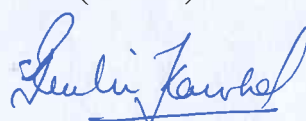


PROCEEDINGS OF THE 1ST MEETING OF STATE LEVEL PBR QUALITY MONITORING COMMITTEE HELD ON 07.06.2021 AT 11.00 AM.

1. The First meeting of the State Level PBR Quality Monitoring Committee was held on 07.06.2021 at 11.00 AM under the chairmanship of Dr. G.V.Reddy, IFS (Retd.), Chairman, State Level PBR Quality Monitoring Committee on visual mode.

The following Members attended the meeting of SLPBRQMC:-

1. Dr. G.V.Reddy, IFS (Retd.), Chairman
 2. Dr. Ram Chand, ADG (KVK), ICAR (Retd.) Member
 3. Dr. Samunder Singh, Professor (Retd.) Member
 4. Dr. Sharda R. Gupta, Ex. Professor, Member
 5. Sh. Gurmeet Singh, Scientific Officer, HSBB (Special invitee)
 6. Smt. Ruchi Kaushal, Scientific Officer, HSBB (MS)
2. The Chairman welcomed the Members and Sh. Vineet Kumar Garg, IFS, Chairman, HSBB (Special Invitee) to the First Meeting of the State Level PBR Quality Monitoring Committee. The Chairman and other members of the Committee briefly introduced themselves.
 3. Smt. Ruchi Kaushal, who was nominated as Member Secretary for SLPBRQMC gave a brief presentation apprising the Committee about the Biological Diversity Act, 2002, provision of BMC, status of PBR preparation in Haryana State. HSBB had engaged 7 Technical Supports Groups (TSGs) in 2019, to create awareness in the community, prepare the People's Biodiversity Registers (PBRs), impart trainings to the Biodiversity Management Committees (BMCs). As per the Hon'ble NGT orders these PBRs were to be prepared by 31.12.2020 but due to COVID-19 pandemic situation all over the country, the Hon'ble NGT extended the deadline for preparation of PBRs by 30.6.2021. In compliance of the Hon'ble NGT orders, TSGs have prepared and submitted first draft of PBRs, based on secondary data, which was duly reported to Hon'ble NGT. The Chairman, HSBB informed the Committee that all the information related to PBRs/ BMCs and other related issues is also available on the website of the Board: sbb.haryanaforest.gov.in
 4. Out of 6437 units in the state, HSBB has constituted 6435 BMCs. Two BMCs namely Lakhan Majra and Charkhi-Dadri could not be formed due to court case and other reasons. It was further updated that the TSGs are now in the process of field verification and preparation the Second Draft of 6435 PBRs with the help of BMCs, based on primary data. These PBRs will be ratified by the BMCs which will inturn be validated by District Level Expert Committees (DLECs).

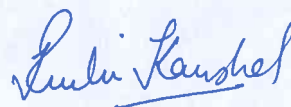


5. The Chairman, HSBB informed the monitoring committee about the three tier procedure prescribed by NBA to verify/ validate the PBRs. First by the BMCs, then by District Level Expert Committees (DLECs) and then by State Level PBR Quality Monitoring Committee. The BMCs and DLECs will verify/ validate the First, Second Drafts of PBRs and after validation from these Committees, the PBRs will be presented before the State Level PBR Quality Monitoring Committee for feedback on the same. After incorporating the recommendations by the TSGs, these PBRs will again be presented to State Level PBR Quality Monitoring Committee for final validation.

6. After thorough discussions the following decisions were taken:-

1. The PBR Quality monitoring committee will verify 10% of the targeted PBRs. The PBRs will be selected on a random basis. The process of verification and validation will be completed by the end of Calender year 2021
2. The District level committees will complete validation of PBRs by 15-7-2021 and make them available to the PBRQMC for quality checking.
3. The PBRQMC will focus on the quality of the PBRs and process followed in preparing the PBRs, especially whether the tasks assigned have been completed or not which include awareness generation, peoples participation and local capacity building.
4. The PBRQMC will document best practices which will be used to share with other BMCs in the state
5. The PBRQMC will prepare a work schedule to complete the task of PBRs verification, Chairman PBRQMC has agreed to prepare a tentative schedule and share it with other members
6. The PBRQMC members will visit the field to ascertain that all the process envisaged in the guidelines have been followed by the TSGs.
7. The HSBB will work on providing the logistics to the PBRQMC members on field visit.
8. The Biodiversity board will provide contact details of all BMCs, District level coordinators, committees incharges and TSGs.
9. HSBB will organise a meeting with TSGs, District level coordinators with PBRQMC to understand the processes followed in preparing the PBRs.

The meeting was concluded with vote of thanks.



PROCEEDINGS OF THE 2nd MEETING OF STATE LEVEL PBR QUALITY MONITORING COMMITTEE HELD ON 29.06.2021 AT 11.00 AM.

The 2nd Meeting of the State Level PBR Quality Monitoring Committee was held on 29.06.2021 at 11.00 AM under the chairmanship of Dr. G.V. Reddy, IFS (Retd.), Chairman, State Level PBR Quality Monitoring Committee on visual mode.

The list of the officers who attended the meeting is annexed.

The Chairman welcomed Sh. Vineet Kumar Garg, IFS, Chairman, HSBB (Special Invitee), Members of State Level PBR Quality Monitoring Committee, TSGs, District Coordinators, HSBB. All the participants introduced themselves briefly.

The Technical Support Groups (TSGs) gave their brief Presentations before the Committee on the progress made so far and methodology adopted for preparation of PBRs. The PPTs of the groups enclosed as annexure to the minutes of the meeting.

- The Committee observed that the Presentations given by some TSGs were satisfactory but the Presentations of other TSGs were not up to the mark especially details of their content, data collection, field visits etc.
- Dr. S.S. Grewal, Director, SPACE, who had not given his presentation during the meeting agreed to send a Presentation to HSBB. Subsequently, PPT was submitted to Board and the same has been included in the minutes of the meeting. The Committee raised some questions about the data collection and methodology adopted and time spent in collecting the data by the teams.
- Preparation of 2nd Draft PBRs and validation by the BMCs and District Level Expert Committees is in progress.
- The TSGs have informed that they have collected secondary data by holding meetings/ discussions/ consultations with the officers of the line departments. The primary data was collected from BMCs, Villagers, Vaidas, Haqims by spending time in the villages. Special meetings with DFOs, DDPOs, BDPOs and officers of other line departments were conducted to collect the data.
- Special awareness cum training camps were held for BMCs to enable them to handle their Bank Accounts, Cash Book, Access & Benefit Sharing (ABS), writing of proceedings of BMCs meetings, conserve bio-resources of areas of their jurisdiction etc. The SLPBRQMC observed that the quality and impact of the awareness cum trainings will be ascertained only after field visit.
- Process Initiated by HSBB: The Chairman, HSBB informed that training to the TSGs/ District Coordinators regarding different components of PBR preparation have been

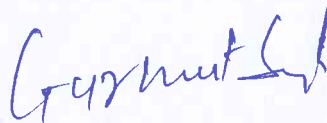
imparted. Review Meetings are held with TSGs to review the progress. Monthly Reports are also sought from all the TSGs and feedback/ observations are conveyed regularly to intimate about the shortcomings in PBRs so as to improve their quality. The sample PBRs of all the TSGs have been reviewed at headquarter level regularly.

After thorough discussions, following decisions were taken:

1. PBRs are important legal documents, so their quality/ standard should be quite high.
2. All the TSGs will prepare PBRs on the basis of primary data collected from the BMCs, villagers and other stakeholders.
3. The Committee will visit the field and assess the performance of TSGs at ground level and hold discussions with some BMCs and District Coordinators, HSBB.
4. The Committee will examine 10% of PBRs as Random Sample basis and the feedback will be conveyed to the TSGs.
5. The BMCs for field visit will be selected on random sampling basis. The methodology details will also be prepared and finalised in consultation with Committee members and Chairman, HSBB.
6. The Committee will prepare a Format (Google forms) to be filled up by the TSGs.

The Chairman thanked the Chairman, HSBB, Members of the Committee, TSGs and all other participants for attending the meeting.

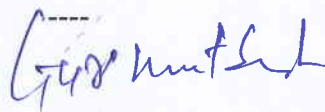
The meeting ended with a vote of thanks to the chair.



LIST OF OFFICERS ATTENDING THE 2ND MEETING OF STATE LEVEL PBR
QUALITY MONITORING COMMITTEE HELD ON 29.06.2021 AT 11.00 AM.

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1. Dr. G.V. Reddy, IFS (Retd.), Chairman
2. Sh. Vineet Kumar Garg, IFS, Chairman, HSBB
3. Dr. Ram Chand, ADG (KVK), ICAR (Retd.) Member
4. Dr. Samunder Singh, Professor (Retd.) Member
5. Dr. Sharda R. Gupta, Ex. Professor, Member
6. Sh. Gurmeet Singh, Scientific Officer, HSBB (Special invitee)
7. Smt. Ruchi Kaushal, Scientific Officer, HSBB
8. Sh. Chetan Sharma, CEO & Director, Datamation (TSG)
9. Sh. Dhananjay Kumar, MD, NH Consulting (TSG)
10. Sh. Abhishek Rajdeep and Ms Charu, Everain Global (TSG)
11. Ms. Bhumika, Chavi Charitable Society (TSG)
12. Ms. Sanyal, Maaty (TSG)
13. Dr. S.S.Grewal, SPACE (TSG)
14. Sh. Chetan HC & Sh. Somashekhar B.S. TDU (TSG)
15. All District Coordinators , HSBB



PROCEEDINGS OF THE 3rd MEETING OF STATE LEVEL PBR QUALITY MONITORING COMMITTEE HELD ON 17.08.2021 AT 11.00 AM.

The 3rd Meeting of the State Level PBR Quality Monitoring Committee was held through VC on 17.08.2021 at 11.00 AM under the chairmanship of Dr. G.V. Reddy, IFS (Retd.), Chairman, State Level PBR Quality Monitoring Committee on visual mode.

The list of the officers who attended the meeting is annexed.

The Chairman welcomed Sh.Vineet Kumar Garg, IFS, Chairman, HSBB, Members of State Level PBR Quality Monitoring Committee and introduced Sh. Prakash Mehta who has joined as Scientific Officer, HSBB and he has been appointed as Nodal Officer of the SLPBRQMC.

The Chairman explained the Monitoring Framework Proforma for evaluating quality of PBRs as provided by National Biodiversity Authority (NBA). The Committee Members raised some questions about the Evaluation Criteria given in the Monitoring Framework for evaluating quality of PBRs, while the Chairman provided them satisfactory solution. (Copy of the NBA framework for PBR Quality monitoring included for reference).

The Committee Members then discussed the tentative field plan and concluded that the plan will be flexible and changeable according to the field situation. The Committee also decided to organize a Feedback Meeting on 28.08.2021 at HSBB office for overall evaluation of the tour and finding the scope of improvement in the methodology and planning for further PBR quality evaluation work.

The Chairman thanked the Members of the Committee for attending the meeting.

The meeting ended with a vote of thanks to the chair.

Endst. No. HSBB/ 1084-87

dated 07-09-2021

A copy is forwarded to the following for information and necessary action.

1. Chairman/ Members, SLPBRQMC
2. Chairman, HSBB, Panchkula
3. All TSGs, HSBB
4. All District Coordinators, HSBB, Panchkula.

Mehta P.K.
06/09/2021
Scientific Officer
& Nodal Officer, SLPBRQMC
O/o Chairman, HSBB, Panchkula

LIST OF OFFICERS ATTENDING THE 3RD MEETING OF STATE LEVEL PBR QUALITY MONITORING COMMITTEE HELD THROUGH VC ON 17.08.2021 AT 11.00 AM

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1. Dr. G. V. Reddy, IFS (Retd.), Chairman
2. Sh. Vineet Kumar Garg, IFS, Chairman, HSBB
3. Dr. Ram Chand, ADG (KVK), ICAR (Retd.) Member
4. Dr. Samunder Singh, Professor (Retd.) Member
5. Dr. Sharda R. Gupta, Ex. Professor, Member
6. Sh. Gurmeet Singh, Scientific Officer, HSBB (Special invitee)
7. Sh. Prakash Mehta, Scientific Officer, HSBB –cum- Nodal Officer, SLPBRQMC

1-3-2-1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2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Monitoring Framework for Evaluating Quality of People's Biodiversity Registers (PBRs)

Part A

- Name of BMC: Local body (Urban/Rural)
Taluk/Block/Mandal

District State
- Chair of the BMC (*ex-officio*, if any)
- Secretary of the BMC (*ex-officio*, if any)
- Date of BMC constitution (Date/ Ref of resolution)
- Date/ month/ year of PBR Preparation
- Date/ month/ year of PBR Validation
- Agency (ies) involved in preparation of PBR: (*TSG, institutions/volunteers etc.*)
- Effort of digitization of the PBRs by the SBB? Scan or database formats.
- TK Register, if any prepared and maintained by BMC
- Expenditure incurred in preparation of PBR and source of funds
- Use of PBR if any made by the BMC/ SBB
- Names of members of PBR Quality Monitoring Team
- Date(s) of the evaluation exercise
- Names of the officials/ persons/line departments consulted
- Observations / Recommendations by the Monitoring Team (not more than 15-20 lines)

The contents of the PBR includes_____ species of wild flora including herbs/shrubs and trees; _____species of wild fauna; _____species/varieties of cultivated crops including horticultural and vegetable crops; _____ species/breeds of domesticated livestock/poultry; _____species of fishes, _____ species of microbes and _____TKs.

Part B

The PBR Quality Evaluation Framework consists of 3 elements viz. Context, Process and Structure. These three elements carry equal weightage as all these elements play an equally significant role in assessing the quality of PBR. The elements are to be assessed using the “Indicators” which are 3, 4 and 5 each in respect of the 3 elements i. e. context, process and structure

Criterion 1: Context

Indicator	Explanation	Source of information for assessment	Score 1-10 (Highly Inadequate to Completely Adequate)
BMC and local body members are aware of the provisions and procedures related to PBR preparation	SBB/TSG might have conducted interactions on use and importance of PBRs. Records of meetings and responses of BMC members in this regard can give an idea.		
BMC has received training / sensitisation modules of SBB	Such actions of SBB would sensitise the BMC. Participation of BMC members in the exercise would provide a better linkage to the process and better understanding of PBR.		
BMC and local body have formally discussed the process of PBR in their area	Validation of the PBR after presentation and discussion would provide better understanding of the PBR and its use.		
Score (Out of 30)			

Criterion 2: Process

Involvement of experts in data collection – Technical support Group and its involvement	Profile of TSG and involvement of experts in the subsequent interactions would impact the quality of PBR.		
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BMC members / SBB oversaw the progress of data collection / collation/ analysis	Extent of involvement of the BMC members would be an important input for quality of PBR		
Consultation/ participation process followed with stakeholders (Meetings/ PRAs/Workshops/ Fairs / Festivals)	consultations with stake holders/ people coming to events like weekly market day to sell their agro products or wild gathered products will be very useful. This is the step 4 of the process in guidelines. Gender will also be a parameter in this. Diligence shown in identification of stakeholder groups using an inclusive approach.		
Existence/reference of the existing information on biodiversity (secondary literature)	Secondary information is a vital component of the register		
Correct scientific identity of the bioresources	Use of photographs, maps, graphics, data, seasonality, geo tagging, IUCN status (additionally people's perceived data on local species/land races will be more valuable. This would cover species/ races reduced due overexploitation or obscured/replaced by high yielding hybrids due to economic gains sacrificing quality traits) etc. in descriptions adds value to the information given in any document.		
Total (out of 50)			

Criterion 3: Structure

Have all the relevant formats been filled with appropriate details?	Quality and adequacy of the information provided in the relevant formats can indicate quality. Seasonal collection of information is part of this.		
Have the groups been indexed for	A well indexed register would have ease of		

ease of access with contents and page numbers?	access to the contents. Bioresource wise or mere format wise index would facilitate perusal of the PBR differently		
Correct scientific identities of bioresources (both wild, cultivated and domesticated) along with available vernacular names.	This will include validated correct scientific names and credentials of the validating agency		
TK related details captured with list of resources and name of users/ practitioners/ knowledge holders*	How elaborate is the information on the traditional use in the columns for 'Associated TK' in the PBR formats within the local body area, and elsewhere also and how it has been safeguarded from misuse.		
Out of 40			

Score Sheet

1 Element Name	2 Number of Indicator s	3 Maximum Score (@ 10 per indicator)	4 Score given	5 % Weighted Score (One third for each element)	6 Final Score
Context	3	30			
Process	5	50			
Structure	4	40			
Over all	12	120			

PROCEEDINGS OF THE 4th MEETING OF STATE LEVEL PBR QUALITY MONITORING COMMITTEE HELD THROUGH OFFLINE / VC MODE ON 28.08.2021 AT 10.30 AM

The 4th Meeting of the State Level PBR Quality Monitoring Committee was held on 28.08.2021 at 10.30 AM under the chairmanship of Dr. G.V. Reddy, IFS (Retd.), Chairman, State Level PBR Quality Monitoring Committee at HSBB office, Panchkula.

The list of the officers who attended the meeting is annexed.

The meeting had been divided into 2 sessions:

- 1st Session: 10.30 AM to 12.30 PM: Internal meeting of SLPBRQMC.
- 2nd Session: 12.30 PM to 05.00 PM: Feedback meeting with TSGs.

Session 1:

The Chairman, HSBB welcomed the Chairman and the Members of SLPBRQMC for attending the meeting.

The Chairman and Members of SLPBRQMC shared their experiences of field visits undertaken from 18.08.2021 to 27.08.2021 with the officers of HSBB.

The Members of the Committee were not satisfied with the working of TSGs regarding preparation of PBRs, training imparted to BMCs by the TSGs, data collection, meeting with officers of line departments and BMCs. On the basis of field observations, all members have prepared the feedback note for TSGs to improve the quality of PBRs and overall performance.

Session 2:

The Chairman, HSBB welcomed the Chairman, and Members of SLPBRQMC and representative of all TSGs for attending the meeting. Some TSGs representatives attended the meeting in person while rest of them attended virtually.

Feedbacks given by SLPBRQMC Members are as below:

Dr. G. V. Reddy: Dr. G. V. Reddy gave his feedback on field visit to Gurugram and Faridabad districts to the TSG-Everain Global Services Pvt. Ltd., New Delhi, Nuh district to the TSG-TDU, Bangalore, Rewari district to the TSG-NH Consulting Pvt. Ltd., New Delhi and Ambala district to the TSG-SPACE, Chandigarh.

Dr. Samunder Singh: Dr. Samunder Singh gave his feedback on field visit to Hissar district to the TSG-Maaty Biodiversity Conservation and Social Research Organization, Dehradun and Jind district to the TSG-Chhavi Charitable Society, Bhiwani.

Dr. Sharda Gupta: Dr. Sharda Gupta gave her feedback on field visit to Kurukshetra district to the TSG-Datamation Consultants Pvt. Ltd., Gurugram.

Dr. Ram Chand: Dr. Ram Chand gave his feedback on field visit to Karnal district to TSG-Datamation Consultants Pvt. Ltd., Gurugram.

The detailed comments/observations of the Members of the Committee are enclosed for necessary action by TSGs.

The Committee has observed that the TSGs are not taking this assignment seriously, which is not appropriate as per the Terms and Conditions of the MoU signed by the TSGs with HSBB. The Chairman, HSBB was not satisfied with the replies of TSGs Representatives and advised them that they should do all needful actions to improve their performance and quality of PBRs.

The Members of the SLPBRQMC highlighted shortcomings found in the PBRs during their field visits. The Chairman of the Committee asked the TSGs that they should not adopt cut and paste method to complete the work and suggested that they should prepare this important document on the basis of primary data collected with the help of trained & expert staff.

After detailed discussions it was decided that:-

1. The Members of the SLPBRQMC will visit rest of the districts in last week of September, 2021 and visit maximum of 2 -3 villages in a day.
2. The TSGs will rectify all shortcomings and incorporate all suggestions, instructions given during field visits and in the meeting held on 28.08.2021.
3. The Executive Summary is the mirror of any document and it should be impressive.
4. PBR will be provided to the Members of the SLPBRQMC by TSGs in advance during their field visits in future.
5. TSGs should engage technically competent persons in their team.

The Chairman, HSBB thanked to the Chairman/ Members of SLPBRQMC and TSG representatives for attending the meeting.

The meeting ended with a vote of thanks to the chair.

Endst. No. 1088-1091

Dated 7/9/2021

A copy is forwarded to the following for information and necessary action.

1. Chairman/ Members, SLPBRQMC
2. Chairman, HSBB, Panchkula
3. All TSGs, HSBB
4. All District Coordinators, HSBB, Panchkula.

Mehar P.L.
07/09/2021

Scientific Officer
& Nodal Officer, SLPBRQMC
O/o Chairman, HSBB, Panchkula

**LIST OF OFFICERS ATTENDING THE 4th MEETING OF STATE LEVEL PBR
QUALITY MONITORING COMMITTEE HELD THROUGH OFFLINE / VC MODE
ON 28.08.2021 AT 10.30 AM**

1. Dr. G.V.Reddy, IFS (Retd.), Chairman
2. Sh. Vineet Kumar Garg, IFS, Chairman, HSBB
3. Dr. Ram Chand, ADG (KVK), ICAR (Retd.) Member
4. Dr. Samunder Singh, Professor (Retd.) Member
5. Dr. Sharda Gupta, Ex. Professor, Member
6. Sh. Gurmeet Singh, Scientific Officer, HSBB
7. Sh. Prakash Mehta, Scientific Officer, HSBB-cum-Nodal Officer SLPBRQMC
8. Sh. Chetan Sharma, CEO & Director, Datamation (TSG)
9. Sh. Dhananjay Kumar, MD, NH Consulting (TSG)
10. Ms. Wajiha Khan, Coordinator, NH Consulting (TSG)
11. Sh. Abhishek Rajdeep, CEO, Everain Global (TSG)
12. Sh. Satish Kumar Sharma, President, Chavi Charitable Society (TSG)
13. Sh. H.S.Lohan, Coordinator, SPACE (TSG)
14. Sh. Chetan HC & Sh. Somashekhar B. S. TDU (TSG)
15. Sh. Chetan Sharma, Datamation (TSG)
16. Sh. Satya Prakash Singh, District In charge-Karnal, Datamation (TSG)
17. Sh. Sourabh Singh, District In charge-Kurukshetra, Datamation (TSG)
18. Dr. Ved Prakash, Director, Maaty (TSG)
19. Smt. Ankita Rajput, Secretary, Maaty (TSG)
20. Ms. Oyndrila Sanyal, Maaty (TSG)
21. Ms. Pratiksha Mahar, Maaty (TSG)

**GV REDDY, SLPBRQMC-CHAIRMAN FIELD INSPECTION REPORT: 23-8-2021
VISIT TO GURUGRAM BLOCK. 24-8-2021, VISIT TO FARIDABAD-TSG
EVERAIN**

23/8/2021-Gurugram 1. Hasanpur 2. Tikli 3. Garatpurbas

24/8/2021-Faridabad 1. Mangar Bani 2. Kot 3. Pali

GENERAL OBSERVATIONS ABOUT THE WORK BY THE TSG

- The TSG failed to provide updated PBRs.
- Simple formats like BMC member details were not filled up
- TSG even did not sign the documents to show that the work is genuine
- The field data also did not capture the finer elements of the biodiversity. The local varieties, agricultural crop varieties not included.
- No Subject matter specialists were engaged in field data collection. Wild plant species, insects, reptiles, birds are missing.
- Not much time has been spent in documenting the biodiversity
- In Managr Bani the old work on the flora and fauna has been included, however, the secondary data source details were not included.
- Traditional Knowledge registers not mentioned nor the same has been included in the registers.
- People who carried out the field work and who were managing the data was not clear.
- There is no coordination between field workers and the data managers
- The PBRs of all the villages visited appeared similar, may be copy-paste
- The TSG has not conducted any PRA (Participatory Rural Appraisal) exercise hence the overall reach of the project is very minimal, consequently there is very little awareness in the villages about the Biodiversity registers and related information.
- No training programme has been conducted for the villagers. There is no information about the trainings to field teams.
- Coordination with the District Coordinators of the HSBB is totally missing. The field activities are not informed to the District Coordinators. Hence, there is little quality check on the quality of field activities.
- None of the PBRs have been validated by the District Level Teams.
- The PBRs are prepared in English language which may be least useful to local villagers as the villagers are not well conversant with English. Hence the PBRs should be prepared in Hindi and English (Bilingual).
- Prima facie, it appears that TSG has completed the field work as formality the teams might have covered two to three villages in a day.

RECOMMENDATIONS FOR QUALITY IMPROVEMENT

To improve the quality of the PBRs which include the field data collection, involving local people in the programme, preparation of the documents, which includes validation by the district team. The TSG should complete the activities prescribed in the MoU to achieve the targets with quality. The following are suggested to improve. The list is not comprehensive it

is only indicative. Therefore the TSGs are advised to take appropriate steps to prepare the Quality PBRs.

1. The TSG should complete the existing PBR, check for the spelling mistakes and add all the secondary sources.
2. Conduct village wise PRA exercises to bring awareness about the biodiversity, gather Traditional Knowledge and identify the traditional healers, persons with extensive knowledge about the biodiversity. Conduct Focus Group discussions to identify specialists in the respective fields. Include women group to gather traditional knowledge.
3. Prepare village map based on the PRA exercise and the revenue map. Identify forest areas, wild biodiversity rich areas.
4. Initiate steps to complete various records pertaining to BMC / PBR. Village level meeting register, Traditional knowledge registers.
5. There should be good scrutiny of the field workers to collect the field data and they should be imparted good training. The field workers should be collecting the field data along with photographs with Geo reference, so that plant identification of rare species can be completed.
6. TSGs should engage specialists from Botany, Agriculture, Entomology and Wildlife to document rare wild biodiversity.
7. The specialists should check the scientific names and validate. The names of the scientists who have checked and validated should be included in the register.
8. The TSG should include all the agricultural crops, past and present and include the varieties as well. The extent of the crop should also be mentioned.
9. The TSG should prepare its monthly field activities plan and inform it to District Coordinators and HSBB.
10. The PBRs should include photographs of biodiversity, PRA exercise.
11. TSG should conduct training programme awareness programme to get the Traditional Knowledge documented.

- Sd -

Dr. G. V. Reddy
Chairman, SLPBRQMC

GV REDDY, SLPBRQMC-CHAIRMAN FIELD INSPECTION REPORT: 25-8-2021 VISIT TO NUH-TSG TDU

25/8/2021-Nuh 1. Ujjina 2. Malab 3. Dhanduka 4. Akhrha

GENERAL OBSERVATIONS ABOUT THE WORK BY THE TSG

- The TSG provided updated PBRs at the last minute. Most of the PBRs were in electronic form could not be accessed easily while in the field.
- BMC member details were filled up. But none of the BMCs could show the meeting registers.
- The field data also did not capture the finer elements of the biodiversity. The local varieties, agricultural crop varieties not included.

- No Subject matter specialists were engaged in field data collection. Wild plant species, insects, reptiles, birds are missing.
- Not much time has been spent in documenting the biodiversity. The field team might have covered two- three villages in one day.
- Secondary source details are not included.
- Traditional knowledge registers not mentioned nor the same has been included in the registers.
- People who carried out the field work and who were managing the data was not clear. The TDU coordinator failed to name the field workers and volunteers who helped in field data collection.
- The project in charge was only in touch with the district in charge and he did not monitor the quality of the field work.
- The PBRs of all the villages visited appeared similar, may be copy-paste
- The TSG has not conducted any PRA (Participatory Rural Appraisal) exercise hence the overall reach of the project is very minimal consequently there is very little awareness in the villages about the Biodiversity registers and related information. Only one or two persons know about the exercise.
- No training programme has been conducted for the villagers. There is no information about the trainings to field teams.
- Coordination with the District Coordinators of the HSBB is totally missing. The field activities are not informed to the District Coordinators. Hence there is little quality check on the quality of field activities.
- None of the PBRs have been validated by the District Level Teams.
- The PBRs are prepared in English language which may be least useful to local villagers as the villagers are not well conversant with English. Hence the PBRs should be prepared in Hindi and English (Bilingual).

RECOMMENDATIONS FOR QUALITY IMPROVEMENT

To improve the quality of the PBRs which include the field data collection, involving local people in the programme, preparation of the documents, which includes validation by the district team. The TSG should complete the activities prescribed in the MoU to achieve the targets with quality. The following are suggested to improve. The list is not comprehensive it is only indicative. Therefore the TSGs are advised to take appropriate steps to prepare the Quality PBRs.

1. The TSG should complete the existing PBR, check for the spelling mistakes and add all the secondary sources.
2. Conduct village wise PRA exercises to bring awareness about the biodiversity, gather Traditional Knowledge and identify the traditional healers, persons with extensive knowledge about the biodiversity. Conduct Focus Group discussions to identify specialists in the respective fields. Include women group to gather traditional knowledge.
3. Prepare village map based on the PRA exercise and the revenue map. Identify forest areas, wild biodiversity rich areas.
4. Initiate steps to complete various records pertaining to BMC / PBR. Village level meeting register, Traditional knowledge registers.

5. There should be good scrutiny of the field workers to collect the field data and they should be imparted good training. The field workers should be collecting the field data along with photographs with Geo reference, so that plant identification of rare species can be completed.
6. TSGs should engage specialists from Botany, Agriculture, Entomology and Wildlife to document rare wild biodiversity. The specialists should check the scientific names and validate. The names of the scientists who have checked and validated should be included in the register. The TSG should include all the agricultural crops, past and present and include the varieties as well. The extent of the crop should also be mentioned.
7. The TSG should prepare its monthly field activities Plan and inform it to District Coordinators and HSBB so that biodiversity board.
8. The PBRs should include photographs of biodiversity, PRA exercise.
9. TSG should conduct training programme awareness programme to get the Traditional Knowledge documented.

- Sd -

Dr. G. V. Reddy
Chairman, SLPBRQMC

**GV REDDY, SLPBRQMC-CHAIRMAN FIELD INSPECTION REPORT: 26-8-2021
VISIT TO REWARI -TSG: NH CONSULTING PVT. LTD.**

26/8/2021-Rewari: 1. Harzipur 2. Bawana Gujjar 3.Kosli

GENERAL OBSERVATIONS ABOUT THE WORK BY THE TSG

- The field work teams are well qualified and very enthusiastic about the field work. These two field workers Ms. Archana Yadav and Ms Jyoti Gupta were very useful.
- BMC member details were filled up. But the meeting registers could not be verified
- The field data also did not capture the finer elements of the biodiversity. The local varieties, agricultural crop varieties not included.
- No Subject matter specialists were engaged in field data collection. Wild plant species, insects, reptiles, birds are missing.
- The teams appear to have spent sufficient time in the villages. While discussing the SLPBRQMC team learnt that the field members are paid very less.
- Secondary source details are not included.
- Traditional Knowledge registers not mentioned nor the same has been included in the registers.
- The TSG has not conducted any PRA (Participatory rural appraisal) exercise hence the overall reach of the project is very minimal, consequently there is very little awareness in the villages about the Biodiversity registers and related information.
- No training programme has been conducted for the villagers. There is no information about the trainings to field teams.
- Coordination with the District Coordinators of the HSBB is totally missing. The field activities are not informed to the District Coordinators. Hence there is little quality check on the quality of field activities.

- None of the PBRs have been validated by the District Level Teams.
- The PBRs are prepared in English language which may be least useful to local villagers as the villagers are not well conversant with English. Hence the PBRs should be prepared in Hindi and English (Bilingual).

RECOMMENDATIONS FOR QUALITY IMPROVEMENT

To improve the quality of the PBRs which include the field data collection, involving local people in the programme, preparation of the documents, which includes validation by the district team. The TSG should complete the activities prescribed in the MoU to achieve the targets with quality. The following are suggested to improve. The list is not comprehensive it is only indicative. Therefore the TSGs are advised to take appropriate steps to prepare the Quality PBRs.

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2. Conduct village wise PRA exercises to bring awareness about the biodiversity, gather Traditional Knowledge and identify the traditional healers, persons with extensive knowledge about the biodiversity. Conduct Focus Group discussions to identify specialists in the respective fields. Include women group to gather traditional knowledge.
3. Prepare village map based on the PRA exercise and the revenue map identify forest areas, wild biodiversity rich areas.
4. Initiate steps to complete various records pertaining to BMC / PBR. Village level meeting register, Traditional knowledge registers.
5. There should be good scrutiny of the field workers to collect the field data and they should be imparted good training. The field workers should be collecting the field data along with photographs with Geo reference, so that plant identification of rare species can be completed.
6. TSGs should engage specialists from Botany, Agriculture, Entomology and Wildlife to document rare wild biodiversity. The specialists should check the scientific names and validate. The names of the scientists who have checked and validated should be included in the register. The TSG should include all the agricultural crops, past and present and include the varieties as well. The extent of the crop should also be mentioned.
7. The TSG should prepare its monthly field activities plan and inform it to District Coordinators and HSBB.
8. The PBRs should include photographs of biodiversity, PRA exercise.
9. TSG should conduct training programme awareness programme to get the Traditional Knowledge documented.

- Sd -

Dr. G. V. Reddy
Chairman, SLPBRQMC

GV REDDY, SLPBRQMC-CHAIRMAN FIELD INSPECTION REPORT: 27-8-2021 AMBALA TSG-SPACE

27/8/2021-Ambala 1. Dukheri 2. Fadouli 3. Chudiali

GENERAL OBSERVATIONS ABOUT THE WORK BY THE TSG

- The TSG failed to provide updated PBRs. Only hand written documents were provided. The data has not been entered into the computer system so far it seems.
- The field data also did not capture the finer elements of the biodiversity. The local varieties, agricultural crop varieties not included. No Subject matter specialists were engaged in field data collection. Wild plant species, insects, reptiles, birds are missing.
- Not much time has been spent in documenting the biodiversity.
- Traditional Knowledge registers not mentioned nor the same has been included in the registers. People who carried out the field work and who were managing the data was not clear. The field workers were employed for very short period hence the PBRQMT could not interact with field workers to ascertain the quality of data collection.
- The TSG has not conducted any PRA (Participatory Rural Appraisal) exercise hence the overall reach of the project is very minimal, consequently there is very little awareness in the villages about the Biodiversity registers and related information.
- No training programme has been conducted for the villagers. There is no information about the trainings to field teams.
- Coordination with the District Coordinators of the HSBB is totally missing. The field activities are not informed to the District Coordinators. Hence there is little quality check on the quality of field activities.
- None of the PBRs have been validated by the District Level Teams.
- The PBRs are prepared in English language which may be least useful to local villagers as the villagers are not well conversant with English. Hence the PBRs should be prepared in Hindi and English (Bilingual).
- Prima facie it appears that TSG has completed the field work as formality the teams might have covered two to three villages in a day.

RECOMMENDATIONS FOR QUALITY IMPROVEMENT

To improve the quality of the PBRs which include the field data collection, involving local people in the programme, preparation of the documents, which includes validation by the district team. The TSG should complete the activities prescribed in the MoU to achieve the targets with quality. The following are suggested to improve. The list is not comprehensive it is only indicative. Therefore the TSGs are advised to take appropriate steps to prepare the Quality PBRs.

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2. Conduct village wise PRA exercises to bring awareness about the biodiversity, gather Traditional Knowledge and identify the traditional healers, persons with extensive knowledge

about the biodiversity. Conduct Focus Group discussions to identify specialists in the respective fields. Include women group to gather traditional knowledge.

3. Prepare village map based on the PRA exercise and the revenue map identify forest areas, wild biodiversity rich areas.

4. Initiate steps to complete various records pertaining to BMC / PBR. Village level meeting register, Traditional knowledge registers.

5. There should be good scrutiny of the field workers to collect the field data and they should be imparted good training. The field workers should be collecting the field data along with photographs with Geo reference, so that plant identification of rare species can be completed.

6. TSGs should engage specialists from Botany, Agriculture, Entomology and Wildlife to document rare wild biodiversity.

7. The specialists should check the scientific names and validate. The names of the scientists who have checked and validated should be included in the register.

8. The TSG should include all the agricultural crops, past and present and include the varieties as well. The extent of the crop should also be mentioned.

9. The TSG should prepare its monthly field activities plan and inform it to District Coordinators and HSBB.

10. The PBRs should include photographs of biodiversity, PRA exercise.

11. TSG should conduct training programme awareness programme to get the traditional knowledge documented.

- Sd -

Dr. G. V. Reddy
Chairman, SLPBRQMC

**REPORT ON EVALUATING QUALITY OF PEOPLE'S BIODIVERSITY
REGISTERS (PBRs) OF HISSAR (TSG-MAATY) AND JIND (TSG-CHAVI)
DISTRICTS BY PROF. SAMUNDER SINGH**

Date	Blocks/District	PBC visited
19.08.2021	Agroha, Hissar	Durjanpur (143), Kalirawan (36), Bhana (24), Landhri (140)
20.08.2021	Adampur/Hissar	Chuli Bagdian (8), Modakhera (31), Kohli (35)
23.08.2021	Barwala/Hissar	Jewra (132), Bahbalpur (67), Kharkhera (121), Hassangarh (118)
24.08.2021	Hansi I/Hissar	Masoodpur (85), Ghirai (24)
26.08.2021	Narwana/Jind	Danoda Kalan (89), Frain Kalan (78), Dharodi (72), Dhakal (121), Bhana Brahmanan (41)

OBSERVATIONS AND SUGGESTIONS

Sr. No.	Observations	Suggestions
1.	Some BMC have not been visited or visited only once in Hissar district with no PBR	TSG and their coordinators need to visit more frequently
2.	The quality of information in PBR is poor with respect to proper identification of species (scientific names).	Increase liaison with line department and expert service to identify with proper scientific names.
3.	Crop varieties name either missing, incomplete or wrong	Verification with state Package of Practices or line departments.
4.	Weed species only few and name incorrect	Suggested resource material and expert help.
5.	No information on soil microbes	Suggested to take help of Microbiology Department of CCSHAU Hissar.
6.	Fodder crop species incomplete or wrong	Need correction with varieties.
7.	Name of crop pests (insects) incorrect	Help from entomologist/resource material suggested.
8.	Soil types are wrongly mentioned	Though there are several classifications, but as a layman these can be simple as Sandy loam, Loamy Sand, Clay loam, Saline and Alkali soils.
9.	No proper breed name for animals/dogs etc.	Suggested information from NBAGR, line department and expert help.
10.	Wildlife information not complete	Verification required from line departments, expert help.
11.	Varietal information for pulses, oilseed, forage/fodder crop, vegetables incomplete	Use of resource material/expert help.
12.	Fruit trees	Orchards with crops/varieties to be mentioned in respective format
13.	Listing of aquatic plants/weed incomplete	Need updating, resource material suggested.
14.	Photographic proof of flora and fauna required	Missing info with some TSG.
15.	Format confusion, duplicity	The SBB perhaps lacks clarity as it was discussed in the meeting two months back that many formats seek overlapping information.

Soil of the Haryana Sub-Region have been classified and described under the following major soil types:

- Typic Ustochrepts : Soil of old alluvial plains.
- Typic Ustipsamments : Soil of Aravali plains.
- Typic Ustifluvents : Soil of recent alluvial plains and flood plains.
- Typic Torripsamments : Soil of Aeofluvial plains

These are 8 soil types

(1) Alluvial soils, (2) Black soils, (3) Red soils, (4) Laterite and Lateritic soils, (5) Forest and Mountain soils, (6) Arid and Desert soils, (7) Saline and Alkaline soils and (8) Peaty and Marshy soils.

- Sd -

Dr. Samunder Singh
Member, SLPBRQMC

**REPORT ON EVALUATING QUALITY OF PEOPLE'S BIODIVERSITY
REGISTERS (PBRs) of KURUSHETRA DISTRICT- TSG-DATAMATION BY DR.
SHARDA R. GUPTA**

The field visits were undertaken in 16 villages of six blocks of Kurukshetra district from 20 to 25 August, 2021 as per details given below:

Date	Name of Block	Name of Cluster Villages
20 August, 2021	Thanesar	Lukhi (414), Dhurala (404), Mirzapur (384), Kirmach (6), Amin (33)
21 August, 2021	Shahbad	Kalsana (266), Sambhalkhi (219), Teora (243), Kharindwa (116),
23 August, 2021	Ladwa	Bartauli (165), Nawarsi (336), Kheri Dablan (64)
23 August, 2021	Babain	Babain (145), Mirchaheri (348)
25 August, 2021	Pehowa	Gumthala Garhu (39), Murtajpur (48),
25 August, 2021	Ismailabad	Thol (289), Jhansa (299),

THE GENERAL OBSERVATIONS AFTER THE FIELD VISITS

An effort has been made By the TSG to make field visits to collect the primary field data concerning crop biodiversity, domesticated biodiversity, and some wild biodiversity on the basis of field surveys of 2 to 3days only, interaction with BMC members and villagers. However, the approach was not very scientific; the record of information is incomplete. Experts to identify plants, animals and insects were not consulted. The formats were not completed, very little information on traditional knowledge, not much clarity on the Access Benefit Sharing.

RECOMMENDATIONS FOR QUALITY IMPROVEMENT

The wild biodiversity needs to be fully documented based on more field surveys and secondary sources of data. Trends of population decrease or increase of plants and animals must be included. Preparing a digital record of flora and fauna in the field is important.

1. The biodiversity of wild animals must cover birds, insects, reptiles, amphibians, mammals.
2. The diversity of crop plants and different varieties grown, weeds in crop plants of rice, wheat, maize and sugarcane need to be documented fully.
3. The indigenous breeds of domestic animals must be included, their population trends.
4. The diversity of ornamental plants must be properly documented; for example, the diversity of ornamental plants in Murtzapur School and other places needs to be highlighted.
5. The scientific names of all the plants and animals must be given from authentic sources by consulting technical people and referring to authentic secondary sources.
6. The map of study area, and photographs must of good quality, Geo-tagging of old trees and rare trees in different villages would be useful.
7. The aquatic biodiversity is poorly documented, needs to be studied properly keeping in view the importance of ponds in the villages.
8. The traditional knowledge registers must be prepared based on interviews of local people.
9. The line department must be consulted to improve the quality of PBRs
10. The PBRs need thorough revision and quality improvement, and must be technically sound.

- Sd -

Dr. Sharda R. Gupta
Member, SLPBRQMC

REPORT OF EVALUATING QUALITY OF PBRs OF KARNAL DISTRICT TSG-DATAMATION AFTER FIELD VISITS OF SIX BLOCKS OBSERVATIONS AND RECOMMENDATIONS BY DR. RAM CHAND

1. The PBRs need technically complete revision.
2. Line Departments must be consulted.
3. TK needs to be completed after contacting villagers.
4. Aquatic Biodiversity needs to be documented in detail.
5. Plants, animals with their scientific names must be mentioned.
6. Population of Local animal breeds reduced, deleted needs to be documented.
7. Population reduction of insects, birds, mammals, Reptiles was poorly documented.
8. Various weeds growing in different crops & vegetables were incomplete.
9. Meetings with BMC need to be conducted for awareness of importance of Biodiversity.
10. The approach of TSG was not very scientific and the information was not complete. Experts and subject matter specialists were not consulted. ‘
11. Access Benefit sharing i.e. tradable Resources available was not mentioned.
12. Wild plants of medical importance needs to be listed.

13. Wetland Biodiversity & Wild Biodiversity - Shrubs, Herbs, tubers, & climbers need to be mentioned in more detail.
14. BMC members need training. Only one training was conducted so far in all the villages visited.
15. More efforts are needed by TSG to collect more data as per PBR format and mentioning the information on Biodiversity scientifically.
16. TSG must establish rapport with villagers & BMC for collecting relevant information on Biodiversity by spending more time.

- Sd -

Dr. Ram Chand
Member, SLPBRQMC

**MINUTES OF 5TH MEETING OF STATE LEVEL PBR QUALITY MONITORING
COMMITTEE HELD ON 13.10.2021 AT 11.00 ON IN THE COMMITTEE ROOM OF
HSBB ON VIRTUAL MODE.**

5th Meeting of State Level PBR Quality Monitoring Committee (SLPBRQMC) was held on 13.10.2021 at 11.00 AM under the Chairmanship of Dr. G.V.Reddy, IFS (Retd.), Chairman, SLPBRQMC in the Committee Room of HSBB at Panchkula on virtual mode.

Dr. Sharda R. Gupta, Dr. Ram Chand, Members of SLPBRQMC attended this meeting virtually and Dr. Samunder Singh, Member, SLPBRQMC attended this meeting in person. Sh. Vineet Kumar Garg, IFS, Chairman, HSBB, Sh. Gurmeet Singh & Sh. Prakash Mehta, SOs also attended the meeting.

The Committee reviewed the progress of preparation of PBRs and their quality. The members of SLPBRQMC made their comments as under:

1. The members observed that secondary data has not been used and less information has been given in the PBRs about fauna and flora. The information filled up in many Formats was found not to be as per the requirement of the Formats. Information about insects, weeds, domestic and wild animals has been found insufficient. Many native species have been left. It has also been observed that the information filled up in Annexures is also not upto the mark. Grammatical and Spelling mistakes are common in the PBRs. The scientific names of many species have been written wrongly. Photos have also been found to be without caption. Address and contact numbers of Knowledge Holders, BMC members, officers & officials were found missing in most of the PBRs.
2. The members further observed that the comments / suggestions conveyed to the TSGs by them have not still been incorporated in the revised PBRs.

The Chairman & other Members of SLPBRQMC were of the view that there is improvement in the quality of the PBRs being prepared by the TSGs but these need to be further improved. The Committee suggested that HSBB should organise some workshop / training session to impart training to all the TSGs and District Coordinators of HSBB on all aspects of biodiversity and PBR preparation.

The Chairman, HSBB agreed to the suggestion of the SLPBRQMC and it was decided that HSBB will hold a 2 days Workshop on "Skill Development on Biodiversity Documentation & Preparation of People's Biodiversity Registers (PBRs) in Panchkula on 21st and 22nd October, 2021 in which Experts of different fields from reputed Institutions/ Universities will be invited to deliver their lectures and impart Format wise training to TSGs which will facilitate the TSGs to improve the quality of PBRs. The TSGs will nominate suitable, competent and qualified staff engaged in PBR preparation for this training Workshop.

The meeting ended with a vote of thanks to the Chair.

Endst. No. HSBB/ 1390

dated 18.10.2021

A copy is forwarded to the following for information and necessary action:-

1. Chairman/ Members, SLPBRQMC, Haryana
2. All Technical Support Groups (TSGs), HSBB, Haryana
3. All District Coordinators, HSBB, Haryana

Neetu P.K.
18/10/2021
Scientific Officer-cum-Nodal Officer
SLPBRQMC, Haryana, Panchkula.