kolhe	Member
5. Shri Nilkanth Laxmanrao Ande	Member
6. Dr. Dipak Sarkar	Member
7. Dr. Sohan Lal	Member Secretary

**RAC Recommendations (2008-10)**

**Suggestions / Recommendations**

Based on the deliberations made in the meeting the following points of recommendations are emerged.

1. The mandate of the Bureau may be revised / modified as dynamic change has occurred in the global context. The toning and reorientation of the Bureau may be attempted to enhance its projection.
2. All efforts are to be made to revitalize/constitute State Soil Survey Coordination in all the states and union territories to have a proper linkage in soil survey, correlation and classification and also avoiding overlapping of soil survey areas.
3. The pace of soil correlation should be accelerated through the network of the Regional Centres of the Bureau and other central organizations and state soil survey organizations.
4. Bureau may take a lead in the merging of the soil survey and some aspects of the soil testing to enhance the utility of the survey to user agencies.
5. Soil database may be strengthened, stored for dissemination to user agencies.
6. The interpretation part like land capability and land irrigability classification may be refined under Indian conditions. The land evaluation framework of FAO may be converted into a system under Indian condition for its wider application.
7. The Bureau should concentrate on scientific studies on soil classification, soil related environment and climate, peri-urban agriculture commercial agriculture and horticulture.
8. Remote sensing is an excellent tool for preparation of resource inventory but ground truth is absolutely necessary which may be taken up invariably in all the cases.
9. Studies and monitoring of land degradation may be taken up. The problems of soil pollution and effect of heavy metals in the soil may be studied thoroughly as the heavy metals are injurious to health for all living organisms and coming them in the food chain is harmful. The studies of their proper disposed may also be taken up.
10. The land use planning should be taken up at various levels, *viz.* village, district, state, region and country level.

11. Land use plans may be prepared involving the users, stakeholders, soil scientists, agronomists, hydrologists, economists and social scientists etc.
12. Some of the ideal models on land use planning may be prepared as guiding force.
13. Land use should be decided mostly by the socio-economic factors especially with fluctuation of the market.
14. Instead of following crops and cropping systems, the Bureau should concentrate on farming systems involving components of animals, fisheries, poultry etc.
15. High priority may be given to documentation and publicity. The soil data and recommendations of the Bureau may be prepared and issued for wide circulation.
16. The component of Human Resource Development on education and training may be taken up on priority.
17. Staff strength may be maintained keeping mandate and targets of the Bureau.