



PROJECT

Transboundary Water Management Adaptation in the Amudarya Basin to Climate Change Uncertainties

Report

3.1. Creation of a shape-file of soil map for irrigation zones in the Amudarya River and work with GIS objects of irrigated agriculture under the Project

Project manager

Prof. V.A.Dukhovniy

Responsible for the position

G.F.Solodkiy

Executor

I.I.Ruziev

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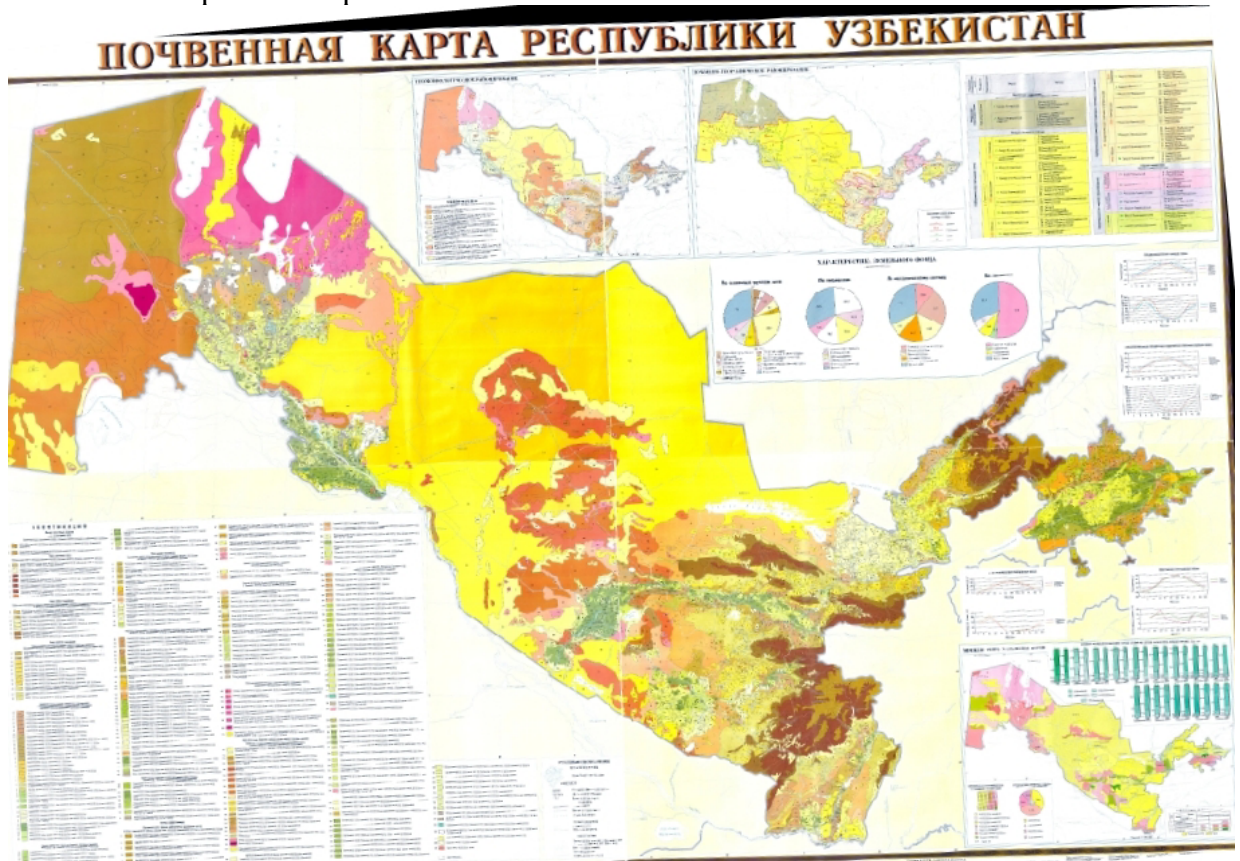
According to the Terms of Reference of the PEER project, the following work was carried out:

- Soil maps of Uzbekistan and Tajikistan were scanned and converted to img format for georeferencing.
- Soil maps of Uzbekistan and Tajikistan were digitized and the shape-file for irrigated zones in the Amudarya River was created, with the soil texture mentioned in attribute tables.

E-materials (shape-file) were submitted to G.F.Solodkiy.

Annexes:

1. Soil map of the Republic of Uzbekistan



2. Soil map of the Republic of Tajikistan for irrigated zones in the Amudarya River



The report should include:

1. Research objective and tasks
2. Research methodology
3. Data
4. Derived results and conclusions

Annexes:

Data list (maps, schemes, xls tables)

Data sources, references

The report should include:

1. General provisions (State, problems, research rationale, practical and scientific importance, and research object)
2. Objective, tasks, and solutions (planned activities)
3. Research methodological base and applied methods
4. Derived results, their justification and validation
5. Main outcomes, scientific novelty, and importance