

Project proposals for
implementation within the
framework of cooperation with
the EU

Name: “Creation of an interactive ecological map of the Republic of Uzbekistan with a high degree of visualization”

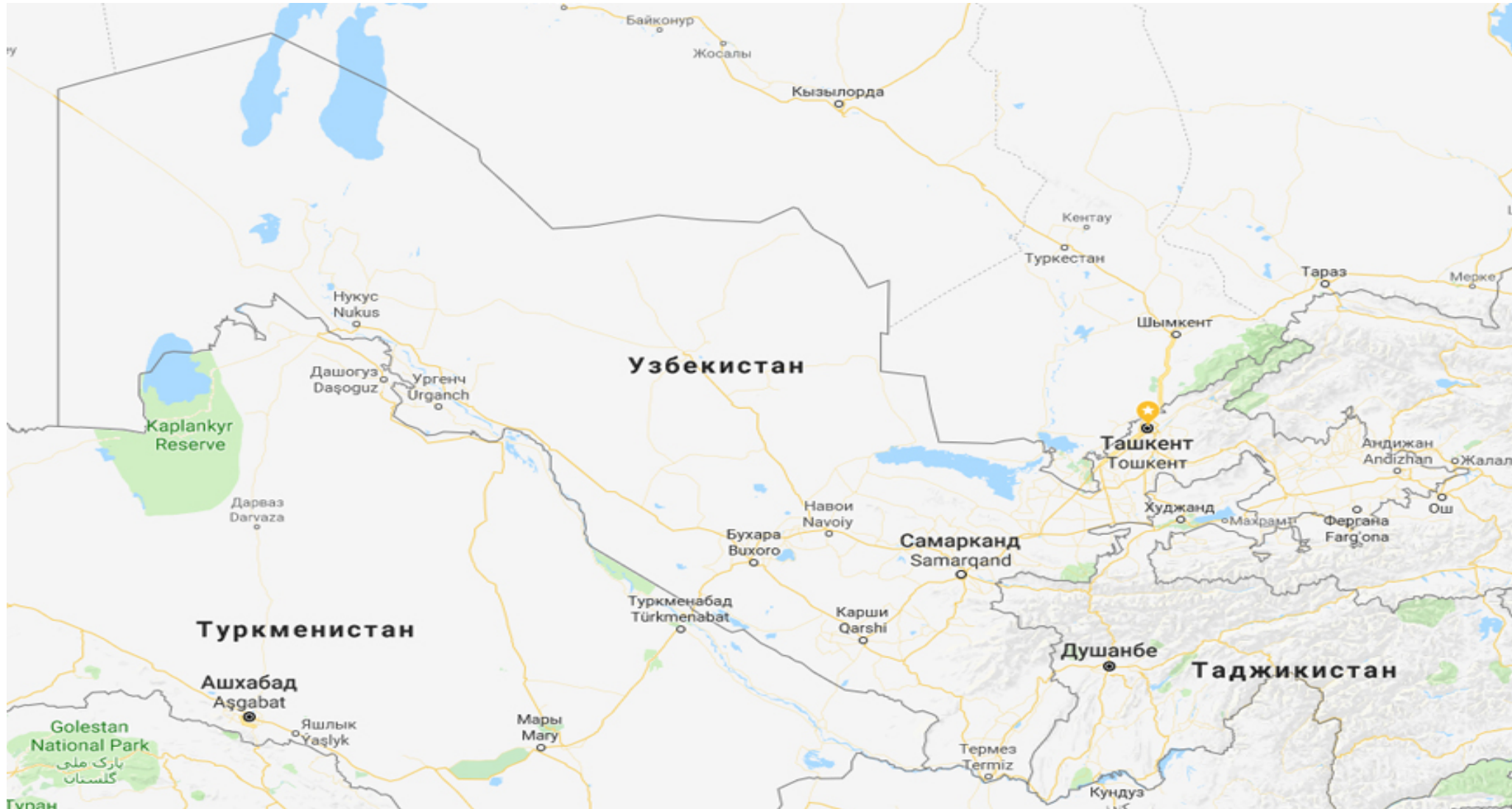
Purpose: Creation of an interactive ecological map of the Republic of Uzbekistan with a high degree of visualization, aimed at increasing the efficiency of state environmental monitoring, the speediness of decision-making in crisis situations, and raising public awareness of the current condition of the environment.

Expected outcomes:

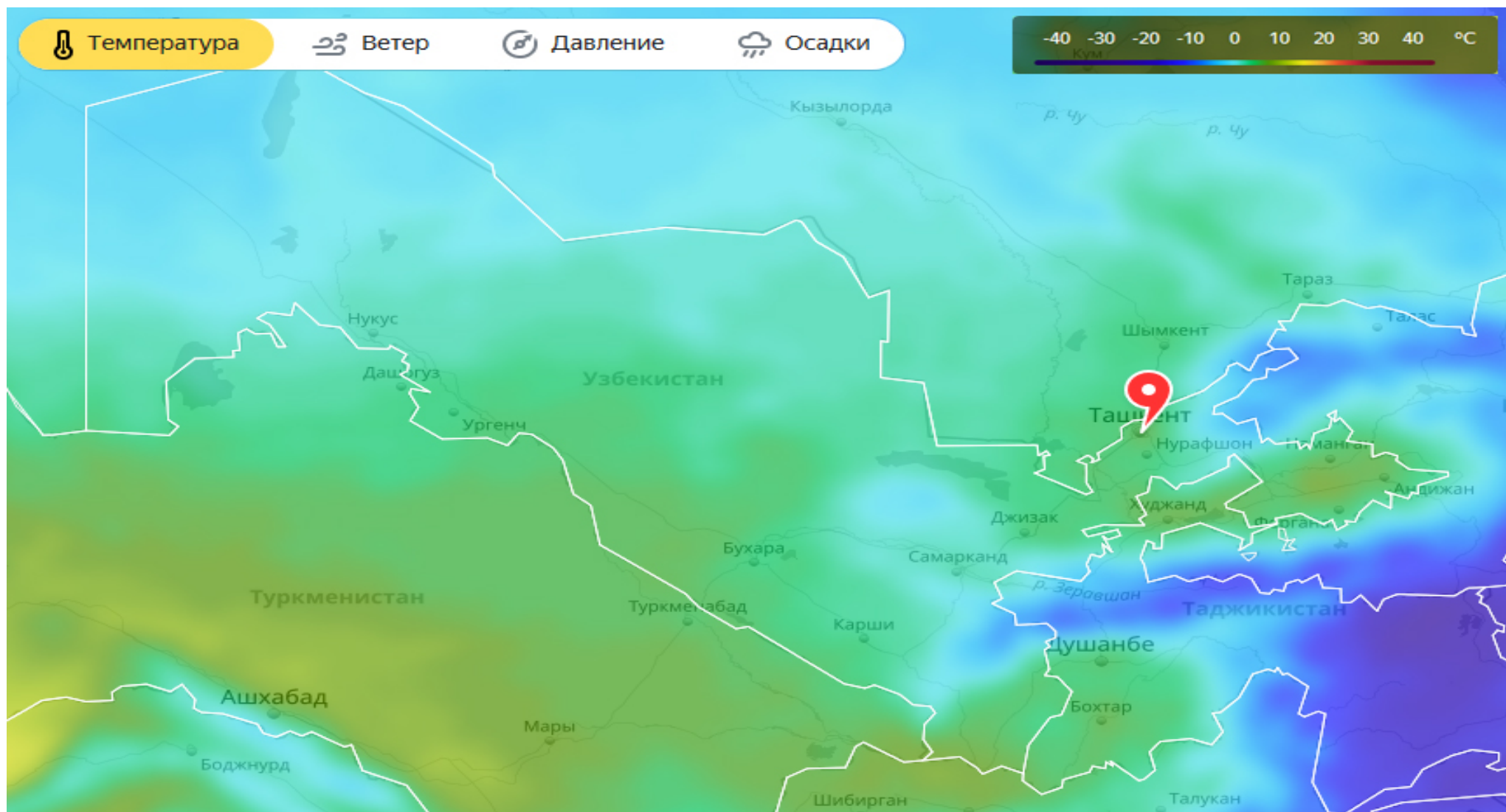
- The legal framework regulating environmental monitoring improved;
- The system for coordination and information exchange between the involved ministries and agencies improved;
- The principles and criteria for assessing the ecological condition of territories defined;
- An interagency information system for environmental monitoring developed;
- A reliable ecological map of the Republic of Uzbekistan created;
- Public awareness of the current environmental condition increased.

Duration: 2018-2019

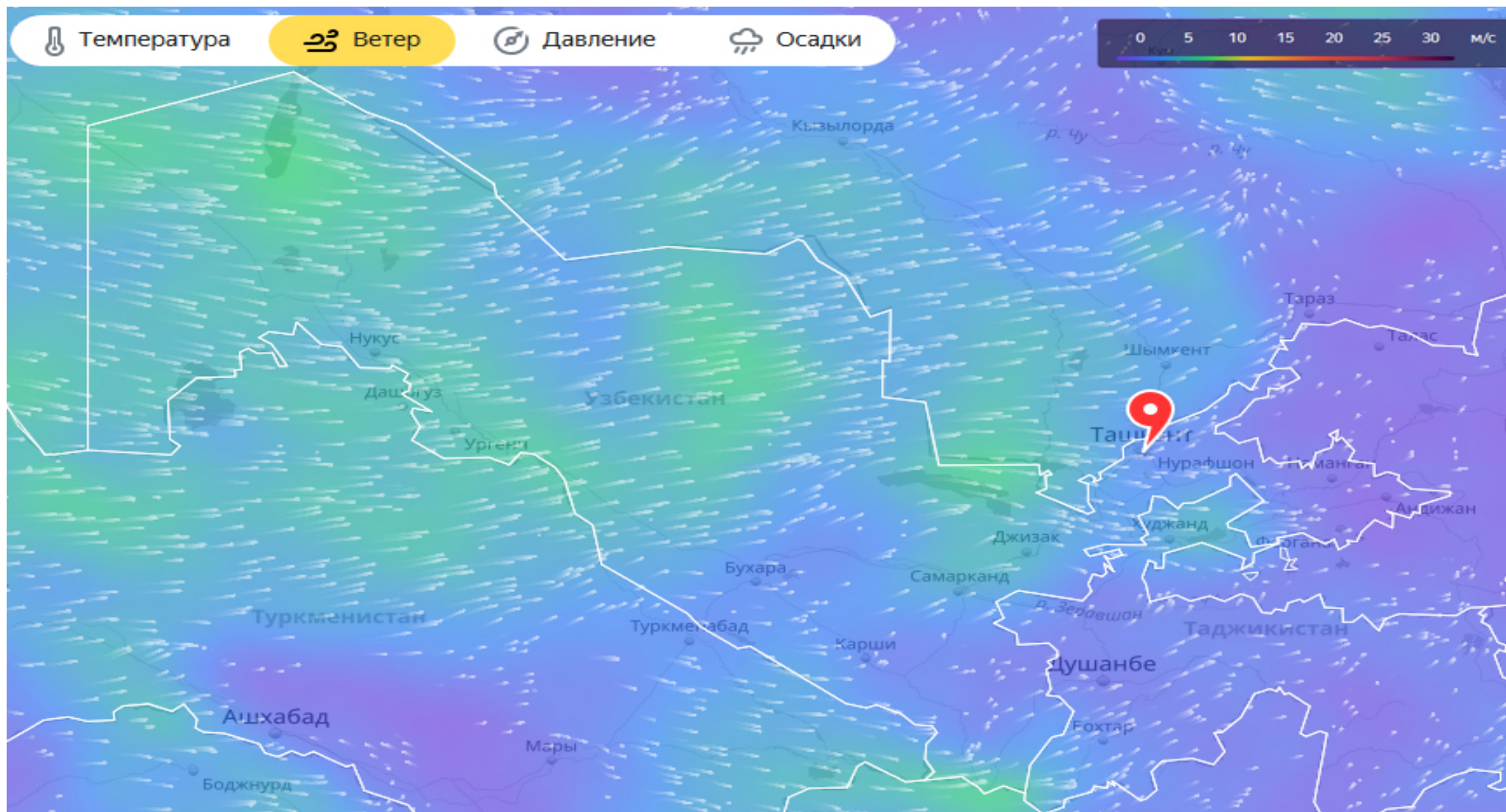
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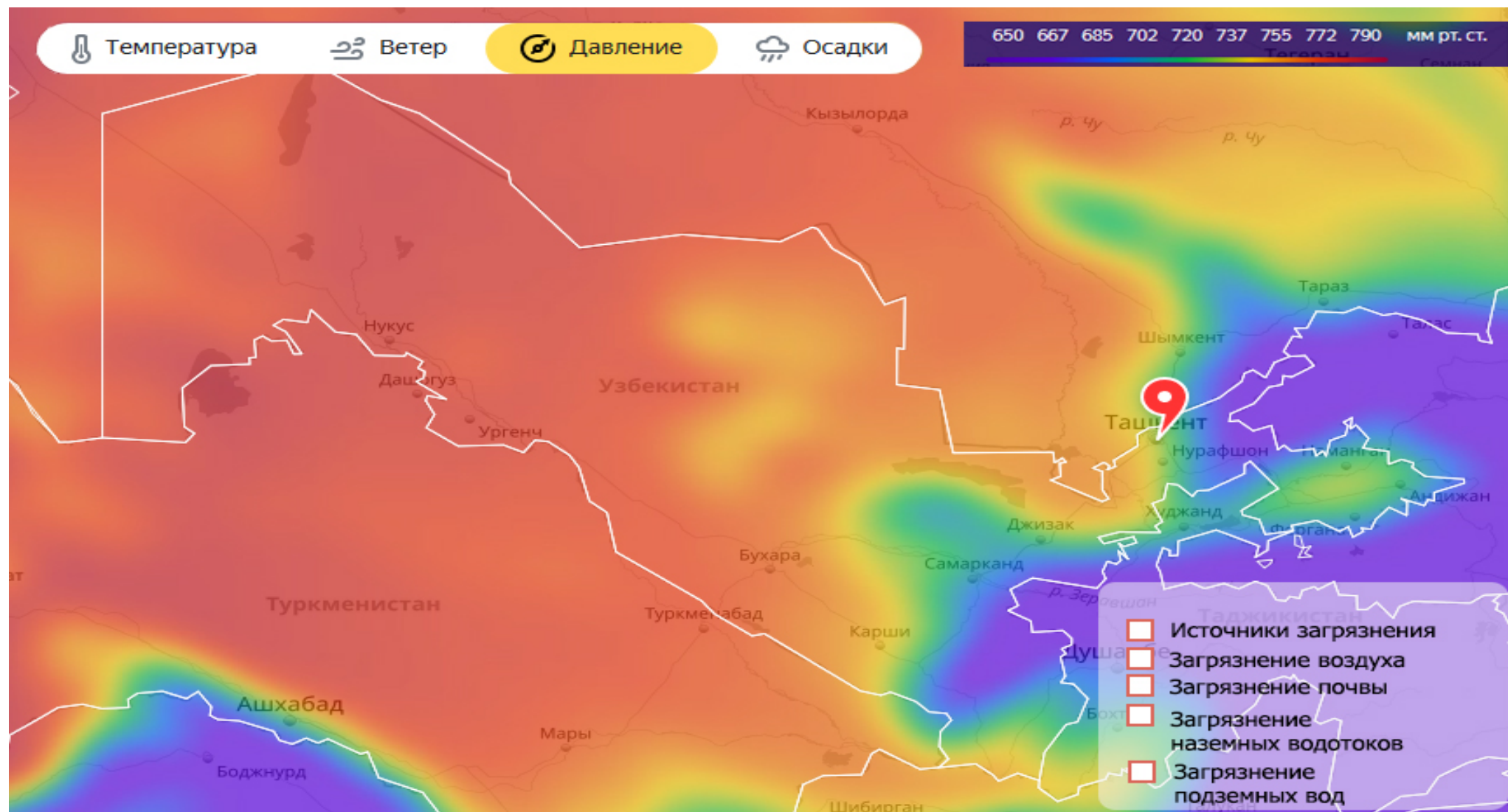
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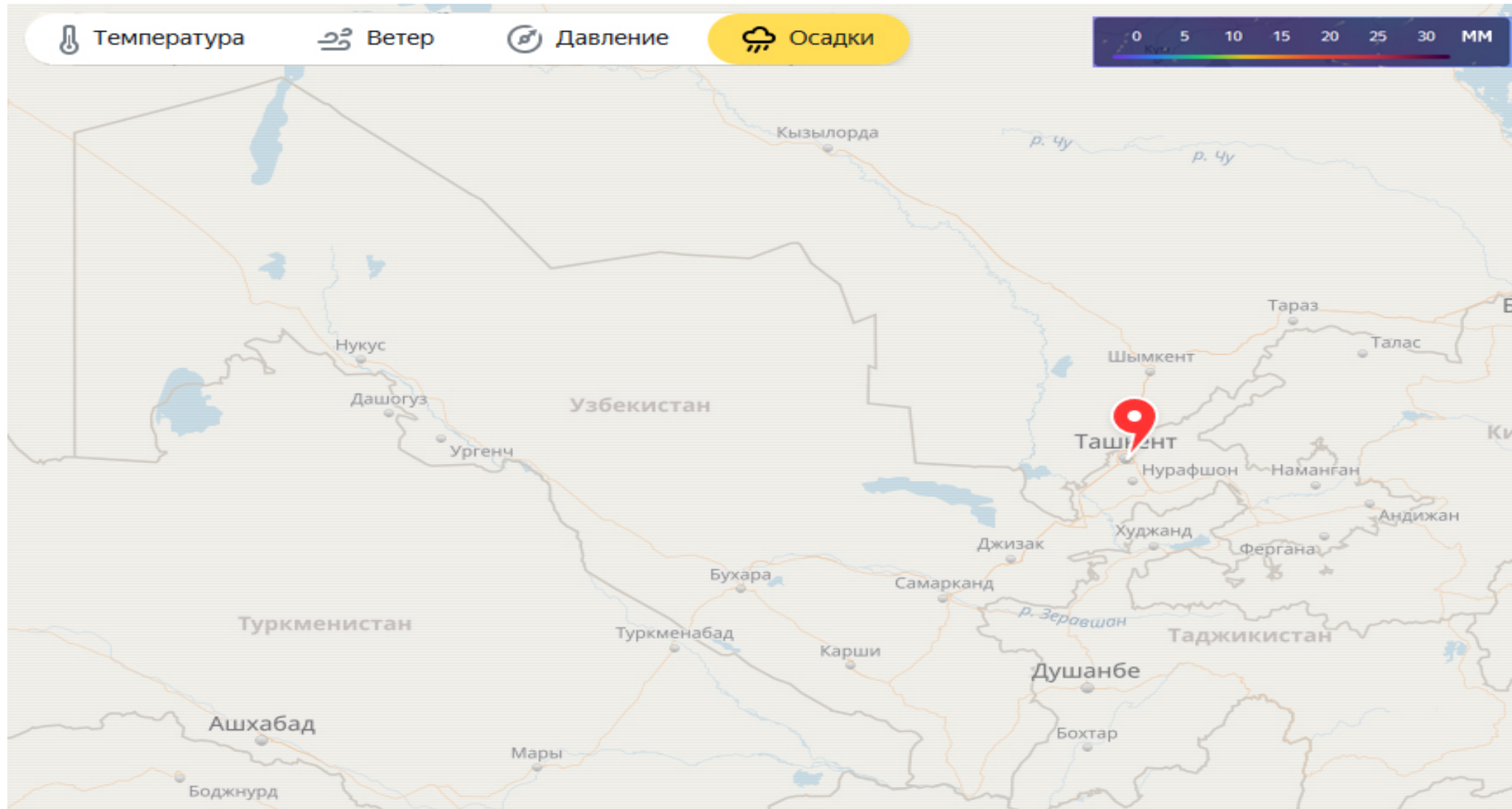
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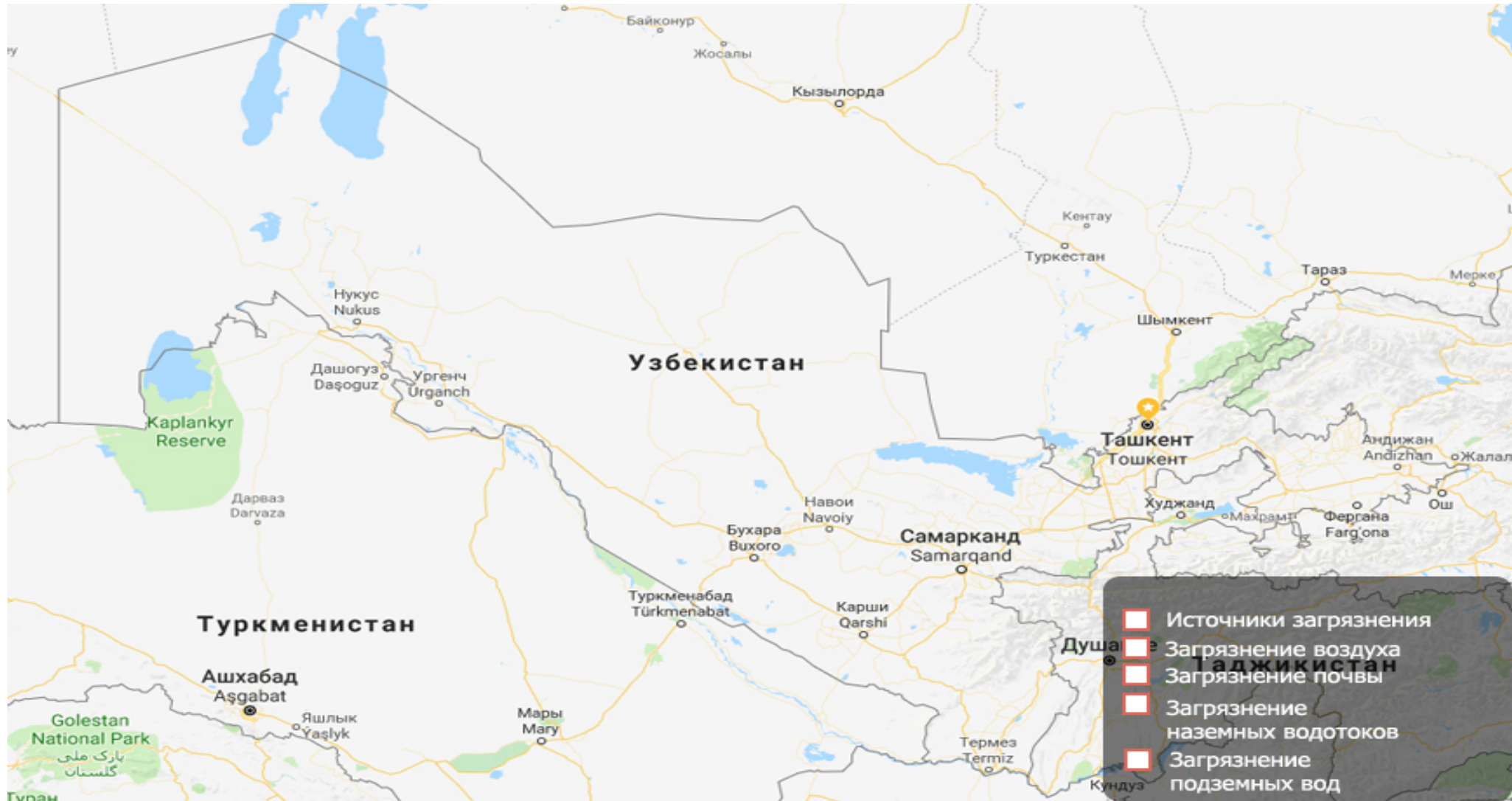
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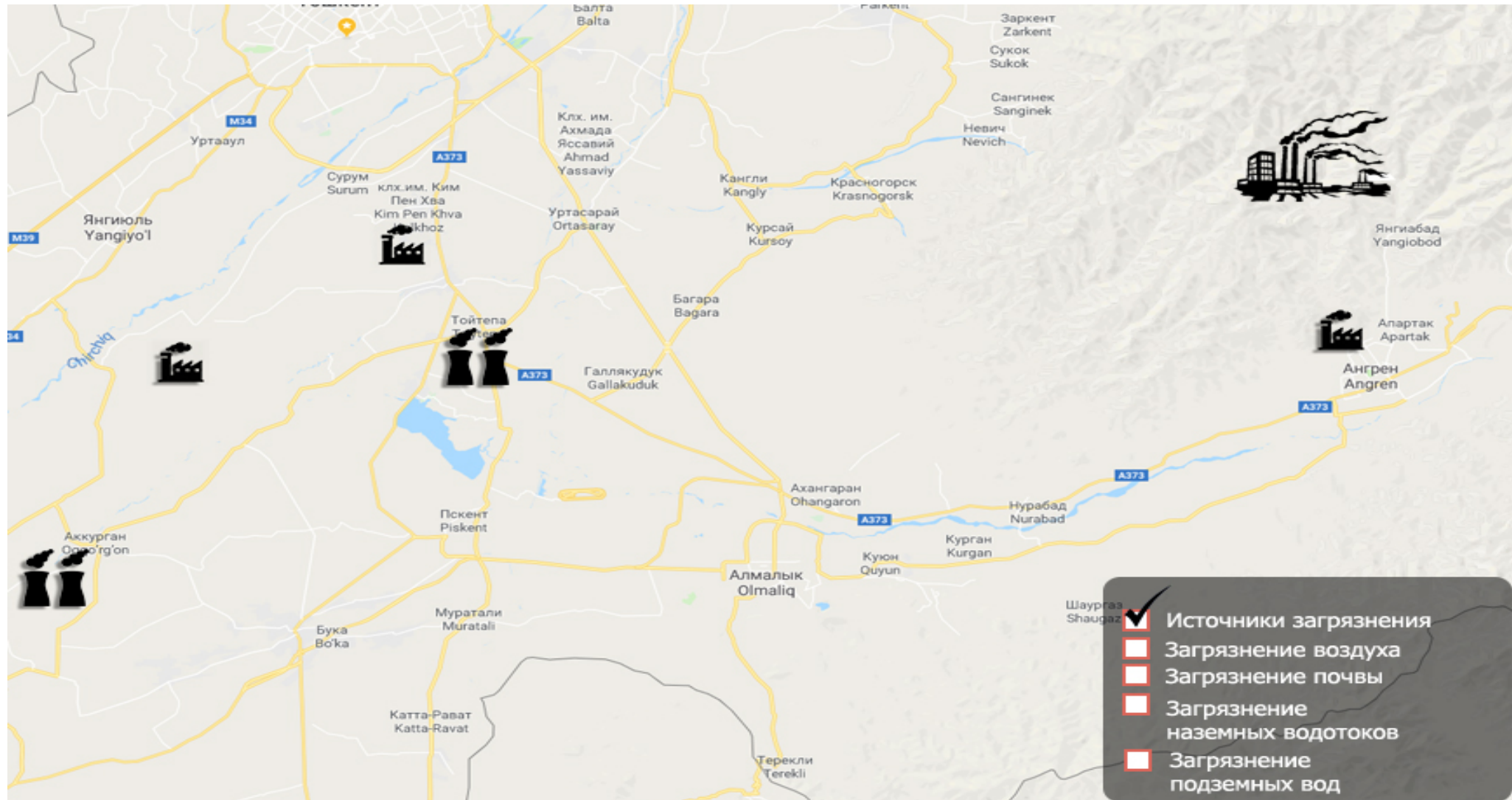
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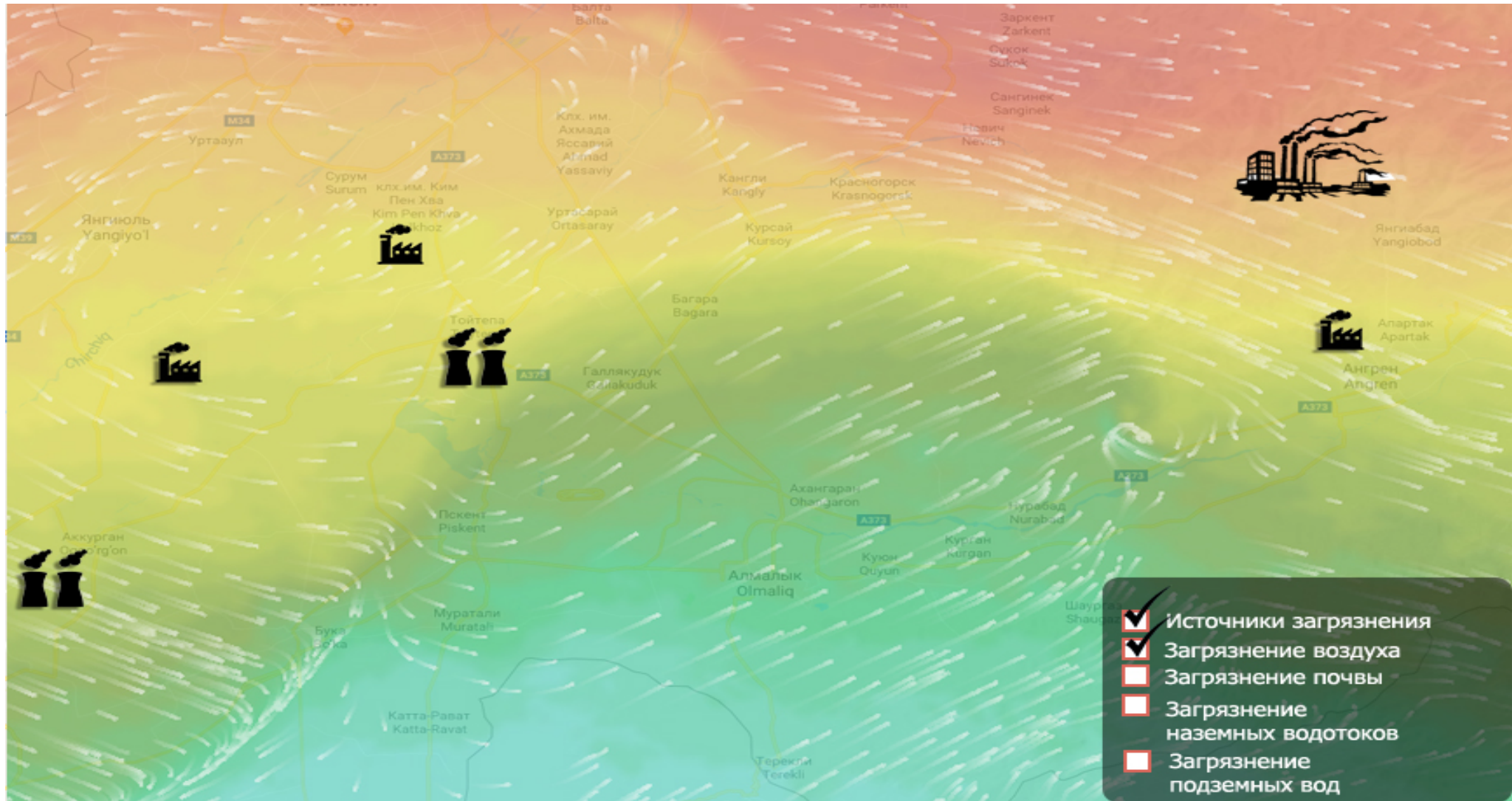
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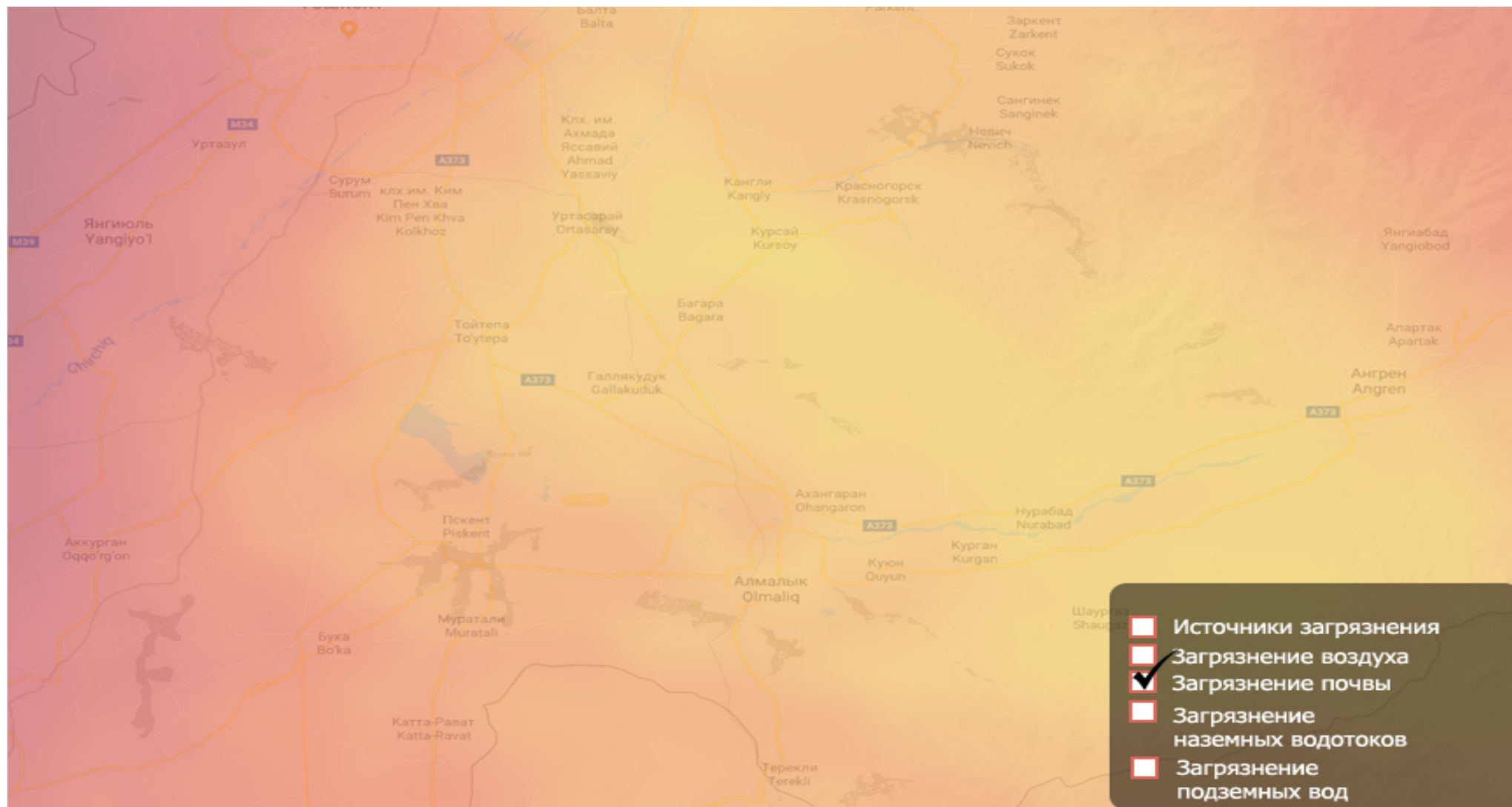
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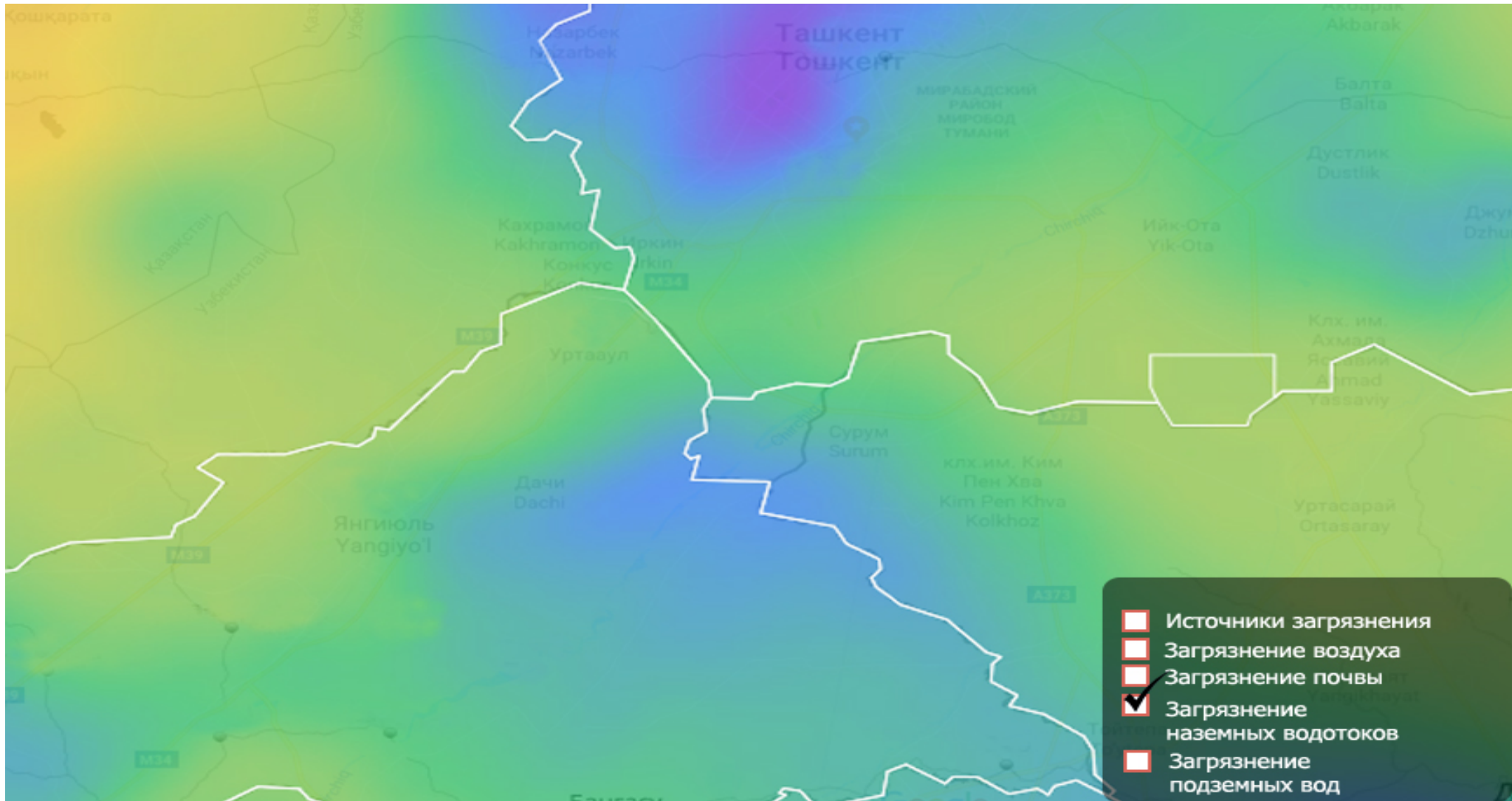
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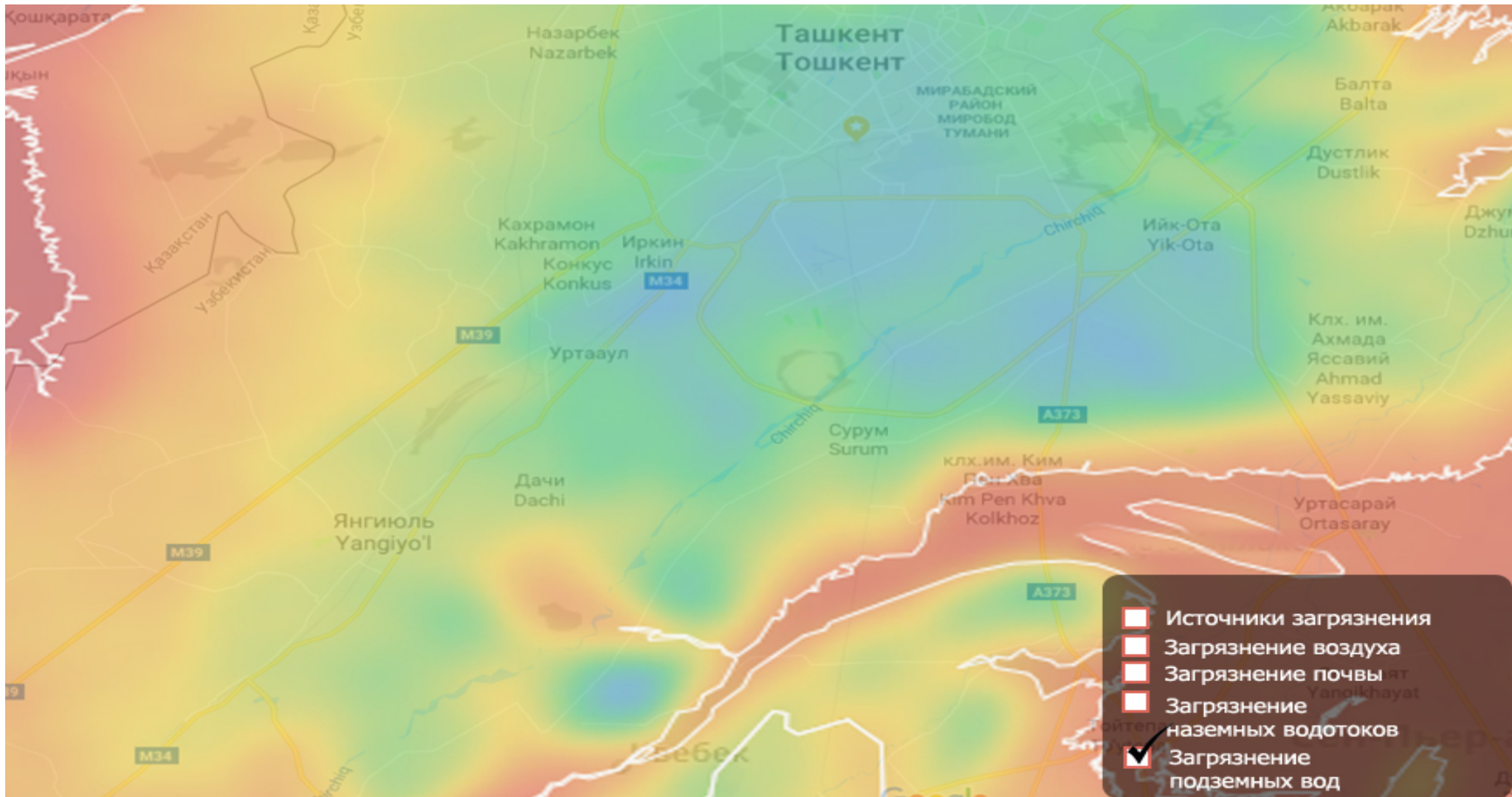
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Name: “Creation of a scientific cluster in the field of ecology and environmental protection”

Purpose: Organization of a sustainable scientific cluster in the field of ecology and environmental protection that is capable to do comprehensive work, beginning from scientific research to introduction of ideas in acting technological processes.

Expected outcomes:

- Sustainable regional scientific center established in the field of ecology and environmental protection;
- Countries of the region have received access to the newest technologies in the field of ecology and environmental protection adapted to the specific character of the region;
- Effective platform created for exchange of opinions for academic circles of the countries in the region.

Duration: 2018-2020

Name: “Establishment of a cluster for toxic solid domestic waste disposal in Uzbekistan to ensure environmental safety”

Purpose:

- Creation of an efficient system for toxic solid domestic waste management providing for maximum environmental and economic benefits.

Expected outcomes :

- The national regulatory and legal framework in the field of toxic solid domestic waste management improved, clear tasks and responsibilities defined for all parties involved in toxic solid domestic waste management, the international standards and requirements for environmentally safe management of toxic solid domestic waste implemented;
- Normative and technical documents adopted, which establish ecological, sanitary and technological requirements for collection, transportation, utilization, processing and disposal of toxic solid domestic waste;
- Strengthened control and increased responsibility for compliance with the requirements of the legislation by all parties involved;
- A system for separate collection and transportation of toxic solid domestic waste created, which enables to fully service individuals and legal entities, minimize environmental risks from uncontrolled toxic solid domestic waste management.

Duration : 2018-2021

Name: “Equipping with five mobile laboratories and modernization of departmental analytical service of the State Specialized Inspection for Analytical Control (SSIAC) of the State Committee for Ecology and Environmental Protection of the Republic of Uzbekistan”

Purpose: Improving the quality of the complex ecological monitoring of the environment and the efficiency of pollution sources identification through introduction of modern measurement techniques and devices.

Expected outcomes :

- The state monitoring system over environmental pollution sources is improved;
- The quality of inspection of the environment objects is improved, and the list of environment pollutants under control is expanded;
- Rapid response in emergency situations and detection of pollutants in a shortest possible time is developed;
- Advanced methodologies for environmental pollution measurement are utilized;
- A single database for environmental monitoring information inter-agency sharing is established.

Period: 2018 – 2019

Name: “Development of an integrated system for solid domestic waste management in Uzbekistan in order to ensure environmental sustainability and low-carbon development”

Purpose: Introduction of an integrated system for waste management, which provides for maximum environmental, climatic and socio-economic benefits.

Expected outcomes :

- The national regulatory and legal framework in the field of waste management improved, clear tasks and responsibilities defined for all parties involved in the waste management process, international standards and requirements for waste management and landfill management implemented.
- Normative and technical documents adopted, which establish ecological, sanitary and technological requirements for waste collection, transportation, utilization, processing and disposal, as well as for the operation of solid domestic waste landfills that take into account modern standards and standards (adapted to the conditions of Uzbekistan), including in terms of reducing greenhouse gas emissions.
- State Unitary Enterprise "Toza Hudud" and the Waste Management Inspection provided with a well-developed material and technical base and qualified staff.
- A system for collection and transportation of solid domestic waste created, which enables to fully service individuals and legal entities, minimize greenhouse gas emissions from temporary waste storage, operation of specialized vehicles, as well as infrastructure facilities in accordance with sanitary and environmental requirements.
- A unified system for monitoring the entire chain of solid domestic waste management created.

Duration : 2018-2021

Name : “Establishment of a state natural sanctuary on the basis of “Saykhun” enterprise”

Purpose: Establishment of an integrated system for biodiversity conservation and introduction of sustainable methods for nature management within the framework of a state natural sanctuary on the basis of “Saykhun” enterprise.

Expected outcomes:

- Saykhun" enterprise transformed into State Natural Sanctuary in the form of a state nature protection institution;
- Natural sites and habitats under protection in the territory of the sanctuary conserved;
- Biological and landscape diversity provided, ecological balance maintained in the sanctuary;
- Measures taken to reproduce and restore all natural sites and habitats under protection;
- Scientific research conducted, biodiversity monitoring carried out, scientific personnel and specialists trained in the field of ecology and environmental protection, environmental education activities carried out;
- Mutual understanding reached with the local population about ecosystem services and increased interest in their conservation, as well as in the sustainable use of natural resources.

Duration: 2018-2020

Name: “Strengthening the energy saving potential of buildings in Uzbekistan by creating modern energy audit system in the public sector based on international standards”

Purpose: Reducing burden on the environment in public sector energy consumption by strengthening the institutional framework and technical capacity of the State Committee for Ecology and Environmental Protection of the Republic of Uzbekistan in the field of using energy audit tools for buildings.

Expected outcomes:

- Justified energy saving potential of various profiles of buildings in the public sector of the country;
- Developed methodology for evaluating of energy efficiency in selected facilities in accordance with the established parameters and criteria for the conditions of the republic;
- Group of trained professionals in SIC "Eco-Energy" of the State Committee for Ecology and Environmental Protection of Uzbekistan functioning according to the international standards, equipped with the necessary instruments to carry out energy audit in buildings;
- Ensured sustainability of the project by the approval of methodology for energy audit of buildings in the public sector.

Duration: 2018-2019

Name : “Phyto-melioration of degraded lands in the north-western pastures of Kyzylkum in Navoi province through planting black saxaul and reducing the impact of Aralkum on the region”

Purpose: Improvement of socio-ecological situation through restoration of pastures and degraded lands in the north-western territory of Navoi province by planting black saxaul and development of livestock farming. Spreading acquired experience throughout the region.

Expected outcomes :

- Ecological and landscape condition improved in the north-western territory of Navoi province;
- A part of pastures and degraded lands restored;
- Experience acquired for broadening project activities.

Duration: 2018-2020

Name: “Biodiversity conservation by improving the efficiency of state nature reserves and by advanced training of specialists in management of protected natural areas”

Purpose: Long-term biodiversity conservation in Uzbekistan by improving the efficiency of state nature reserves and by introducing advanced and innovative approaches to management of protected natural areas and advanced training of staff at protected areas.

Expected outcomes:

- Infrastructure and material-and-technical base of protected zones in 8 state nature reserves created;
- Territorial protection of most important elements of biodiversity (rare species of plants and animals, phytocenosis and zoocenosis, unique landscapes) strengthened;
- Advanced and innovative approaches to management of protected natural areas introduced;
- Professional skills of the staff of protected natural areas improved.
- Plans for management of protected natural areas developed taking into account the conservation of biodiversity species composition.

Duration: 2018-2021

Name: “Development and expansion of “Jeyran” Eco-center for breeding rare species of animals

Purpose: Strengthening the capacity of “Jeyran” nursery through broadening the scope of reproducible species of rare animals and range of provided tourist services.

Expected outcomes:

- Breeding of three additional animal species ensured;
- Educational programs of general character for younger generation and of scientific-research character for breeding rare species of wild animals for scientists introduced;
- “Jeyran” nursery transformed into a modern object of ecological tourism, the attendance of the nursery by foreign tourists increased at least to 50% of all tourists attending Bukhara province.

Duration: 2018-2020

Name: “Strengthening the material and technical equipment and enhancing the professional skills of the Inspection for control over protection and use of biodiversity and protected natural areas at the State Committee for Ecology and Environmental Protection of the Republic of Uzbekistan and its regional Inspections”

Purpose: Strengthening the material and technical equipment of the regional Inspections for control over protection and use of biodiversity and protected natural areas, as well as enhancing the professional skills, introducing the advanced experience.

Expected outcomes:

- The professional skills of state inspectors for ecology and environmental protection of the regional Inspections for control over protection and use of biodiversity and protected natural areas increased significantly;
- A modern system for monitoring and accounting objects of flora and fauna introduced as a basis for inventories of flora and fauna;
- Conditions provided for state inspectors for ecology and environmental protection to effectively fulfill set tasks on biodiversity conservation, identification and suppression of infringements of law, including equipping with modern transport vehicles of increased off-road capability, boats for patrolling water bodies, facilities for observation, detection, fixation and communication.

Duration: 2018-2019