## **RANKING OF ALTERNATIVES/APPROACHES**

| Criteria      | Sediment<br>Monitoring<br>and Mgt | Agricultural<br>Runoff<br>Monitoring<br>and Mgt | Institutional<br>and Policy<br>Mgt | Lake<br>Easement<br>Monitoring<br>and Mgt | IEC<br>Campaign | Domestic<br>Waste<br>Water<br>Mgt | Aqua-<br>Structure<br>Zoning<br>and Mgt | Control<br>and Mgt of<br>Invasive<br>Species |
|---------------|-----------------------------------|---|------------------------------------|---|-----------------|-----------------------------------|---|--|
| Cost          | 5                                 | 4   | 1                                  | 7   | 2               | 8                                 | 6                                       | 3  |
| Technology    | 7                                 | 3   | 1                                  | 4   | 2               | - 8                               | 6                                       | . 5  |
| Effectiveness | 4                                 | 3   | 8                                  | 5   | 6               | 2                                 | 1                                       | 1  |
| Priority      | 7                                 | 6   | 3                                  | 5   | 2               | 4                                 | 8                                       | 1  |
| Total         | 23                                | 16  | 13                                 | 21  | 12              | 22                                | 27                                      | 10   |
| Rank          | 2                                 | 5   | 6                                  | 4   | -1              | 3                                 | 1                                       | 8  |

# Project Design Matrix

Project Title: Implementation Duration:

Implementing Agencies/Entity: Source of Funds:

Location: Beneficiaries:

| Narrative Summary   | Objectively Verifiable<br>Indicators                                | Means of Verification   | Important<br>Assumptions  |  |  |
|---|---|---|---|--|--|
| Overall Goal What is expected after the project purpose is achieved?        | Standards for measuring project achievement                         | Data sources from which indicators are derived                              | Important, however,<br>uncontrollable factors<br>of the project. Its<br>fulfilment is uncertain |  |  |
| Project Purpose  What should the project achieve within the project period? |   |   |   |  |  |
| Outputs  How should the project achieve the Project Purpose?                |   |   |   |  |  |
| Activities  What should actually be done to achieve the Outputs?            | Inputs  Personnel, materials, equipment, factorized for the project | Pre-Conditions  Conditions that must be fulfilled before the project starts |   |  |  |

# Plan of Operations

|            | Expected |                | Time Activity is Undertaken Year 1 Year 2 Year 3 |   |      |   |   |   |   |   | n | 10 | r    | 2 |               | Resources | Assumption |
|------------|----------|----------------|--|---|------|---|---|---|---|---|---|----|------|---|---------------|-----------|------------|
| Activities | Results  | be<br>Achieved | Q  | Q | Q    | Q | Q | Q | Q | Q | Q | Q  | Q    | Q | Office/Person | Needed    | Assumption |
|            |          |                |  |   |      |   |   |   |   |   |   |    |      |   |               |           |            |
|            |          |                |  |   |      |   |   |   |   |   |   |    |      |   |               |           |            |
| A 1        |          |                |  |   | 2000 | 1 |   | 9 |   |   |   |    | 11   |   |               |           |            |
|            |          |                |  | - |      | 0 |   |   |   |   |   |    |      |   | v i           |           |            |
|            |          |                |  |   |      |   |   |   |   |   |   |    | - 11 |   | 4             |           |            |
|            |          |                |  |   |      |   |   |   |   |   |   |    |      |   |               |           |            |
|            |          |                |  |   |      |   |   |   |   |   |   |    |      |   |               |           |            |

## Monitoring and Evaluation

| Narrative<br>Summary                                      | Indicator<br>(OVI)   | Data source<br>(MoV)  | Data<br>collection<br>methods  | Frequency of data collection   | Unit in charge                              |  |  |
|---|--|---|--|--|---|--|--|
| What will be achieved in the long, medium and short term? | Parameter to<br>measure<br>progress of<br>achieving<br>objectives<br>(results) | Individuals,<br>organizations,<br>documents or<br>reports from<br>which data is<br>obtained | Methods and techniques used to measure achievement of objectives (results) | How often will<br>data be collected?<br>Daily, monthly,<br>quarterly,<br>annually? | Who is responsible for collecting the data? |  |  |
| Overall Goal<br>(Impact)                                  |  |   |  |  |   |  |  |
| Project Purpose<br>(Outcome)                              |  |   |  |  |   |  |  |
| Outputs   |  |   |  |  |   |  |  |
| Activities  |  |   |  |  |   |  |  |

### Operation and Management Plan for

#### Sustainability Institutional Collaboration and Organizational

Strengthening



- ✓ Institutional collaboration is important at all levels of project development to prevent conflict and duplication of efforts and
- thereby save on limited resources. LLDA, having the overall mandate over the lakes, should review/formulate and implement policies supportive to the international, national, and regional goals and objectives on lake basin management and Other
- ✓ Support of local government units in terms of enforcement of environmental laws and regulations as well as provision of initial funding is integral to the