NPD on IWRM in Armenia

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Scope of works

Objective:
- Achievements and bottlenecks on introducing IWRM principles in Armenia
- Implementation of IWRM principles in pilot river basin

Period: Since 2007

3 phases

Steering committee: more synergies and coordination of activities
Phase 1

- Baseline conditions and pressures on for IWRM in the Marmarik River basin
  - Hydromorphology and water quality in the basin,
  - Assessment of natural and anthropogenic impacts on water,
  - Identification of preferred water use
Phase 2

- Desired conditions for water uses and functions in the Marmarik River basin, and identification of measures to achieve the desired conditions
  - Identification of desired conditions for water uses and functions
  - Identification of measures to achieve desired conditions,
  - Preliminary cost estimates of measures,
Phase 2

Public involvement in decision making

Is there a need to involve public more in decision making?
- Yes: 25%
- No: 15%
- Difficult to answer: 60%

Main source of water pollution
- Land processing: 5%
- Livestock: 2%
- Domestic waste: 11%
- Industrial waste: 34%
- Wastewater: 1%
- Other: 5%
- No answer: 35%

Proposed concentration area for decision makers
- Water quality: 6%
- Water quantity: 19%
- Rational use: 15%
- Regulation of flow: 12%
- Water-related disaster prevention: 11%
- Water resources protection: 12%
- Enforcement of permit conditions: 27%

Proposed way of public involvement
- Basin council: 31%
- Public hearings: 21%
- Other/no answer: 48%
Phase 3

- Introduction of payment for ecosystem services schemes in the upper Hrazdan River basin
  - Characterization,
  - Analysis of natural resources use,
  - Diagnostic analysis
    - Water quantity
    - Water quality
    - Erosion processes
    - Deforestation
    - Land degradation
Follow-up Actions

  - Based on NPD activities in Marmarik River basin

- Second generation reforms in water sector
  - Request to support through the NPD process