



**Mission in France of the Ministry of Environment and Forestry of Turkey**

**10-14 May 2004**

Participants of France: Cemagref and other institutions:

- M. Freddy REY
- M. Frédéric BERGER
- Other participants (ONF, RTM, Private companies...)

Participants of Turkey: Ministry of Environment and Forestry of Turkey:

- M. Hanifi AVCI
- M. Ismail BELEN
- M. Erdogan OZEVREN

Programme:

*10 May:*

- 09.00 - Arrival of participants
- 09.30 - Presentation of the programme of the mission
- 09.45 - Presentation: Erosion control with civil- and bio-engineering (F. Rey)
- 10.15 - Break
- 10.30 - Presentation: Techniques for erosion control with bio-engineering (F. Rey)
- 12.30 - Lunch
- 14.30 - Presentation: Strategies for erosion control with bio-engineering (F. Rey)
- 15.15 - Presentation: Hazard mapping (F. Berger)
- 16.15 - Break
- 16.30 - Presentation: Avalanche control with bio-engineering and discussion about the Austrian-Turkish avalanche project (F. Berger)
- 17.30 - Discussion: Financial means for cooperation between Turkey and France (F. Berger).

*11 May:* Field excursion to the French Southern Alps (F. Rey):

- Use of bioengineering techniques for erosion control
- Experimental sites on the use of bioengineering for erosion control
- Silting of hydroelectric dams
- Management of forests for erosion control

*12 May:* Discussion on the writing of a document on strategies for erosion control and soil conservation in Turkey: objectives, draft framework, techniques and strategies for erosion control in Turkey.

*13 May:* Field excursion in the French Northern Alps (F. Rey, L. Lapeyre, P. Bourduge, F.X. Nicot):

- Old experience of use of bioengineering techniques for erosion control (with L. Lapeyre, French service of Mountain Land Restoration: RTM)
- Visit of a plant nursery (with P. Bourduge, private company)
- Experience of use of bioengineering techniques for erosion control and landscape restoration (with F.X. Nicot, French service of National Forest Office: ONF).

*14 May:* Writing of the document on strategies for erosion control and soil conservation in Turkey. This document will deal with the following topics:

1. Automatic mapping of afforested zones (with the use of remote-sensing and GIS);
2. Definition of a strategy for the monitoring and the management of afforested zones;
3. Discussion about the bioengineering techniques used in France and their use in Turkey: possibilities, Turkish knowledge and experience, needed investigations.
4. Definition of a strategy for the ecological restoration of eroded zones, especially in torrential catchments (severe erosion), with definition of priority areas for restoration action and of rules for action;
5. Definition of a strategy for the monitoring of future projects of ecological restoration of eroded zones;
6. Discussion about the possibilities for financial means.

*15 May:* Back to Turkey.

F. REY, 5 May 2004