



Ministry of Agriculture and Rural Development Montenegro

Marine Strategy Framework Directive

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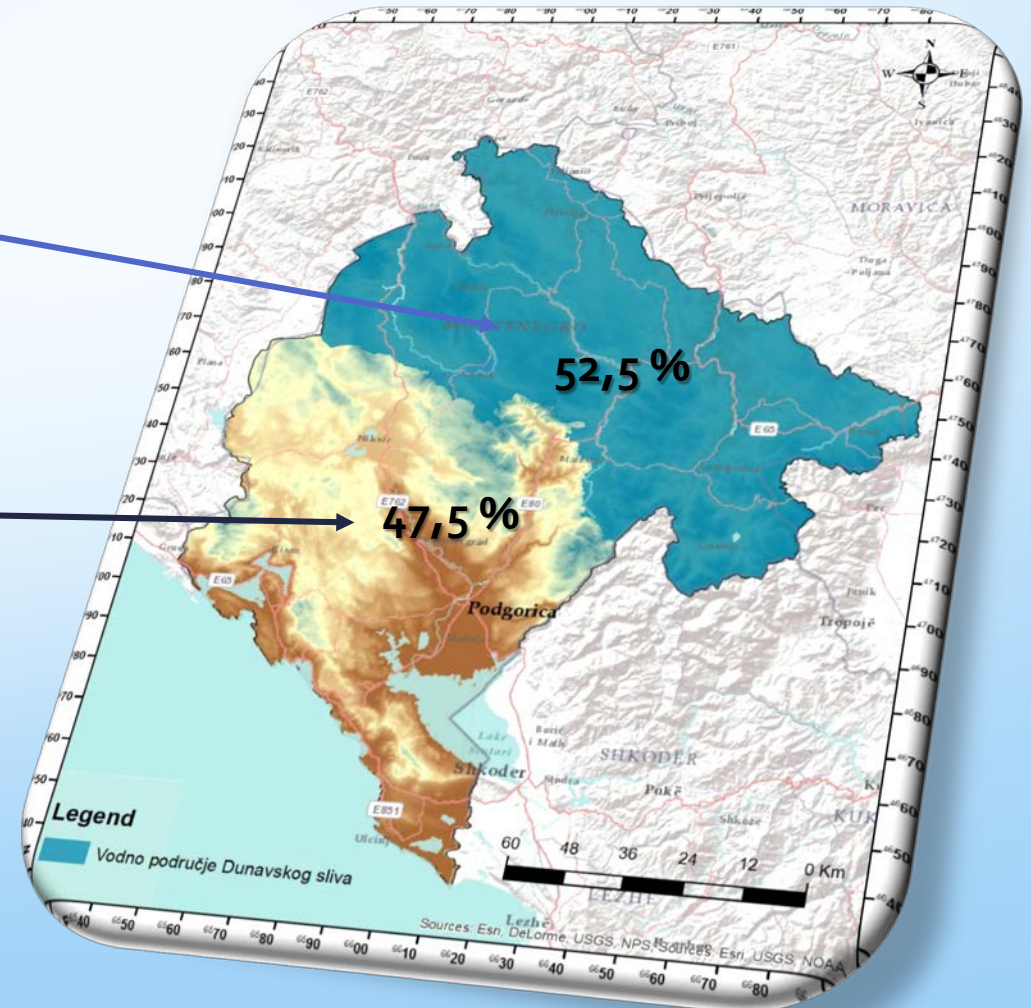
Geographical data of RB in Montenegro

1. Danube river basin

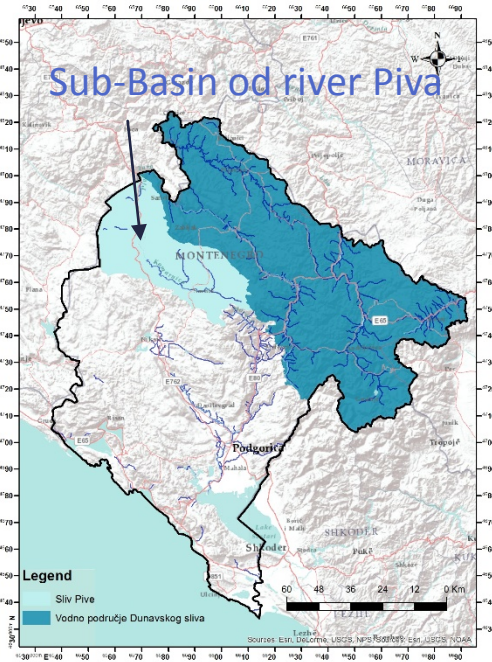
- 52,5 %
- Rivers : Piva, Tara, Čehotina, Lim, Ibar

2. Adriatic river basin

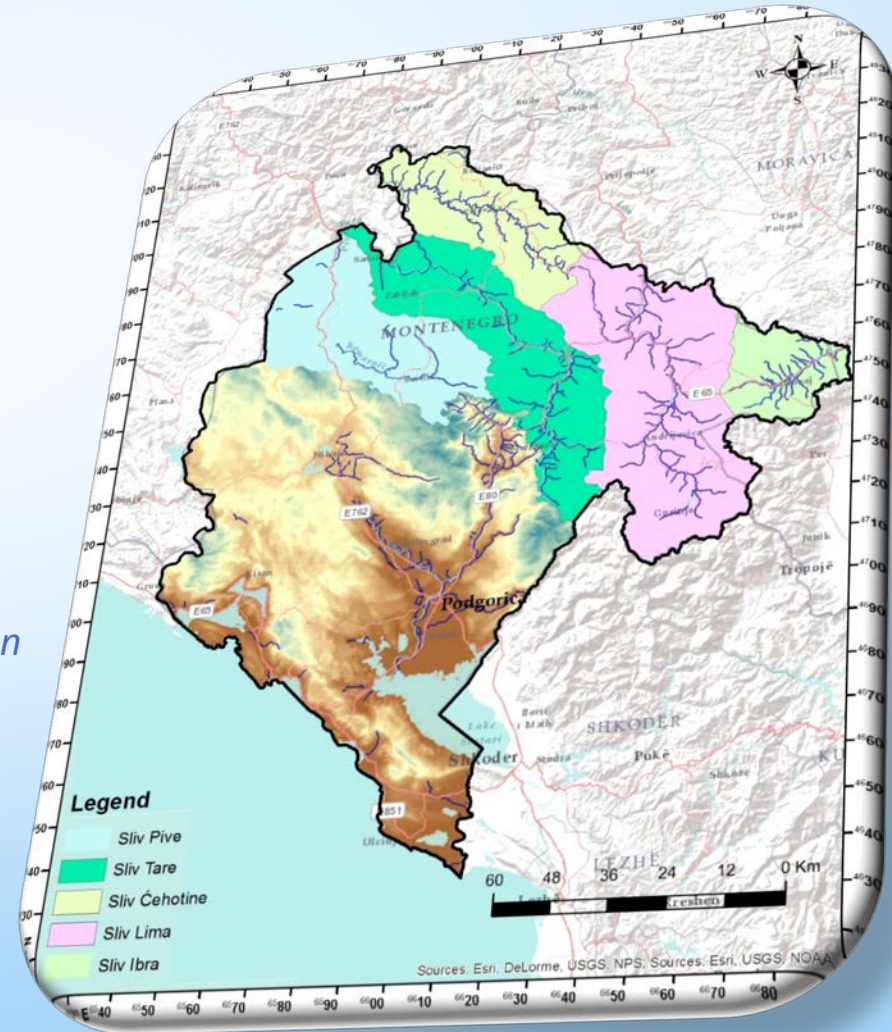
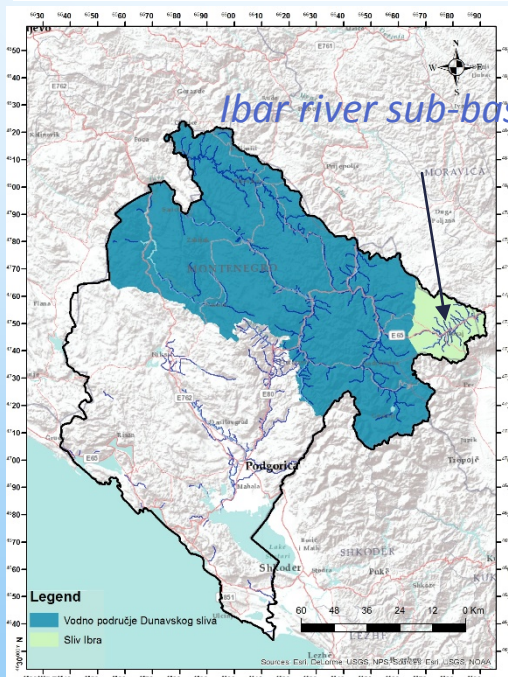
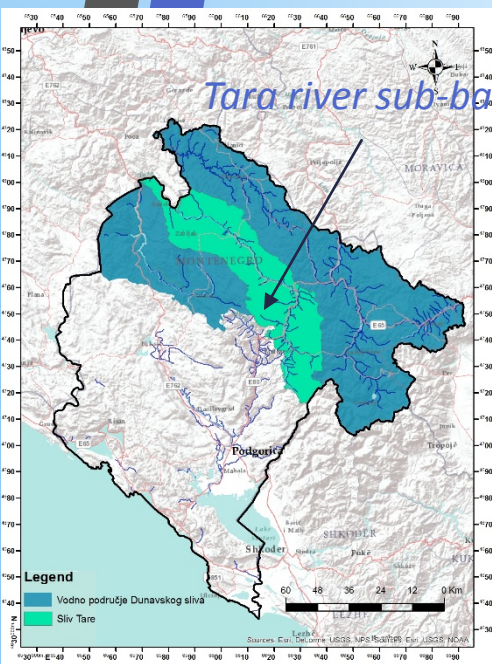
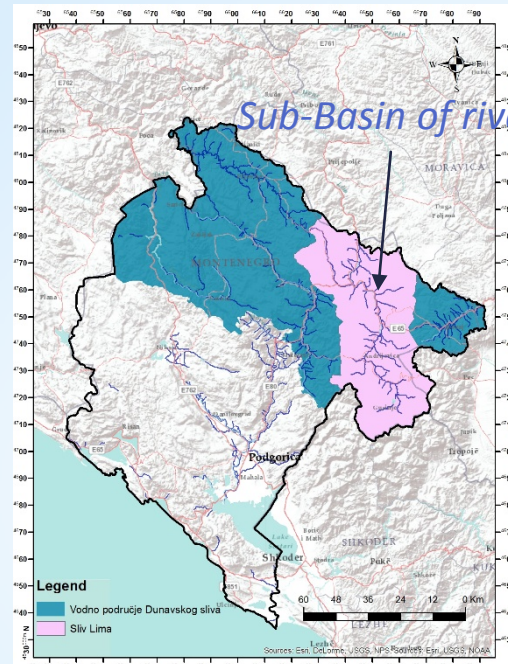
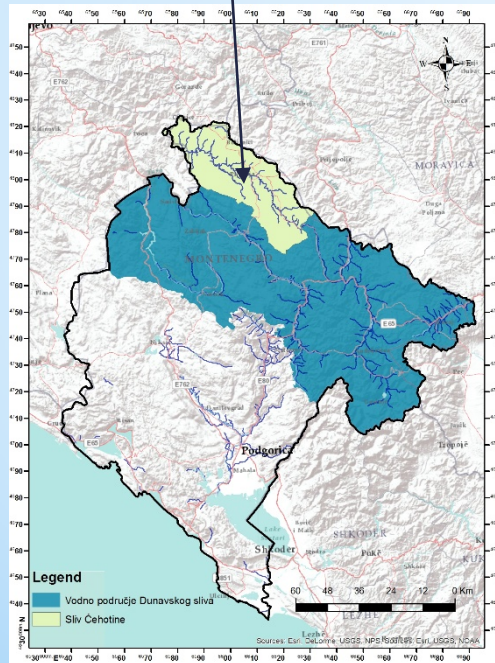
- 47,5 %
- Rivers : Morača, Zeta, Rijeka Crnojevića and Cijevna Rivers which all gravitate towards Lake Skadar, drained into the Adriatic Sea by the river Bojana

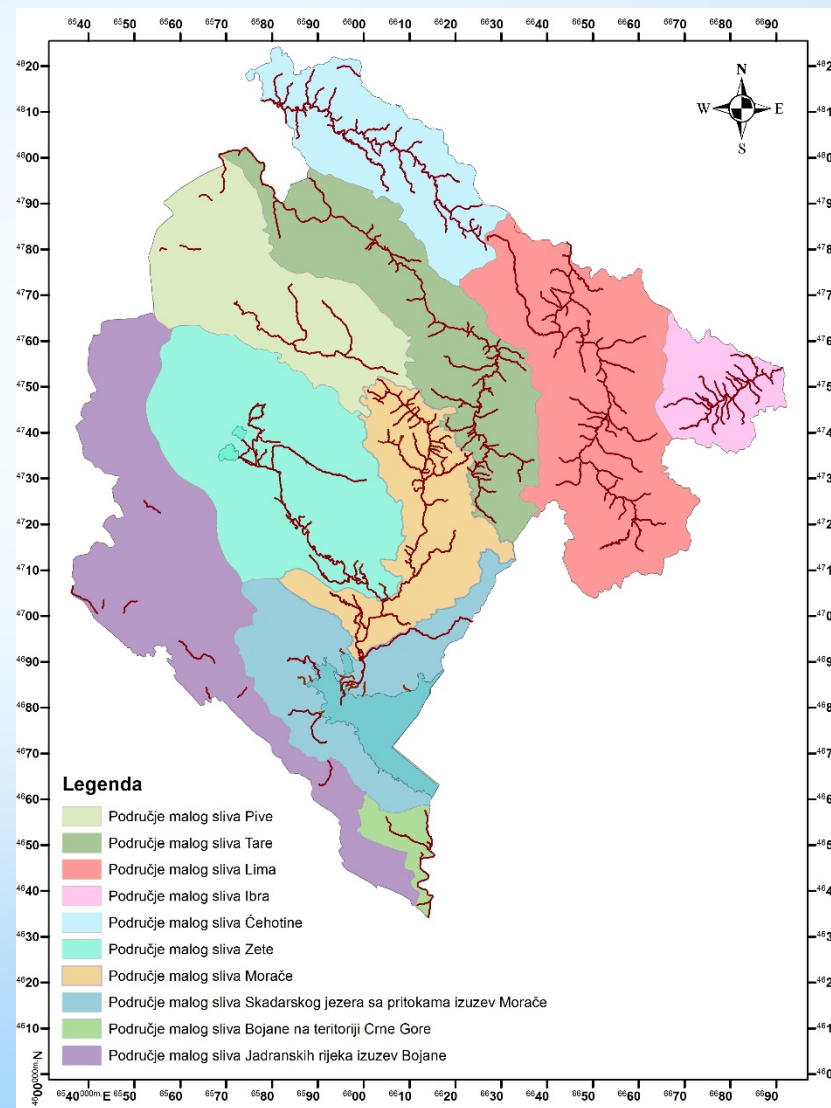
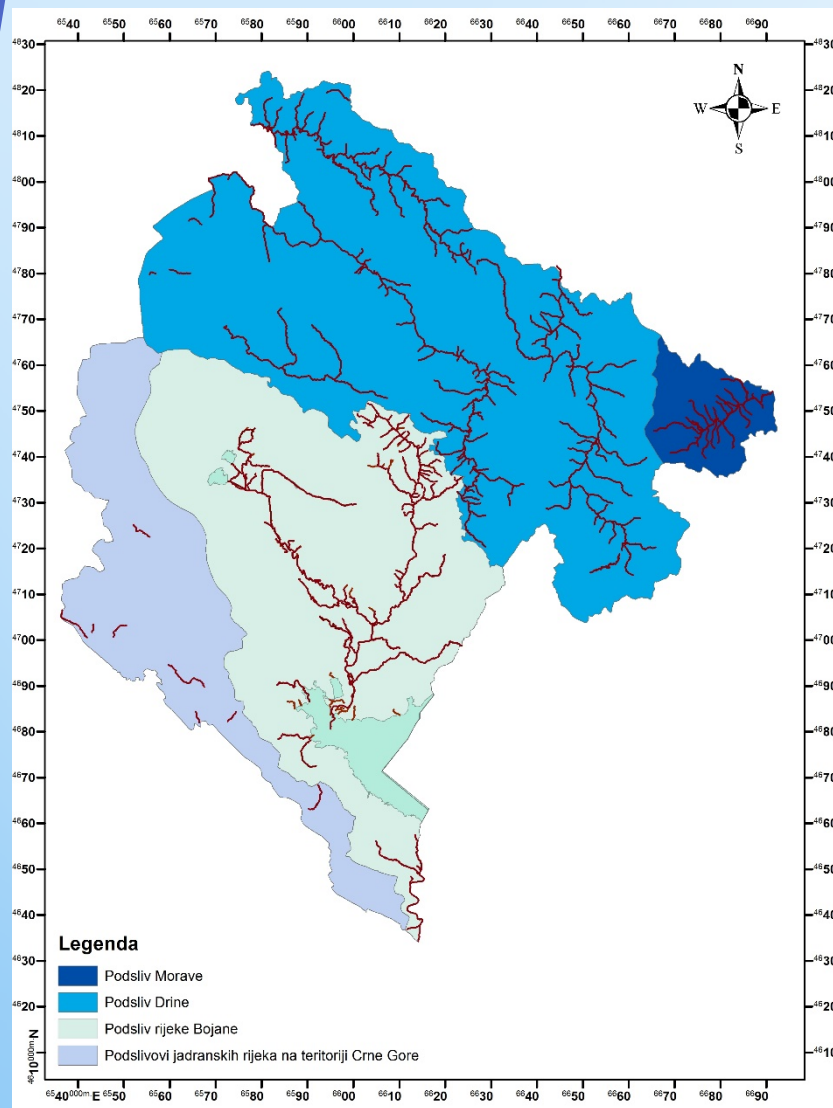


Danube water basin and rivers sub-basins



Sub-Basin of river Čehotina

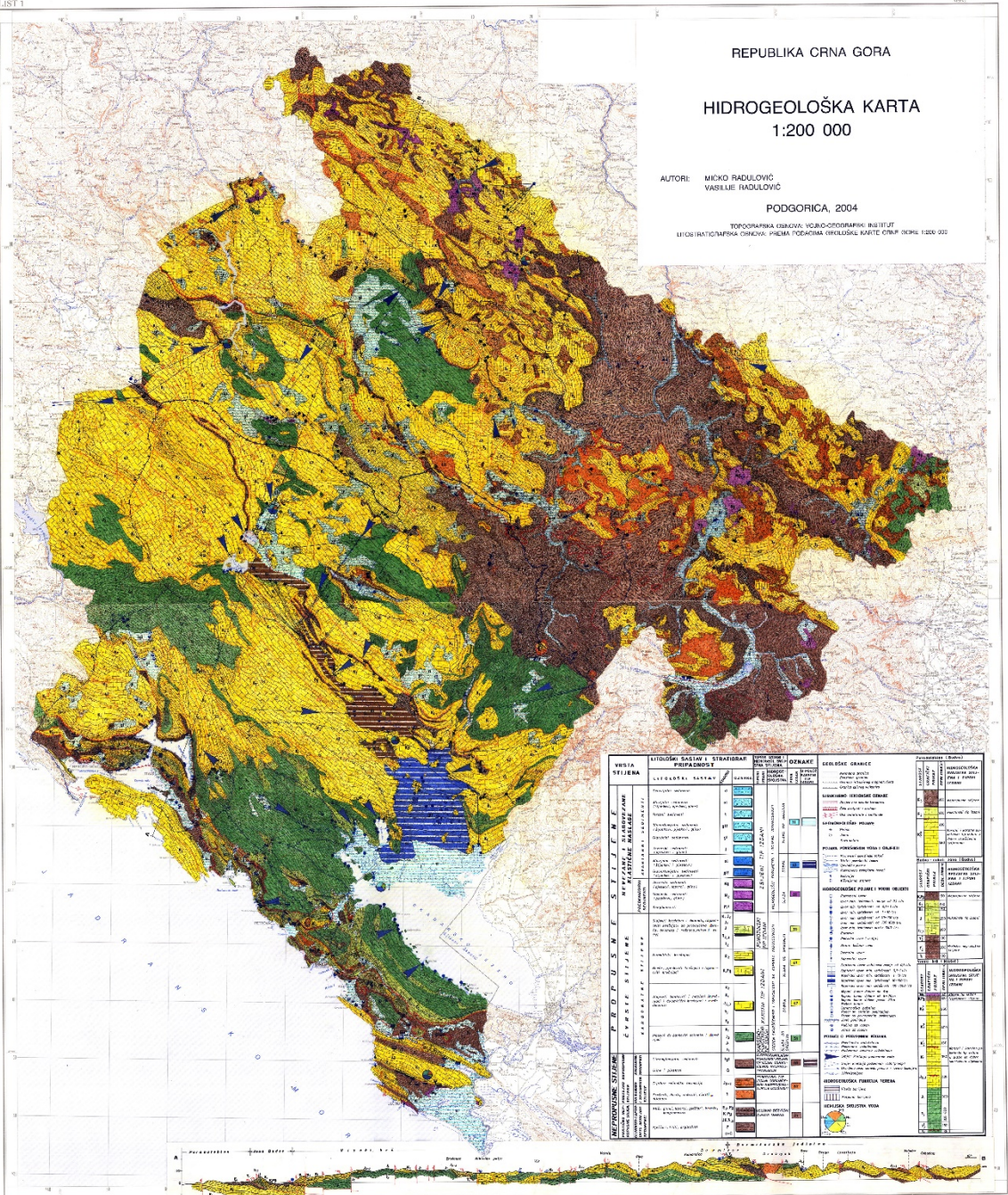




Water management analysis – first phase (Development of monitoring programme)

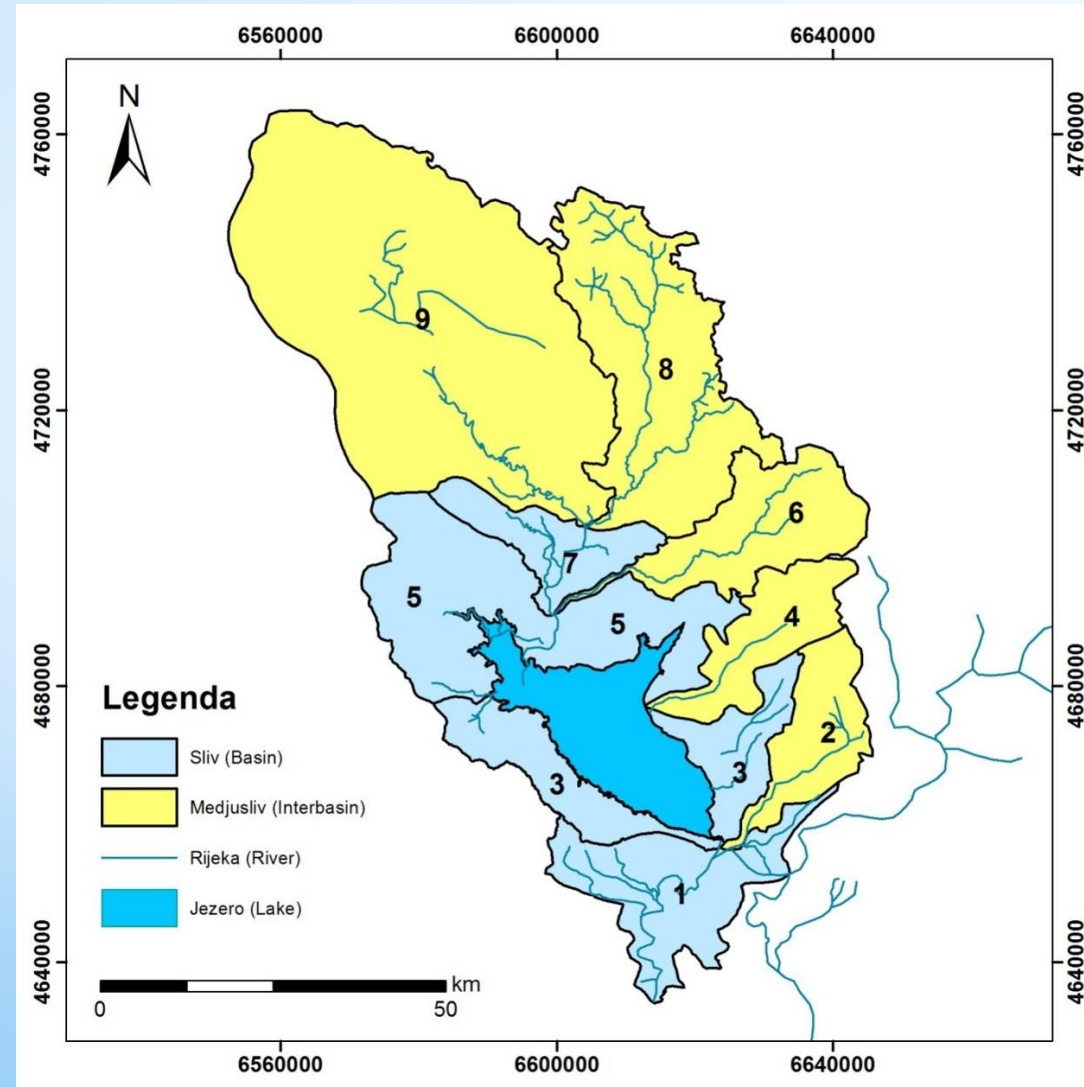
1. Data collecting (inputs)
2. Investment priorities
3. Model of priority zones for monitoring development
4. Implementation of article 8 of WFD (Monitoring)

Hydrogeological map of Montenegro



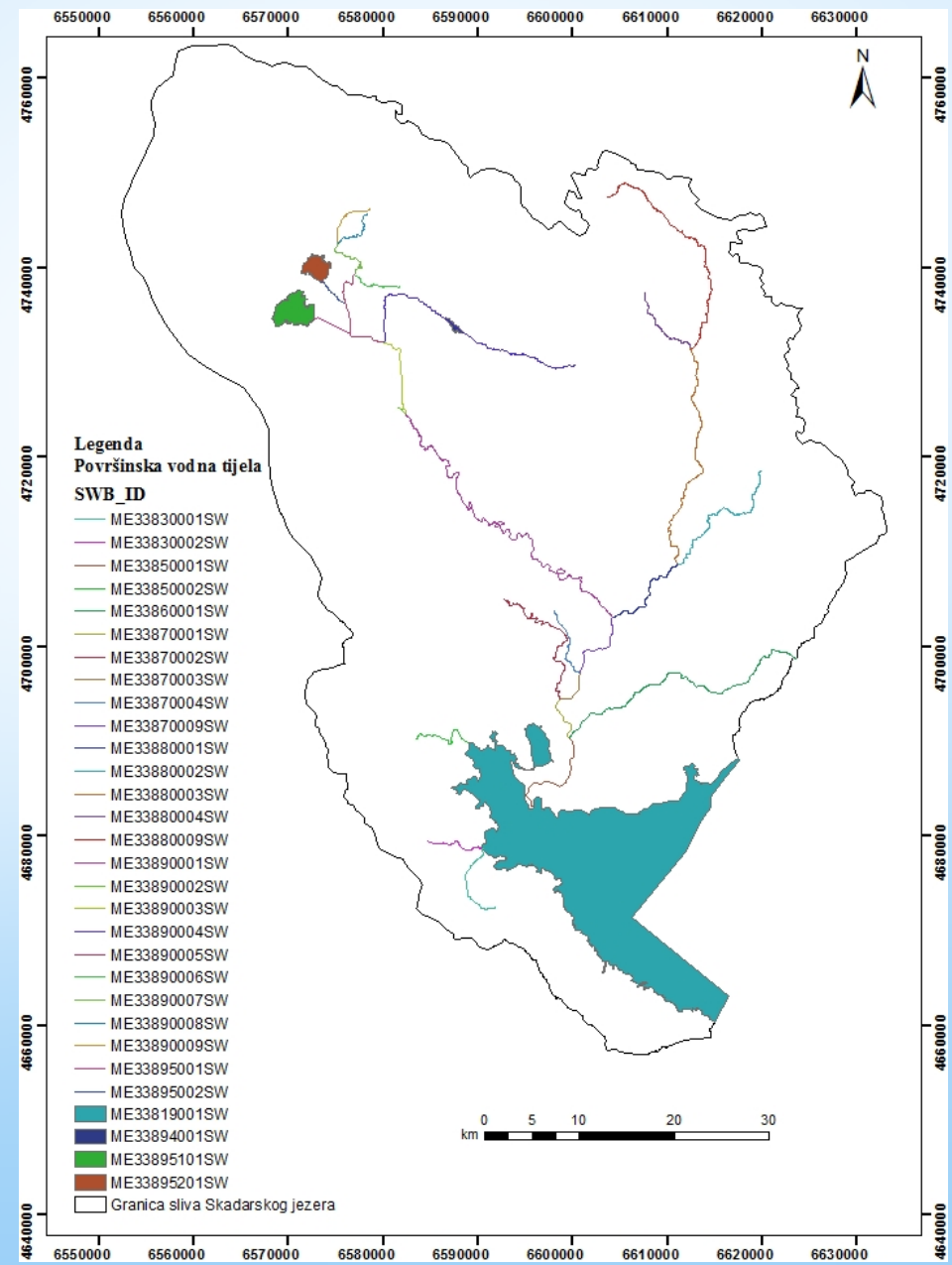
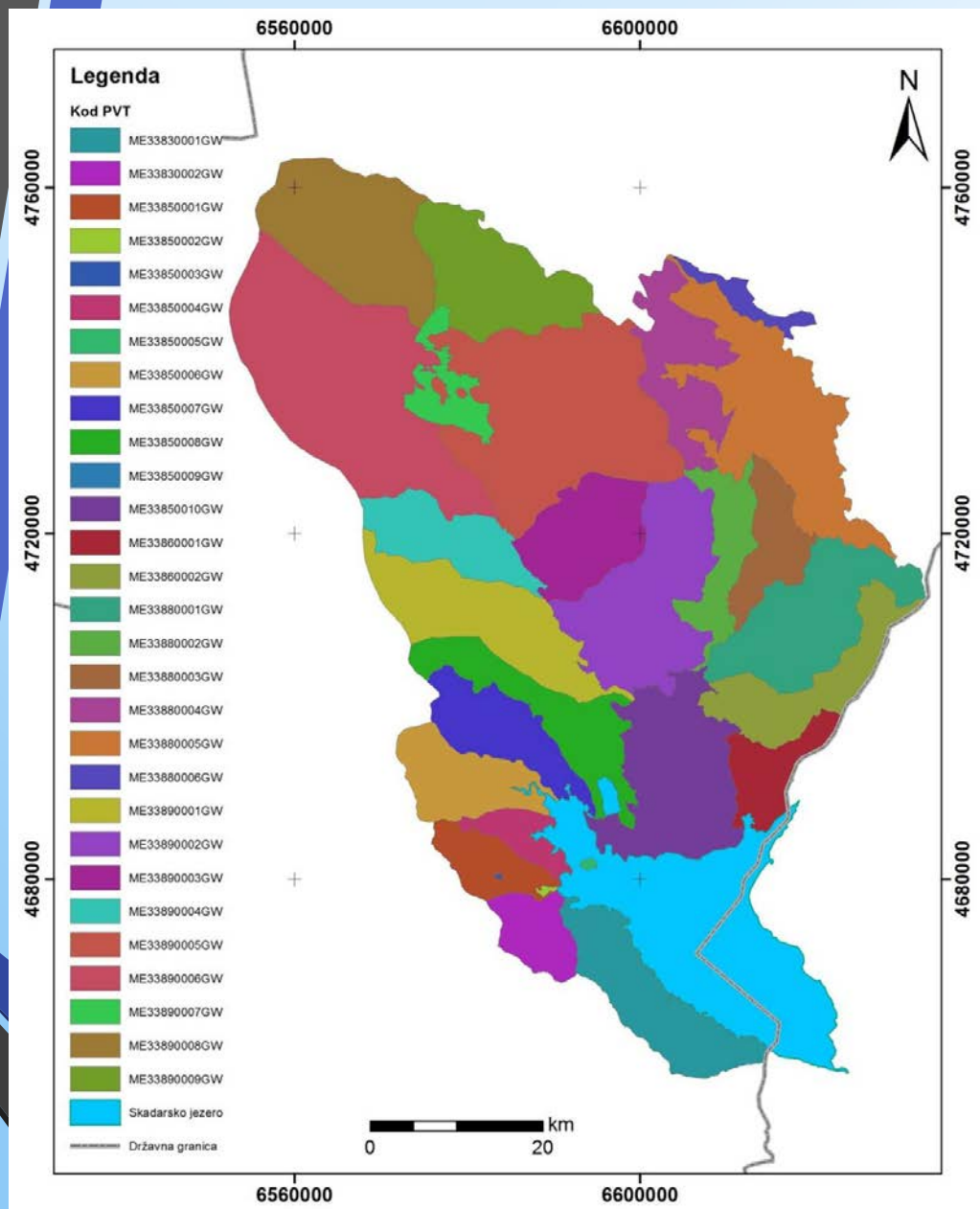
Data collection

- Implementation of Article 5 of WFD



Pfaffstetter (Radulović MM 2014)

GWB and SWB



Baseline framework

- Ministry of Agriculture and Rural Development (MARD)
- Water management is the prime responsibility
- Draft amendments of the Water Act of 2007 and 2011

Institutional framework

- Government of Montenegro
 - Ministries and Respective Administration Bodies
 - MARD
 - Directorate for Water
 - MSDT
 - MH
 - MI
 - MTMA
 - Port Authority
 - Maritime Safety Agency
 - ME
 - Independent Administration Bodies
 - Inspection Administration
 - Hydrometeorological and Seismological Institute
 - Environmental Protection Agency

Responsabilites

Ministry of Agriculture and Rural Development :

- Directive 2000/60/EC
- Directive 2008/105/EC
- Directive 2006/118/EEC
- Directive 91/271/EEC
- Directive 91/676/EEC
- Directive 2007/60/EC
- Directive 2006/7/EC

Responsabilities

Ministry of Tourism and Sustainable Development :

- Collection and treatment of urban waste waters (Directive 91/271/EEC),
- Marine Strategy Directive 2008/56/EC

Internacional cooperation

- International Commission for the Protection of the Danube River (ICPDR)
- International Commission for the Sava River Catchment Area
- Barcelona Convention for the Protection of the Mediterranean Sea against Pollution („OG of MNE“ no. 64/07) together with its five protocols
- Full member of the Mediterranean Action Plan (UNEP/MAP)
- Inter-state Agreements (with Albania and Croatia)
- On waiting with Serbia and BiH

Monitoring

MEDPOL Monitoring (october 2008) :

1. Program of water eutrophication (IHSMS)
2. Program of water monitoring quantity, quality and trend (CETI)
3. Program of biological investigation (IMB)

Identified Challenges for the implementation of WFD and Marine Directive in Montenegro

Identification of common challenges is the result of a systematic approach and active participation of all relevant institutions in the water sector, and they may be classified as problems related to:

1. administrative capacities,
2. inter-sector approach,
3. provision of finances for capital investments and implementation of regulations,
4. monitoring, and
5. information and education of population.

Marine Directive Implementation

Close connection of the Marine Strategy Directive and the Water Framework Directive should create conditions for cooperation between sectors in charge of implementation of these Directives

Activities :

1. Initial assessment of the current status of sea water and environmental impact as well as social and economic analysis of human activities in these waters
2. Establishment of good ecological status for sea waters (GES)

Marine Directive Implementation

Activities :

3. Establishment of ecological objectives and related indicators in order to achieve good ecological status by 2020
4. Establishment and implementation of Program for Monitoring for current assessment and regular updating of objectives
5. Development of the program of measures for achieving or maintaining good ecological status by 2020
6. Putting the program in force
7. Updating, reporting and information of public



Thank you for your attention

