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MINISTRY OF REGIONAL DEVELOPMENT
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Common borders. Common solutions.

Joint Operational Programme “Black Sea Basin 2007-2013” - Our Projects -



Utilizing stream waters in the suppression of forest fires with the help of new technologies

Priority 2 - Sharing resources and competencies for environmental protection and conservation

Measure 2.2 - Promoting research and innovation in the field of conservation and environmental protection of protected natural areas



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About the project:

Duration: 24 months

Total Project Budget: 851,249.41 Euro

Total Grant ENPI: 611,460.00 Euro

Total Grant IPA: 154,630.10 Euro

Start / End Dates: 01.04.2013 - 31.03.2015

Overall Objective:

The project is aiming to share competencies and innovative tools for the protection of protected areas by fires.

Specific Objectives:

1. To promote research and innovation in the field of fire suppression to protect protected natural areas.
2. To utilize new technologies by developing a holistic and complete fire suppression system.
3. To allow the identification of the areas of greatest danger of having fires
4. To utilize a sustainable way stream of water to suppress fires in protected areas that will be land vehicles during the night and planes and helicopters during the day.
5. To develop a software for the optimal location of the water reservoirs and mobilization of fire vehicles.
6. To operate a neighbour network of experts in fire suppression.



Main Activities:

- Building up a neighbourhood network.
- Developing a Digital Geographic Database.
- Developing a forest fire potential danger and behaviour software.
- Modifying and validating the Runoff Model for the research areas.
- Identifying the number, the dimensions and the optimal locations of the reservoirs for fire suppression.
- Optimizing the mobilization of the land fire vehicles.

Expected results:

- Enhanced protection of the protected area due to the suppression of the danger of fires.

Partnership:

Beneficiary:

Eastern Macedonia and Thrace Institute of Technology, Greece

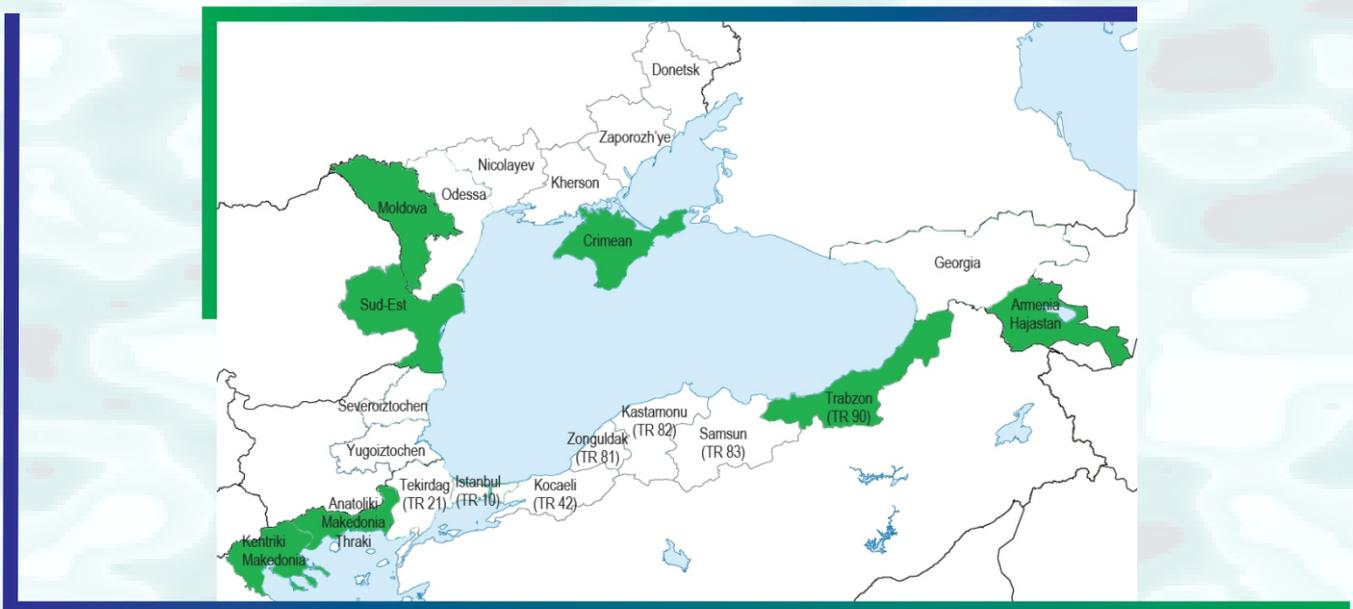
Partners:

- Prefect's Institution - Braila County, Romania
- National University of Life and Environmental Sciences of Ukraine
- Zikatar Environmental Centre, SNCO of Ministry of Nature Protection, Armenia
- Eco-TIRAS International Environmental Association of River Keepers, Republic of Moldova
- Artvin Coruh University, Turkey

Associates:

Region of Eastern Macedonia and Thrace - Regional Unit of Drama, Greece
Taskopru Isletme Mudurlugu, Turkey
Republican Committee of the Autonomous Republic Crimea on Forestry and Game management, Ukraine
Service of Civil Protection and Emergencies, Republic of Moldova

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