

MASTER PLAN FOR FLOOD PROTECTION OF AREAS OF THE REGIONAL UNIT OF THESSALONIKI

A. Spiridis¹, V. Koutalou¹, D. Malamataris^{1,2,*}, A. Konstantinidis^{1,3}, A. Psilovikos²

¹HYETOS S.A. Consulting Company, Ippodromiou Sq. 7, 54622, Thessaloniki, Greece

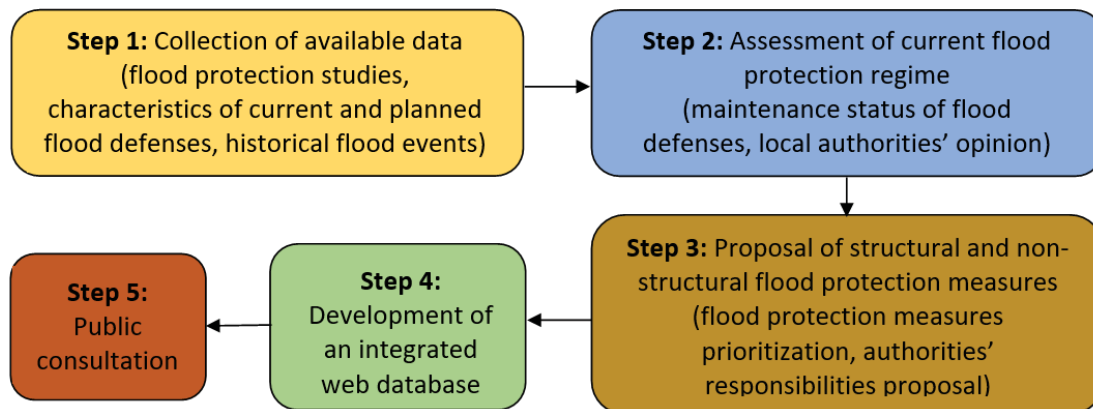
²Department of Ichthyology and Aquatic Environment, University of Thessaly, Fytoko Street, 38446, N. Ionia Magnisias, Greece

³Department of Surveying and Geoinformatics Engineering, International Hellenic University, 62124, Serres, Greece
(*dimalamataris@uth.gr*)

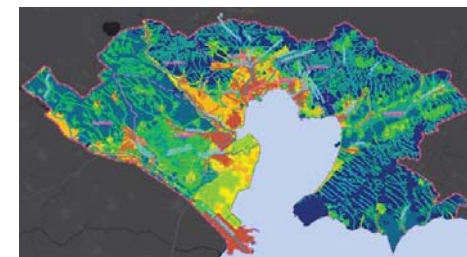
SCOPE

The on-going study entitled “Flood Protection Works Master Plan Update for areas in the Regional Unit of Thessaloniki” was assigned to HYETOS S.A., by the Greek Ministry of Infrastructure and Transportation in 2019. The study aims at reducing flood risk in areas of the Regional Unit of Thessaloniki.

METHODOLOGY



RESULTS



Flood risk indicator:

- 1: very low
- 2: low
- 3: moderate
- 4: high

CONCLUSIONS

Development of a Master Plan constitutes a fundamental framework for mitigating and adapting to flood risk. The methodology presented in this study can be applied to any urban area within the Greek territory.

REFERENCES

- [1] Greek Government Gazette Issue 2638/B/05.07.2018, 2018, Approval of the Flood Risk Management Plan for the River Basins of Central Macedonia River Basin District and the related Strategic Environmental Impact Study.
- [2] United Nations International Strategy for Disaster Reduction, 2009, UNISDR Terminology on Disaster Risk Reduction. Geneva, Switzerland, p. 30.