

**DENR Administrative Order
No. 2000 – 13
February 09, 2000**

**SUBJECT : Guidelines on the Implementation
of the Biodiversity Monitoring
System (BMS) in Protected Areas**

Pursuant to Republic Act No. 7586 (NIPAS Act) and its Implementing Rules and Regulations, in line with the Philippine commitment to the Convention on Biological Diversity, and in order to provide up-to-date and comparable information on resources as basis for the management of protected areas, the following guidelines on the implementation of the Biodiversity Monitoring System (BMS) in protected areas is hereby promulgated.

Section 1. Objectives. The BMS aim to:

- 1.1 Provide simple, cost-effective, and standardized methods in monitoring the trends in population of indicator/priority species and land uses in protected areas;
- 1.2 Systematically generate up-to-date information necessary for effective and efficient management of protected areas;
- 1.3 Involvement of local communities and other stakeholders in the generation of information; and,
- 1.4 Strengthen the capabilities of the protected area staff, other concerned DENR personnel, selected members of the Protected Area Management Board (PAMB) and local communities in the data collection, analysis and interpretation.

Sec. 2 Scope. The BMS shall be implemented in all protected areas and shall therefore be part of the regular activities in protected area management.

Sec. 3 Definition of Terms. As used in this Order, the following shall be construed as:

Biodiversity - the variety and variability among living organisms and ecological complexes in which they occur

Indicator/priority species for biodiversity - a parameter which points to, provides information about, describes the state of biodiversity of a protected area

Sec. 4 Procedure in the BMS Implementation.

The BMS shall have the following phases:

4.1 Training. The Protected Areas and wildlife Bureau (PAWB) shall conduct the Trainers' Training Program. The Regional Offices shall conduct subsequent trainings. Training participants shall include but not limited to the following:

- 4.1.1** Protected Area Superintendent (PASu) and PA Staff;
- 4.1.2** Concerned CENRO representatives;
- 4.1.3** Concerned PENRO representatives;
- 4.1.4** Regional Protected Area and Wildlife staff;
- 4.1.5** PAMB representatives; and,
- 4.1.6** Local community representatives

The DENR-Human Resource Management Services shall include the training of BMS in its concerned training programs.

4.2 On-Site Implementation. The BMS shall be implemented by the PASu and staff using prescribed methods by DENR-PAWB.

4.3 Submission of BMS Reports. The PASu, thru the CENRO, if needed, and PENRO concerned, shall submit the BMS report to the Regional Executive Director, for endorsement to the PAWB Director. The PAWB Director shall submit an annual consolidated BMS report to the Secretary. The schedule of the submission of the BMS reports shall coincide with the submission of regular quarterly CENRO and PENRO reports.

The PASu shall also regularly submit reports to the PAMB on the results of the BMS implementation. The information provided by the PASu shall be used as basis by the PAMB in coming up with management decisions for its concerned protected area.

4.4 Monitoring and Evaluation. The Regional Offices and PAWB shall undertake the annual monitoring and evaluation of the implementation of the BMS. The monitoring and evaluation of BMS results shall be done on a quarterly basis.

Sec. 5 Fund Allocation. The Regional Offices shall allocate the necessary funding for the implementation of the BMS activities.

Sec. 6 Effectivity. This Order takes effect immediately.

(Sgd.) ANTONIO H. CERILLES
Secretary