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# Programme for Prevention, Preparedness and Response to Floods in the Western Balkans and Turkey – IPA FLOODS

Grant Contract ECHO/SUB/2014/692292

*Assessment and Recommendations:  
Preliminary Flood Risk Assessment*

*Sarajevo – 8 March 2016*



ADMINISTRATION



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AND DISASTER RELIEF



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# Assessment: Legal framework

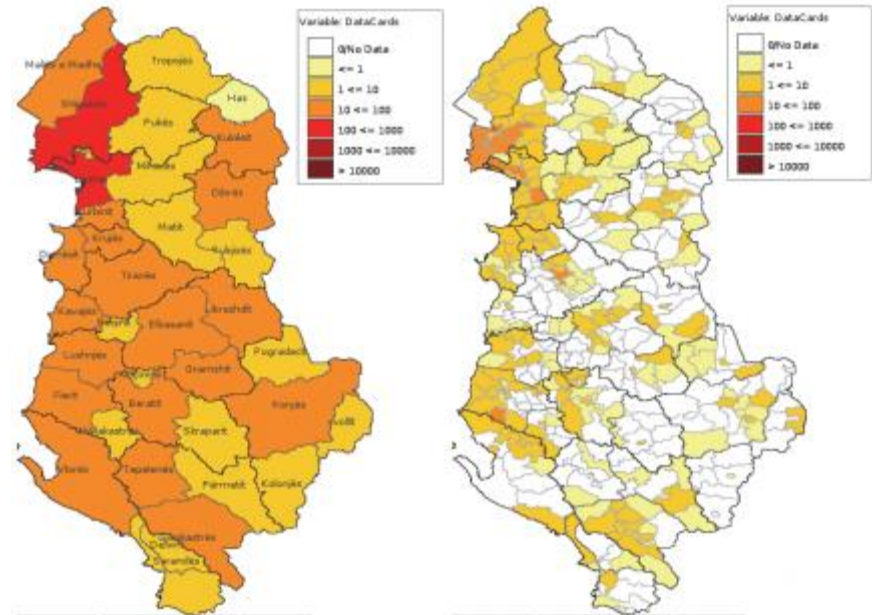
Beneficiary	
Albania	Law no. 111/ 2012 on “The Integrated Management of Water Resources” Decision no. 4, 17.2.2015 of National Water Council (in line with FD requirements)
Bosnia & Herzegovina	Water law of fBiH and RS in line with EU FD Water law of BD in design phase Action Plan for Flood Protection and River Management for BiH 2014-2017
Croatia	Water Act, in line with WFD and FD
The former Yugoslav Republic of Macedonia	Law on Water, FD is in phase of Transposition of EU FD requirements
Kosovo*	The Law on Waters 04/L-147 Law no. 02 / L-068 for protection against natural and other disasters- Partially transpose FD
Montenegro	Rulebook on contents of PRA, methodology for developing of FH&RM and content of FRMP. Amendments to the Law on Waters
Serbia	Law on Water, in line with WFD and contains base for FD transposition
Turkey	Draft regulation on Flood Management and Flood Management Plan (in line with EU FD)

# Assessment: Unit of Management

Beneficiary	
Albania	6 Units of Management: Drin-Buna River Basin, Mati River Basin, Ishëm-Erzen River Basin, Shkumbini River Basin, Seman River Basin, and Vjosa River Basin.
Bosnia & Herzegovina	FBiH is divided into two river basin districts: the one of the Sava River and the one of the Adriatic Sea. RS is divided into two river basin districts: the one of the Sava River and the one of the Trebisnjica River.
Croatia	Danube and Adriatic
The former Yugoslav Republic of Macedonia	Local self-government units (LSGU), water management enterprises (WME) and Ministry of Environment and physical planning (MoEPP) are responsible for assessment and management of flood risks in their respective areas.
Kosovo*	Kosovo* has one single River Basin District, the entire territory in Kosovo*.
Montenegro	Danube basin and Adriatic Sea basins.
Serbia	Water districts as administrative borders.
Turkey	Central level: Water management Coordination Board and Basin management Central Board Basin level: Basin Management Committee (BMC) and Provincial Water Management Coordination Board, (PWMCB)

# Preliminary Flood Risk Assessment Albania

- PFRA is not developed as such
- DesInventar: data on floods and their associated losses are systematically collected by the General Directorate of Civil Emergency of Ministry of Internal Affairs



-Federation of BiH: completed before 2014.

68 APSFR  
for Sava  
river Basin

14 APSFR for  
Adriatic Sea  
Basin

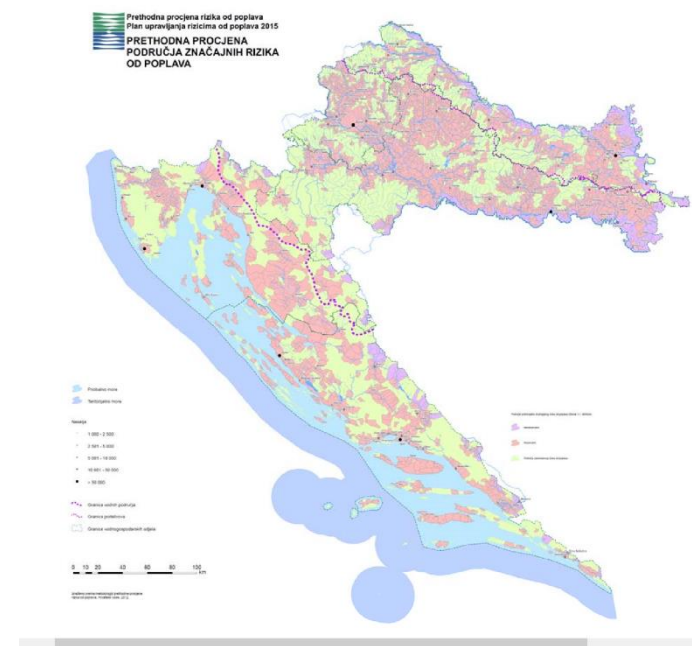
-Republic of Srpska:  
completed before 2015,  
however the assessment does  
not cover the entire territory  
(NO Trebisnjica River basin).

-Brcko District has not  
conducted PFRA yet.

Preliminary Flood Risk assessment has been completed by Croatia Waters in 2013 and it was reported to the EC in 2014.

Data are available to the public

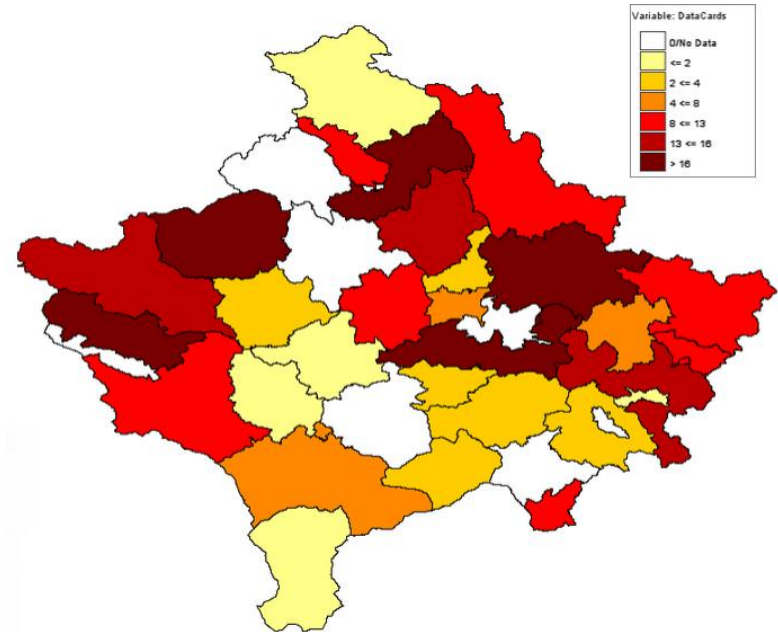
2978  
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Preliminary Flood Risk Assessment is not developed in Kosovo\*

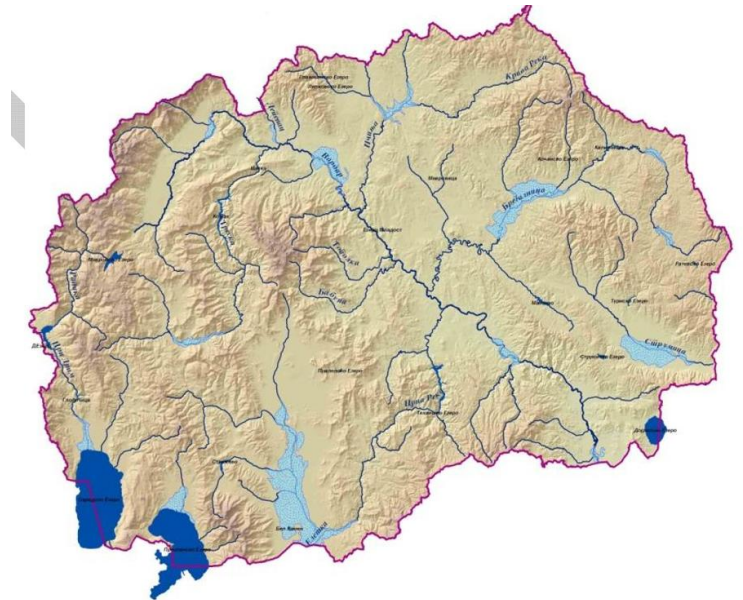
DesInventar is used for collecting disaster loss data (including floods) – EMA

Pilot projects (Water Project for flood risk in the location of Skenderaj)



Spatial data concerning floods are not systematically collected in the country, and there is not a structured dataset of past floods.

Data on most flooded area (source Hydromet Service)





# Preliminary Flood Risk Assessment Montenegro

Preliminary Flood Risk Assessment (PFRA) has not been yet conducted

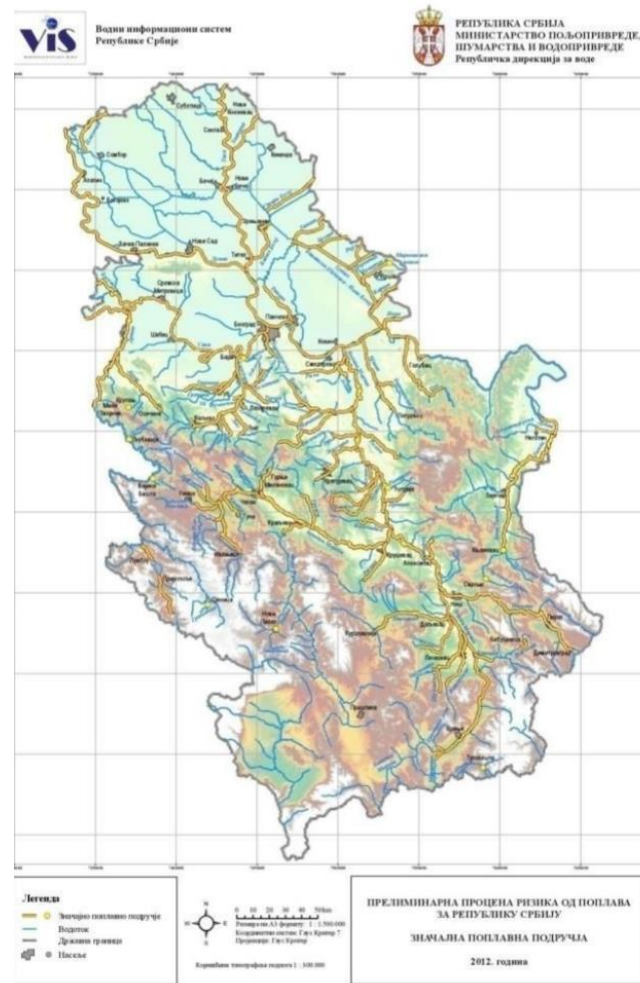
Data and information needed for PFRA are present in the country: data on historical floods, flooded areas and flood defense infrastructures for each river basin and sub-basin have been collected and registered form from 2001.

Municipal plans for protection and rescue from floods

# Preliminary Flood Risk Assessment Serbia

PFRA in Serbia has been prepared for the whole territory

Flash Floods will be considered in the update of 2018

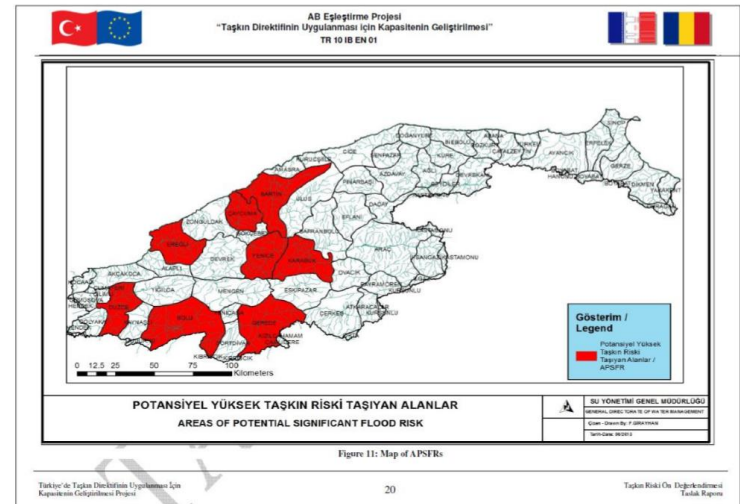


# Preliminary Flood Risk Assessment Turkey

PFRA was one of the focus of the “Twinning Project” Capacity building for the implementation of the Flood Directive”, whose main beneficiary was the General Directorate for Water Management (SYGM).

The guidelines for PFRA have been developed and applied to the pilot basin of Batı-Karadeniz.

SYGM has elaborated PFRA in other two basins, Yeşilırmak and Antalya.



# Assessment: Data Sharing and Data Information Systems

Beneficiary	
Albania	The web-based platform DEWETRA is operationally used for exchanging real-time data and Information on flood risk. DesInventar database for the systematically collection and record of disaster loss data.
Bosnia & Herzegovina	Data and Information exchange among institution and agencies seems to be not fully developed in BiH.
Croatia	Flood risk data and information are published and shared by CW website and dedicated portal <a href="http://korp.voda.hr/">http://korp.voda.hr/</a> .
FYROM	At national level and among primary stakeholders the distribution of scientific and geospatial data is still to be planned and discussed and the local production of data has to be improved.
Kosovo*	112 emergency system and DesInventar for disaster loss accounting.
Montenegro	Montenegro Water Information System (WIS).
Serbia	Many data information systems already exist or are in a fase of advanced development.
Turkey	Information is spread in several institutions and agencies at different levels. Several data management system exists.

\*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo Declaration of Independence.

# Recommendations

- Beneficiary specifics
- Methodology for elaborating PFRA and criteria for the definition of Area with Potentially Significant Floods Risk
- National catalogues on historical floods
- Data and information sharing: Systematic collection and organization of data and map for PFRA.
- Training and capacity Buildings of targeted institutions

# Thanks

