

Personal presentation

Serpil ACARTÜRK

Republic of Turkey Ministry of Forestry and Water Affairs

serkmen@ormansu.gov.tr

IPROMO

*Environmental and economic issues
to enhance mountain sustainability*
Ormea – Pieve Tesino 5-19 July 2017

Education

UNIVERSITY OF KARATEKİN 2017-	DSC IN FORESTRY ENGINEERING
UNIVERSITY OF ANKARA TURKEY 2006-2009	MSC IN FORESTRY ENGINEERING
UNIVERSITY OF ANKARA TURKEY, 2001-2006	B.S. IN FORESTRY ENGINEERING

Employment and main activities

General Directorate of Combating Desertification and Erosion Control

- ✓ **Production of seed and seedling**
- ✓ **Afforestation works**
- ✓ **Green Belt Afforestation**
- ✓ **Rehabilitation of degraded forests**
- ✓ **Erosion control**
- ✓ **Flood Control**
- ✓ **Works of wind erosion**
- ✓ **Afforestation of arid and semi arid areas**
- ✓ **Road afforestations**
- ✓ **Training of forestry**

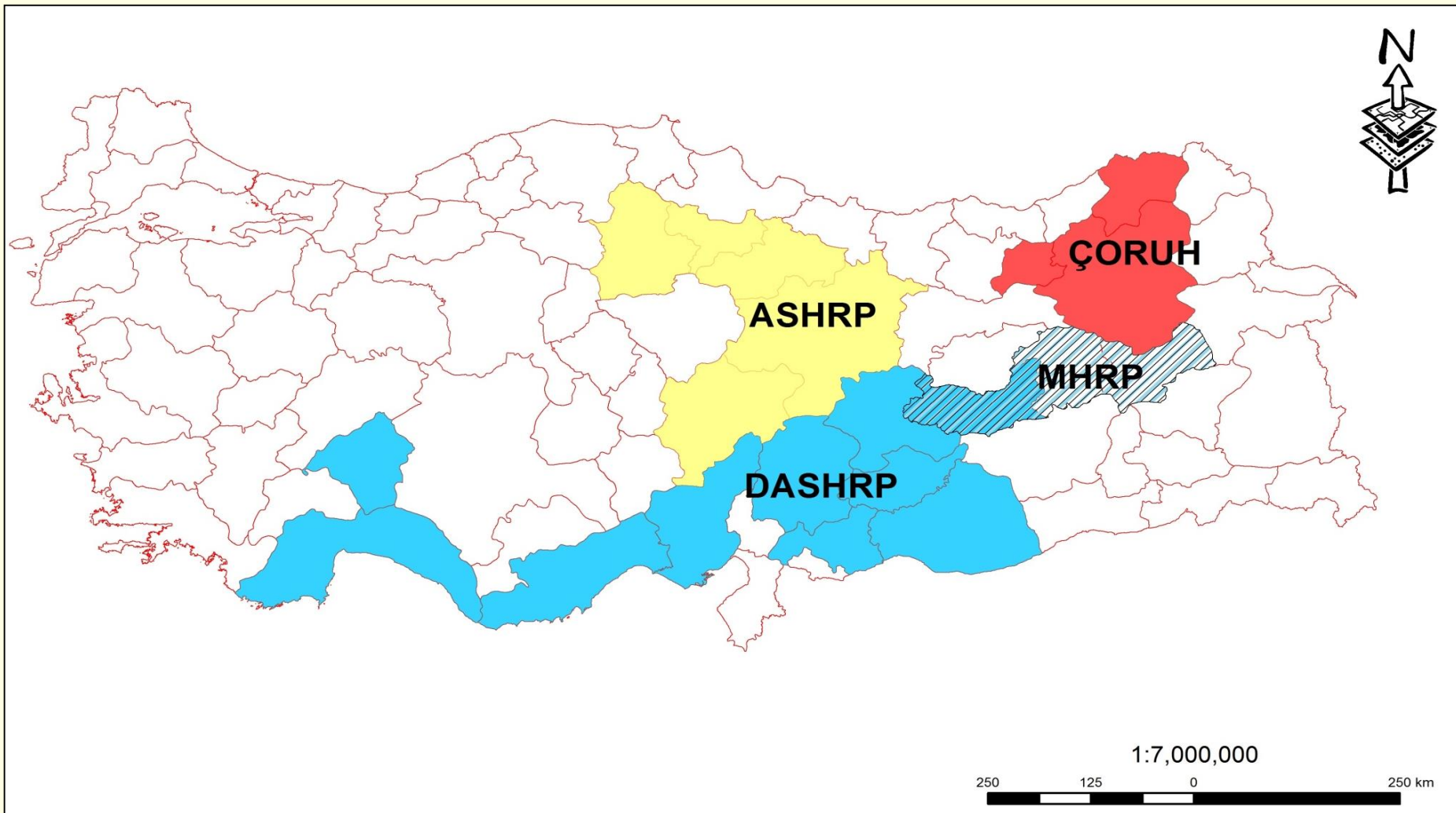
Other interests (volunteer work, hobbies etc.)

- Married and have a daughter.
- Taking nature photos, cooking foods, talking with elder people, spend time with my family
- Visiting cities in Turkey

INTEGRATED WATERSHED REHABILITATION PROJECTS

- **We have been making Integrated Watershed Rehabilitation Project by considering a holistic approach for natural disasters such as erosion and flood , and for socio-economic problems.**
- **Issues including combating climate change,, carbon sequestration sustainable natural resource management, conservation, rehabilitation and development of natural resources with income-generating activities , integration of the activities, pollution prevention from industry and municipal waste , water production,,integrated water management and operating forest in upstream for the aim of water production/harvesting , Planning of product design in agricultural areas based on current/available water resources etc. have come into prominence.**

ACTIVITIES IN WATER BASIN IN TURKEY



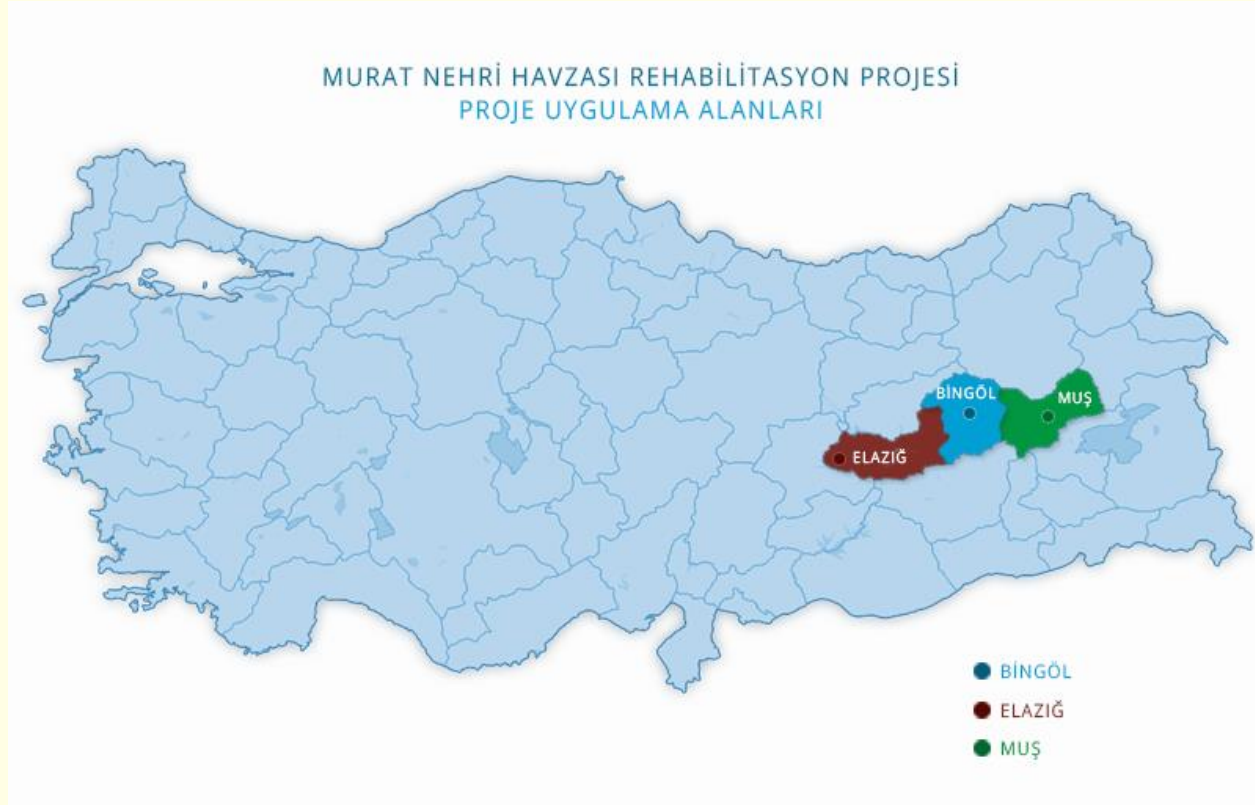
Murat River Watershed Rehabilitation Project

Project sites : Elazığ, Bingöl and Muş

Project Duration : 7 years

Implementation years : 2013-2019

Budget: 38.6 Milyon USD



Murat River Watershed Rehabilitation Project

- ❑ The project activities include natural resource rehabilitation, rural poverty reduction and monitoring activities with a view to relieve the stress on natural resources by alleviating the poverty of local communities inhabiting the upper basins of 25 microbasins around Bingöl, Elazığ and Muş provinces.



Murat River Watershed Rehabilitation Project

- **The project assumes a participatory approach to ensure the involvement of concerned government institutions and local communities to facilitate sustainable natural resource management.**
- **It is ensured that all sections and concerned groups of society who bear responsibilities regarding natural resource management or who are affected by the mentioned management are involved in every phase of management including decision-making, planning, implementation, monitoring, assessment and inspection.**









Objectives of the PROJECTS

- ❑ After 3 year later from the end of project implementations, 30 % increase on vegetation cover in Micro-catchment
- ❑ 20% reduction on Erosion in the Micro-catchement where iplementaions performed
- ❑ 80 % improvement in the living conditions of families involved the project
- ❑ 10 % reduction in goverment supporting on damage compensate cause by natural disasaters
- ❑ 10 % reduction number of househols are living below poverty line in the villages
- ❑ 30% reduction of annual wood consumption of households.
- ❑ 30 % increase in number of huseholds accessing irrigation water

PROJECT TARGETS

- ❑ Soil erosion, overflow and flood damage reduction;
- ❑ Conservation and improvement of forest, agriculture, pasture and water resources;
- ❑ Stress relief on conservation (marginal) lands;
- ❑ Improvement of land productivity;
- ❑ Production diversity in agriculture;
- ❑ Adoption and up-scaling of environmentally friendly agricultural practices;
- ❑ Increased organic carbon stocks in soils;
- ❑ Agricultural pollution reduction;
- ❑ Improved living conditions and prosperity for local communities within the project site;
- ❑ Employment opportunities and mitigation of migrations;
- ❑ Enhanced institutional capacity.

PROJECT ACTIVITIES

- NATURAL RESOURCE IMPROVEMENT INVESTMENTS**
- Afforestation;**
- Soil conservation and erosion control;**
- Rehabilitation of degraded oak forests;**
- Rehabilitation of pasture and grazing lands.**

- **INCOME GENERATING INVESTMENTS FOR THE IMPROVEMENT OF LIVING CONDITIONS**

- ❑ Wheat and barley yield improvement;
- ❑ Animal production improvement;
- ❑ Fodder plant production in wetlands and drylands,
- ❑ Improvements in animal shelters (barns).
- ❑ Vegetative production improvement;
- ❑ Establishment of indoor orchards,
- ❑ Vegetable cultivation in fields,
- ❑ Vegetable cultivation within plastic covers (greenhouses).
- ❑ Small scale irrigation infrastructure investments;
- ❑ Water storage pools,
- ❑ Improvements to soil irrigation channels,
- ❑ Drip irrigation systems within fields,
- ❑ Public water fountains for villages.
- ❑ Promotion and up-scaling of energy saving technologies;
- ❑ Solar water heaters,
- ❑ House insulations (building insulation),
- ❑ Energy saving kitchen stoves,
- ❑ Stone bread ovens for public use.
- ❑ Improvement of apiculture.



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Thank you.....

