

PROJECT: Integrated hydrologic – hydraulic study of the Sarantaporos River in the Epirus river Basin District.

SCIENTIFIC DIRECTOR: Vasileios Tsixrintzis

DURATION (MONTHS): 18

DEPARTMENT: Department of Infrastructure and Rural Development

FINANCIER: OFIPEKA

DESCRIPTION: The aim of the project is to provide services for an integrated hydrological – hydraulic study of the Sarantaporos River in the Epirus River Basin district (EL05). The proposed study aims to investigate 1. The effects of existing barriers (eg dams, weirs, culverts', sluices, and Irish crossings ramps) among others) on water flow by comparing the current situation with the situation after the potential removal of the aforementioned barriers and 2. The effects of these barriers on sediment transport by comparing the current situation with the situation after their potential removal. The main objective of the project is to assess the hydrological – hydraulic condition of the Sarantaporos River following the removal of the barriers with the aim of proposing and implementing an holistic methodology for barrier removal with the lowest possible environmental cost and always with the consent of the local community.