

**MINISTRY OF ENVIRONMENT AND FORESTS****DEMAND NO.30****Ministry of Environment and Forests**

A. The Budget allocations, net of recoveries, are given below:

		(In crores of Rupees)								
Major Head	Budget 2006-2007			Revised 2006-2007			Budget 2007-2008			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	1327.92	167.71	1495.63	1213.39	170.72	1384.11	1339.96	177.99	1517.95	
Capital	11.01	13.50	24.51	11.61	10.49	22.10	11.04	10.01	21.05	
<b>Total</b>	<b>1338.93</b>	<b>181.21</b>	<b>1520.14</b>	<b>1225.00</b>	<b>181.21</b>	<b>1406.21</b>	<b>1351.00</b>	<b>188.00</b>	<b>1539.00</b>	
1. Secretariat-Economic services	3451	...	13.41	13.41	...	14.40	14.40	...	15.32	15.32
<b>Forestry and Wildlife</b>										
2. Education and Training										
2.01 State Forest Ranger's College	2406	2.95	2.77	5.72	2.74	2.70	5.44	2.05	2.79	4.84
	4406	0.50	...	0.50	0.92	...	0.92	0.45	...	0.45
<b>Total</b>		<b>3.45</b>	<b>2.77</b>	<b>6.22</b>	<b>3.66</b>	<b>2.70</b>	<b>6.36</b>	<b>2.50</b>	<b>2.79</b>	<b>5.29</b>
2.02 Indira Gandhi National Forest Academy	2406	4.30	3.00	7.30	4.37	2.70	7.07	1.20	3.03	4.23
	4406	0.45	...	0.45	0.45	...	0.45	0.45	...	0.45
<b>Total</b>		<b>4.75</b>	<b>3.00</b>	<b>7.75</b>	<b>4.82</b>	<b>2.70</b>	<b>7.52</b>	<b>1.65</b>	<b>3.03</b>	<b>4.68</b>
2.03. Training of I.F.S.	2406	1.50	...	1.50	1.50	...	1.50	1.35	...	1.35
2.04. Indian Institute of Forestry Management	2406	5.00	1.25	6.25	6.77	1.15	7.92	6.00	1.25	7.25
<b>Total- Education and Training</b>		<b>14.70</b>	<b>7.02</b>	<b>21.72</b>	<b>16.75</b>	<b>6.55</b>	<b>23.30</b>	<b>11.50</b>	<b>7.07</b>	<b>18.57</b>
3. Research										
3.01 Indian Council of Forestry Research and Education	2406	51.00	15.55	66.55	55.03	17.05	72.08	54.00	15.55	69.55
3.02 Indian Plywood Industries Research Institute	2406	3.05	1.34	4.39	4.25	1.32	5.57	4.00	1.34	5.34
<b>Total</b>		<b>54.05</b>	<b>16.89</b>	<b>70.94</b>	<b>59.28</b>	<b>18.37</b>	<b>77.65</b>	<b>58.00</b>	<b>16.89</b>	<b>74.89</b>
4. Survey and Utilisation of Forest Resources - Forest Survey of India	2406	4.86	6.67	11.53	5.36	5.79	11.15	0.43	6.88	7.31
	4406	0.14	...	0.14	0.14	...	0.14	0.23	...	0.23
<b>Total</b>		<b>5.00</b>	<b>6.67</b>	<b>11.67</b>	<b>5.50</b>	<b>5.79</b>	<b>11.29</b>	<b>0.66</b>	<b>6.88</b>	<b>7.54</b>
5. Forest Conservation, Development and Regeneration										
5.01 Regeneration-Strengthening of Forest Divisions	2406	5.00	...	5.00	6.65	...	6.65	1.15	...	1.15
	4406	0.50	...	0.50	0.75	...	0.75	0.50	...	0.50
<b>Total</b>		<b>5.50</b>	<b>...</b>	<b>5.50</b>	<b>7.40</b>	<b>...</b>	<b>7.40</b>	<b>1.65</b>	<b>...</b>	<b>1.65</b>
5.02 Integrated Forest Protection Scheme	2406	1.55	...	1.55	1.27	...	1.27	1.03	...	1.03
	3601	45.00	...	45.00	30.00	...	30.00	46.50	...	46.50
	3602	0.10	...	0.10	0.10	...	0.10	0.10	...	0.10
<b>Total</b>		<b>46.65</b>	<b>...</b>	<b>46.65</b>	<b>31.37</b>	<b>...</b>	<b>31.37</b>	<b>47.63</b>	<b>...</b>	<b>47.63</b>
5.03 Gregarious Flowering of Muli Bamboos (Melocanna baccifera) (Earmarked for North Eastern Region)	2552	25.00	...	25.00	25.00	...	25.00	27.00	...	27.00
<b>Total- Forest Conservation, Development and Regeneration</b>		<b>77.15</b>	<b>...</b>	<b>77.15</b>	<b>63.77</b>	<b>...</b>	<b>63.77</b>	<b>76.28</b>	<b>...</b>	<b>76.28</b>
6. Wildlife Preservation										
6.01 Wildlife Institute of India	2406	10.00	1.49	11.49	12.00	1.56	13.56	11.00	1.58	12.58
6.02 Project Tiger	2406	1.00	...	1.00	2.55	...	2.55	1.50	...	1.50
	3601	28.50	...	28.50	28.50	...	28.50	60.00	...	60.00
<b>Total</b>		<b>29.50</b>	<b>...</b>	<b>29.50</b>	<b>31.05</b>	<b>...</b>	<b>31.05</b>	<b>61.50</b>	<b>...</b>	<b>61.50</b>
6.03 Strenthening of Wildlife Division & Consultancies for Special Tasks	2406	3.00	...	3.00	2.60	...	2.60	4.58	...	4.58

		(In crores of Rupees)									
Major Head		Budget 2006-2007			Revised 2006-2007			Budget 2007-2008			
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
6.04	Project Elephant	2406	0.50	...	0.50	0.50	...	0.50	0.18	...	0.18
		3601	12.59	...	12.59	12.59	...	12.59	14.00	...	14.00
	<i>Total</i>		<i>13.09</i>	...	<i>13.09</i>	<i>13.09</i>	...	<i>13.09</i>	<i>14.18</i>	...	<i>14.18</i>
6.05	Central Zoo Authority	2406	14.00	...	14.00	17.63	...	17.63	14.00	...	14.00
6.06	Assistance for Development of National Parks and Sanctuaries	2406	1.00	...	1.00	1.00	...	1.00	1.00	...	1.00
		3601	48.00	...	48.00	48.00	...	48.00	56.00	...	56.00
	<i>Total</i>		<i>49.00</i>	...	<i>49.00</i>	<i>49.00</i>	...	<i>49.00</i>	<i>57.00</i>	...	<i>57.00</i>
6.07	Protection of Wildlife outside protected areas	2406	0.10	...	0.10	...	...	...	...	...	...
6.08	Welfare of Animals	2406	19.00	0.80	19.80	21.09	0.79	21.88	21.00	0.80	21.80
6.09	Bio-diversity Conservation and Rural Livelihood Improvement Project (EAP)	2406	3.00	...	3.00	3.00	...	3.00	1.00	...	1.00
		3601	...	...	...	...	...	...	2.00	...	2.00
<b>Total - Wildlife Preservation</b>			<b>140.69</b>	<b>2.29</b>	<b>142.98</b>	<b>149.46</b>	<b>2.35</b>	<b>151.81</b>	<b>186.26</b>	<b>2.38</b>	<b>188.64</b>
7.	Zoological Park	2406	0.60	4.16	4.76	0.74	5.19	5.93	0.60	5.57	6.17
		4406	0.40	...	0.40	0.81	...	0.81	0.40	...	0.40
	<i>Total</i>		<i>1.00</i>	<i>4.16</i>	<i>5.16</i>	<i>1.55</i>	<i>5.19</i>	<i>6.74</i>	<i>1.00</i>	<i>5.57</i>	<i>6.57</i>
8.	International Cooperation	2406	...	1.25	1.25	...	1.25	1.25	...	1.26	1.26
9.	<i>National Afforestation and Eco-development Programme</i>										
9.01	National Afforestation and Eco-development Board	2406	20.00	...	20.00	14.22	...	14.22	16.04	...	16.04
9.02	National Afforestation Programme	2406	274.58	...	274.58	225.65	...	225.65	304.55	...	304.55
		3601	0.42	...	0.42	...	...	...	...	...	...
	<i>Total</i>		<i>275.00</i>	...	<i>275.00</i>	<i>225.65</i>	...	<i>225.65</i>	<i>304.55</i>	...	<i>304.55</i>
9.03	Andaman and Nicobar Islands Forest and Plantation Development Corporation	6406	...	13.50	13.50	...	10.49	10.49	...	10.01	10.01
9.04	Afforestation through PRIs (NCMP-related scheme)	2406	0.10	...	0.10	0.10	...	0.10	0.10	...	0.10
<b>Total - National Afforestation and Eco-development Programme</b>			<b>295.10</b>	<b>13.50</b>	<b>308.60</b>	<b>239.97</b>	<b>10.49</b>	<b>250.46</b>	<b>320.69</b>	<b>10.01</b>	<b>330.70</b>
<b>Total- Forestry and Wildlife</b>			<b>587.69</b>	<b>51.78</b>	<b>639.47</b>	<b>536.28</b>	<b>49.99</b>	<b>586.27</b>	<b>654.39</b>	<b>50.06</b>	<b>704.45</b>
<b>Ecology and Environment</b>											
10.	<i>Survey</i>										
10.01	Botanical Survey of India	3435	8.00	14.98	22.98	8.00	13.83	21.83	0.36	15.74	16.10
		5425	3.00	...	3.00	2.00	...	2.00	3.00	...	3.00
	<i>Total</i>		<i>11.00</i>	<i>14.98</i>	<i>25.98</i>	<i>10.00</i>	<i>13.83</i>	<i>23.83</i>	<i>3.36</i>	<i>15.74</i>	<i>19.10</i>
10.02	Zoological Survey of India	3435	6.81	10.67	17.48	8.39	10.95	19.34	2.63	11.61	14.24
		5425	3.00	...	3.00	3.60	...	3.60	3.00	...	3.00
	<i>Total</i>		<i>9.81</i>	<i>10.67</i>	<i>20.48</i>	<i>11.99</i>	<i>10.95</i>	<i>22.94</i>	<i>5.63</i>	<i>11.61</i>	<i>17.24</i>
<b>Total - Survey</b>			<b>20.81</b>	<b>25.65</b>	<b>46.46</b>	<b>21.99</b>	<b>24.78</b>	<b>46.77</b>	<b>8.99</b>	<b>27.35</b>	<b>36.34</b>
11.	<i>Environmental Education/ Training/Extension</i>										
11.01	Environmental Education Training Scheme	3435	32.50	0.02	32.52	37.50	0.02	37.52	29.73	0.02	29.75
11.02	National Museum of Natural History	3435	5.00	0.71	5.71	4.76	0.70	5.46	2.04	0.75	2.79
		5425	1.00	...	1.00	1.00	...	1.00	3.00	...	3.00
	<i>Total</i>		<i>6.00</i>	<i>0.71</i>	<i>6.71</i>	<i>5.76</i>	<i>0.70</i>	<i>6.46</i>	<i>5.04</i>	<i>0.75</i>	<i>5.79</i>
<b>Total - Environmental Education/ Training/Extension</b>			<b>38.50</b>	<b>0.73</b>	<b>39.23</b>	<b>43.26</b>	<b>0.72</b>	<b>43.98</b>	<b>34.77</b>	<b>0.77</b>	<b>35.54</b>

		<i>(In crores of Rupees)</i>								
Major Head	Budget 2006-2007			Revised 2006-2007			Budget 2007-2008			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
<b>12. Conservation Programme</b>										
12.01 Biosphere Reserves	3435	3.10	...	3.10	2.40	...	2.40	2.60	...	2.60
	3601	4.10	...	4.10	5.20	...	5.20	6.50	...	6.50
	<i>Total</i>	<i>7.20</i>	...	<i>7.20</i>	<i>7.60</i>	...	<i>7.60</i>	<i>9.10</i>	...	<i>9.10</i>
12.02 Assistance for Regional Botanical Gardens	3435	2.00	...	2.00	1.75	...	1.75	2.00	...	2.00
12.03 Mangroves Eco-Systems and Wetlands	3435	2.00	...	2.00	3.60	...	3.60	3.99	...	3.99
	3601	9.00	...	9.00	11.80	...	11.80	11.50	...	11.50
	<i>Total</i>	<i>11.00</i>	...	<i>11.00</i>	<i>15.40</i>	...	<i>15.40</i>	<i>15.49</i>	...	<i>15.49</i>
<b>Total - Conservation Programme</b>		<b>20.20</b>	...	<b>20.20</b>	<b>24.75</b>	...	<b>24.75</b>	<b>26.59</b>	...	<b>26.59</b>
<b>13. Environmental Planning and Coordination</b>										
13.01 Environmental Information System	3435	4.50	0.19	4.69	4.50	0.18	4.68	3.77	0.29	4.06
13.02 Centres of Excellence	3435	7.50	1.39	8.89	7.88	1.32	9.20	7.50	1.39	8.89
	<i>Total</i>	<i>12.00</i>	<i>1.58</i>	<i>13.58</i>	<i>12.38</i>	<i>1.50</i>	<i>13.88</i>	<i>11.27</i>	<i>1.68</i>	<i>12.95</i>
<b>14. Research and Ecological Regeneration</b>										
14.01 Research and Development	3435	4.00	...	4.00	4.50	...	4.50	3.95	...	3.95
14.02 G.B. Pant Himalayan Institute of Environment and Development	3435	7.50	...	7.50	8.64	...	8.64	8.50	...	8.50
14.03 Eco-Development Forces	3435	8.00	...	8.00	9.50	...	9.50	9.60	...	9.60
	<i>Total</i>	<i>19.50</i>	...	<i>19.50</i>	<i>22.64</i>	...	<i>22.64</i>	<i>22.05</i>	...	<i>22.05</i>
15. International Cooperation	3435	3.00	2.79	5.79	2.50	3.70	6.20	0.79	2.16	2.95
<b>Prevention and Control of Pollution</b>										
<b>16. Prevention of Pollution of National Rivers</b>										
16.01 National River Conservation Directorate	3435	5.00	...	5.00	5.00	...	5.00	1.68	...	1.68
16.02 National River Conservation Plan	3435	363.00	...	363.00	275.41	...	275.41	264.00	...	264.00
16.03 National Lake Conservation Plan	3435	60.00	...	60.00	58.41	...	58.41	100.00	...	100.00
	<i>Total</i>	<i>428.00</i>	...	<i>428.00</i>	<i>338.82</i>	...	<i>338.82</i>	<i>365.68</i>	...	<i>365.68</i>
<b>17. Prevention of Air &amp; Water Pollution</b>										
17.01 Prevention and control of Water Pollution (cess)	3435	...	76.52	76.52	...	76.52	76.52	...	80.34	80.34
17.02 Establishment of Environment Authorities and Environmental Commission & Tribunal	3435	3.30	...	3.30	3.30	...	3.30	2.00	...	2.00
17.03 Central Pollution Control Board	3435	42.90	8.70	51.60	42.90	9.55	52.45	45.00	10.26	55.26
17.04 Promotion of Common Effluent Treatment Plants	3435	4.40	...	4.40	4.40	...	4.40	3.95	...	3.95
17.05 Other Schemes	3435	1.00	...	1.00	1.00	...	1.00	0.98	...	0.98
	<i>Total</i>	<i>51.60</i>	<i>85.22</i>	<i>136.82</i>	<i>51.60</i>	<i>86.07</i>	<i>137.67</i>	<i>51.93</i>	<i>90.60</i>	<i>142.53</i>
<b>18. Impact Assessment</b>										
18.01 Environment Impact Assessment Programme	3435	2.50	0.05	2.55	2.69	0.05	2.74	1.30	0.05	1.35
18.02 Development and Promotion of Clean Technology	3435	1.50	...	1.50	1.50	...	1.50	1.40	...	1.40
	<i>Total</i>	<i>4.00</i>	<i>0.05</i>	<i>4.05</i>	<i>4.19</i>	<i>0.05</i>	<i>4.24</i>	<i>2.70</i>	<i>0.05</i>	<i>2.75</i>
<b>Total- Prevention and Control of Pollution</b>		<b>483.60</b>	<b>85.27</b>	<b>568.87</b>	<b>394.61</b>	<b>86.12</b>	<b>480.73</b>	<b>420.31</b>	<b>90.65</b>	<b>510.96</b>

(In crores of Rupees)										
Major Head	Budget 2006-2007			Revised 2006-2007			Budget 2007-2008			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
<b>19. Other Programmes</b>										
19.01 Abatement of Pollution	3435	3.00	...	3.00	4.75	...	4.75	3.27	...	3.27
19.02 Taj Protection Mission	3601	0.01	...	0.01	...	...	...	0.01	...	0.01
19.03 Hazardous Substance Management	3435	6.00	...	6.00	8.70	...	8.70	7.53	...	7.53
19.04 Natural Resources Management	3435	10.00	...	10.00	10.00	...	10.00	10.00	...	10.00
19.05 Indo-Canada Environment Facility Projects	3435	0.01	...	0.01	...	...	...	...	...	...
19.06 Govt. of India - United Nations Development Programme-Environment Support Programme	3435	4.00	...	4.00	4.00	...	4.00	5.00	...	5.00
19.07 Taxonomy Capacity Building Project	3435	2.00	...	2.00	2.00	...	2.00	2.50	...	2.50
19.08 Biodiversity Conservation	3435	3.00	...	3.00	5.50	...	5.50	3.70	...	3.70
19.09 Information Technology	3435	6.23	...	6.23	6.23	...	6.23	26.27	...	26.27
19.10 Climate Change Project	3435	5.67	...	5.67	4.32	...	4.32	2.65	...	2.65
19.11 Civil Construction Unit	5425	2.02	...	2.02	1.94	...	1.94	0.01	...	0.01
19.12 Others	3435	0.90	...	0.90	1.56	...	1.56	0.50	...	0.50
19.13 Organisational Strengthening & Repositioning of Environmental Planning & Coordination Organisation (EPCO)- Madhya Pradesh & Strengthening Natural Resources Management & Farmers Livelihood in Nagaland	3601	1.59	...	1.59	0.94	...	0.94	2.00	...	2.00
19.14 Strengthening of Environment Information Centre	3435	0.10	...	0.10	...	...	...	0.10	...	0.10
19.15 National Coastal Management Programme	3435	0.10	...	0.10	...	...	...	0.10	...	0.10
19.16 Capacity building EIA & Revised Environmental Clearance Process	3435	0.10	...	0.10	...	...	...	0.10	...	0.10
<b>Total</b>		<b>44.73</b>	...	<b>44.73</b>	<b>49.94</b>	...	<b>49.94</b>	<b>63.74</b>	...	<b>63.74</b>
<b>20. Lumpsum Provision for Projects/ Schemes for North-East Region and Sikkim</b>	2552	108.90	...	108.90	116.65	...	116.65	108.10	...	108.10
<b>Total- Ecology and Environment</b>		<b>751.24</b>	<b>116.02</b>	<b>867.26</b>	<b>688.72</b>	<b>116.82</b>	<b>805.54</b>	<b>696.61</b>	<b>122.61</b>	<b>819.22</b>
<b>21. Committed Liabilities on Salary/ Establishment Component of Completed Plan Schemes</b>	3451	...	...	...	...	...	...	...	0.01	0.01
<b>Grand Total</b>		<b>1338.93</b>	<b>181.21</b>	<b>1520.14</b>	<b>1225.00</b>	<b>181.21</b>	<b>1406.21</b>	<b>1351.00</b>	<b>188.00</b>	<b>1539.00</b>
<b>C. Plan Outlay</b>	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
1. Forestry and Wildlife	12406	562.69	...	562.69	511.28	...	511.28	627.39	...	627.39
2. Ecology and Environment	13435	642.34	...	642.34	572.07	...	572.07	588.51	...	588.51
3. North Eastern Region	22552	133.90	...	133.90	141.65	...	141.65	135.10	...	135.10
<b>Total</b>		<b>1338.93</b>	...	<b>1338.93</b>	<b>1225.00</b>	...	<b>1225.00</b>	<b>1351.00</b>	...	<b>1351.00</b>

**1. Secretariat- Economic Services:** The provision is for Secretariat expenditure of the Ministry of Environment and Forests.

## 2. Education and Training:

**2.01 State Forests Rangers Colleges:** There are 3 State Forest Service Colleges located at Dehradun, Burnihat and Coimbatore. These colleges run two year courses for SFS Officers.

**Rangers College:** Rangers College is situated at Kurseong (West Bengal). The College provides training to Range Officers of the State Forest Departments.

## 2.02 Indira Gandhi National Forests Academy, Dehradun:

The Academy was created on 25.5.1987 by upgrading the Indian Forests College at Dehradun and de-linking it from the Forest Research Institute. The Academy is responsible for training the Indian Forest Service Officers.

**2.03 Training to IFS officers:** Under this scheme in-service training is provided to IFS officers.

**2.04 Indian Institute of Forestry Management:** This Institute was established during the Sixth Plan as an autonomous body to develop managerial skills and specialisation relating to conservation, optimum utilisation and increasing production and productivity over space and time in forest based products as well as large afforestation and special forest programme.

**3. Research:** The provisions are in respect of the following:-

**3.01 Indian Council of Forestry Research and Education:** The Council was set up with a view to achieve the national goals of conserving existing forest area and to increase productivity of forests. The Indian Council of Forestry Research and Education has been given autonomous status w.e.f. 1.6.1991. The Forest Research Institute, Dehradun is a centre of excellence in research. In addition, ICFRE has following five institutes in different Eco-Geographic Regions of the country to take care of the research needs of the regions.

- i) Institute of Wood Science and Technology, Bangalore.
- ii) Institute of Forest Genetics and Tree Breeding, Coimbatore.
- iii) Institute of Deciduous Forests, Jabalpur.
- iv) Institute of Arid Zone Forestry Research, Jodhpur.
- v) Institute of Rain and Moist Deciduous Forests Research, Jorhat.

**3.02 The Indian Plywood Industries Research Institute, Bangalore:** The Institute was established in 1963 jointly by the Plywood Industries and the Government of India.

**4. Survey and Utilisation of Forest Resources :** Forest Survey of India, Dehradun carries out comprehensive forest resources survey at regular intervals and presents information for planning at National, State and local levels including evaluation through re-inventory to facilitate scientific forestry planning.

**5. Forest Conservation, Development and Regeneration:** This is an on-going programme to check indiscriminate deforestation and diversion of forest land to non-forest use. Strengthening of forests protection force, control on grazing restriction on removal of fuelwood as head loads and supply of alternate fuels have been identified for effective protection of forests. The important scheme under this programme is the Integrated Forest Protection Scheme.

**5.03 Gregarious Flowering of Muli (Melocanna baccifera) Bamboos:** An action plan has been drawn to tackle the problems likely to arise due to Gregarious Flowering of Muli (Melocanna baccifera) Bamboos in the North Eastern States occurring during 2004-07.

**6. Wildlife Preservation :**

**6.01 The Wildlife Institute of India, Dehradun:** The Institute imparts training and provides continuing education to in-service officers and also organizes a two-year M.Sc Course in Wildlife.

**6.02 to 6.07 Project Tiger and Other Projects:** The Centrally Sponsored Schemes for preservation of wildlife under implementation are "Project Tiger", "Project Elephant", and "Development of National Parks and Sanctuaries". The schemes aim not only at protecting the endangered species of wildlife, but the entire ecosystem. The last two schemes also aim at improving the quality of the life of the local people and reducing their dependence on forest products. The schemes also aim at augmenting the supply of various usufructs through planning in areas adjoining National Parks and Sanctuaries.

**6.08 Welfare of Animals:** The important activities under this scheme are construction of shelter houses, animal birth control, immunization, ambulance services, and the setting up

of National Institute of Animal Welfare. The implementation of the scheme has been transferred to the Animal Welfare Board of India.

**6.09. Bio-diversity Conservation and Rural Livelihood Improvement Project:** The matters concerning Conservation of Biological Diversity, its sustainable use and fair and equitable sharing of benefits arising out of the use of biological resources and knowledge are dealt under the Biological Diversity Conservation Scheme.

**9. National Afforestation and Eco- Development Board:** The National Afforestation and Eco-development Board was set up in August, 1992, with the principal aim of promoting afforestation, tree planting, ecological restoration and eco development in the country. Special attention is being given to the regeneration of degraded forest areas and lands adjoining forest areas, national parks, sanctuaries and other protected areas as well as the ecologically fragile areas like the Western Himalayas, Aravallis, Western Ghats, etc. The main scheme for achieving this is the National Afforestation Scheme. The implementation of the UNCCD and Social Forestry programmes are also covered by the NAEB .

**10. Survey:**

**10.01 Botanical Survey of India :** The Botanical Survey of India, with its headquarters at Kolkata looks after (a) to survey the entire plant resources of the country. (b) complete taxonomic studies of all the flora of the country. (c) list all endangered species and undertake measures for their effective conservation. (d) to identify, collect and preserve specimens of plant useful to human being economically and otherwise.

**10.02 Zoological Survey of India:** Zoological Survey of India with its headquarters at Kolkata is responsible for carrying out the faunistic survey and research work in systematic Zoology, Animal Ecology, Zoology of various groups of animals including marine fauna. Its primary objectives are (a) exploration and survey of faunal resources (b) taxonomic studies (c) status survey of endangered species.

**11. Environmental Education/Training/ Extension:**

**11.01 Environment Education Training Scheme:** The Ministry gives priority to environmental education of almost all age groups of the country's population through exhibitions and training programmes etc. The Ministry is also involved in promoting environmental education by imparting non-formal education at the primary and secondary school level and in colleges and universities. The main activities under the scheme are (a) National Environmental Awareness Campaign, (b) Eco-clubs (National Green Crops) and (c) Mass Awareness.

**11.02 National Museum of Natural History** is a centre set up under the Ministry to impart non-formal education to the school going children in the field of ecology, wildlife and environmental conservation with a view to create and promote awareness in the country about the need to conserve national natural resources.

**12. Conservation Programme:** Main scheme under the programme are conservation and management of wetlands and mangroves, biosphere reserves and assistance for Regional Botanical Gardens.

**13. Environmental Planning and Coordination :** The main schemes under this programme are Environmental Information System (ENVIS) and the Centres of Excellence. Under ENVIS, Environmental Information is collected, collated and disseminated to a wide range of users through a network of 78 subject specific ENVIS centre.

**14. Research and Ecological Regeneration:** Under these programmes, research projects undertaken by various organisations are supported by the Ministry. The Ministry

envisages more active participation of universities, scientific institutions and voluntary organisations in eco-development, restoration of damaged eco-systems and eco-regeneration of degraded areas.

**15. International Cooperation:** The provisions are for contribution to UNO and other international organizations engaged in the development of environmental research and eco regeneration.

**16. Prevention of Pollution of National Rivers and Lakes:** The scope of erstwhile scheme "Prevention and control of pollution of River Ganga" has been widened to cover all national Rivers and Lakes. An action plan has been drawn up for clearing the polluted stretches of National Rivers and to oversee its implementation. The major work programmes relate to diversion, sewer cleaning and renovation of pumping sets. The schemes proposed to be taken up are: (i) Interception and diversion of waste water from falling in rivers (ii) Treatment of waste water with recovery of resources such as bio energy (iii) Other sanitation measures, such as low cost sanitation, biological conservation etc. Under National Lake Conservation Programme, 42 urban lakes have been identified for conservation to prevent their further deterioration.

**17. Prevention of Air and Water Pollution:** The provision covers: (i) Grants-in-aid to the Central Pollution Control Board; Assistance to State Governments/ Central Pollution Control Board; and Funding of relevant schemes. The Central Pollution Control Board was set up in 1974. The Board is also responsible for the prevention and control of air pollution. The provision covers grants given for the promotion of common effluent treatment plants. During Xth Plan schemes viz; Environmental Audit Environmental Statistics and Mapping and Clean Technologies by Small Scale industries were merged as Industrial Pollution Abatement through Preventive strategies.

**18. Impact Assessment:** The main schemes under this programme are Environmental Impact Assessment and Development and promotion of Clean Technology. Environmental Clearance has been made mandatory for 44 category of developmental projects. Following the Notification on Coastal Regulation Zone in 1991 various activities are being undertaken in the coastal stretches of the country for conservation of sensitive areas.

**19. Other Programmes:** The main objective of these schemes viz Assistance for Abatement of Pollution including protection of Taj Mahal, and Hazardous Substance Management are to assist State Governments, State Pollution Control Board Central/State Research Institutions and other Government agencies/Organisations with the aim of strengthening their technical capabilities.

**19.06 Govt. of India-United Nations Development Programme Environment Support Programme:** It is meant to

support the National Development programme in the Environment Sector and is based on X<sup>th</sup> Plan focus on decentralization and people participation.

**19.07 Taxonomy Capacity Building Project:** Having identified critically important areas and gaps in taxonomic Work an All India Coordinated Project has been drawn up for Capacity building in taxonomy.

**19.13 Financial support to Environmental Planning and Coordination Organization (EPCO), Madhya Pradesh:** Project objectives: (i) Operationalisation of the State Environment Policy. (ii) Mainstreaming environmental concerns in the district planning process and sectoral programmes. (iii) Involving range of stakeholders of M.P. in the exercise of setting environmental priorities. (iv) Improve understanding of environmental problems and their underlying causes.

**19.14 Strengthening of Environment Information Centre:** It is proposed to augment the delivery capacity of the EIC centre at Delhi and establish Regional Centres for wider data collection and dissemination.

**19.15 National Coastal Management Programme:** In order to rationalize the existing CRZ Notification, 1991, the Ministry constituted an Expert Committee under the Chairmanship of Prof. M. S. Swaminathan. Based on the recommendation of the Report submitted by the Committee, the Ministry proposes to initiate the following activities: (a) Protection and conservation of the Coastal environment. (b) Protection of local communities and livelihood security along the coastal stretches. (c) Promotion of sustainable development along the coastal stretches. (d) Measures to control deterioration of coastal environment due to pollution arising from land based activities.

**19.16 Capacity Building in Environmental Impact Assessment and Revised Environmental Clearance Process:** The objectives are as follows: (i) Capacity building at Central and State/UT levels for the effective implementation of the revised EC process; (ii) Strengthening of the Monitoring Mechanism as a sequel to EMCB Project (iii) Accreditation of EIA Consultants through the Quality Council of India

**20. Lumpsum Provision for projects/schemes for North-East Region and Sikkim:** A provision of Rs. 135.10 crore including para 5.03 has been made for the schemes in the Environment and Forests Sector.

**21. Committed Liabilities on Salary/Establishment Component of completed Plan Schemes :** The provision is for committed expenditure that may arise in respect of Central Plan Schemes completed during the Tenth Five Year Plan. The expenditure will be met against the lumpsum provision under the Department of Expenditure based on the assessed requirement during the course of the year.