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| **Process Name** | **Stakeholders** | **Concerns (Problems)** | **Analysis (Reason of the Problem)** | **Proposed Solution** |
| **Data Entry** | A. Weather station/ Research organizations & NGOs/ City Corporation  B. Forest Ministry | 1. Time Consuming  2. Too many entities involved  3. No direct way to entry data. | 1. Data has to be collected and then sent from one source to another and then another source for verification before entry.  2. There is no process for data collectors to directly entry data into the system and to know whether their sensors are working perfectly. | 1. Make the process more streamlined, no need to involve so many entities.  2. Create a form through which data can be entered by data collectors directly. |
| **Data Verification and Processing** | A. Admin | 1. Manual Checking  2. Lack of relevant communication. | 1. Data is verified manually by representative by pen and paper, which is time consuming and unnecessary.  2. Once data is verified, if there are issues there is no way to let data collectors know. | 1. This verification can be done automatically by the system through checking software.  2. Any issues or changes in data or sensors can be caught and can be informed to the data collectors through reports. |
| **Entry of processed data and proposing changes** | A. Admin | 1. No way to edit templates of reports.  2. Reports do not have information regarding data verification. | 1. Information about changes has to be proposed by ministry and then sent to representative and then to city corporation for actually implementing changes, very slow process. | 1. Make the process more streamlined, no need to involve so many entities.  2. Make a comment box in the system where city corporation can directly send in proposed changes. |
| **Generate reports** | A. Users  B. Policy Makers | 1. No way to edit templates of reports.  2. Reports do not have information regarding data verification. | 1. There is no way to make changes or additions to the reports in case more information is asked to be represented on the report.  2. After data verification, if there is problem with sensors there is no way to inform data collectors. | 1. Allow option for city corporation to make changes to template of reports as required.  2. Include information about data verification and sensors to the reports to be downloaded by data collectors. |