

BOSNIA AND HERZEGOVINA



Source: esri

General

Bosnia and Herzegovina is an almost landlocked country located within the Balkan Peninsula. It has a narrow coast at the Adriatic Sea, about 20 km long surrounding the town of Neum. It is bordered by Croatia in the North, West and South; Serbia in the East and Montenegro in the Southeast. The country has an area of 5.11 Mha (million hectares) with, in 2022, a population of 3.23 million, or 0.63 persons per ha (Wikipedia and United Nations, 2022).

Climate and geography

The inland has a moderate continental climate, with hot summers and cold and snowy winters. The southern tip has a Mediterranean climate (source: Wikipedia).

The flatland is predominantly in the Northeast. The northern region contains very fertile agricultural land along the River Sava and the corresponding area is heavily farmed. This farmland is a part of the Pannonian Plain stretching into neighbouring Croatia and Serbia (source: Wikipedia).

There are seven major rivers in Bosnia and Herzegovina:

- the Sava is the largest river, and forms its northern natural border with Croatia. It drains 76% of the country's territory into the Danube River and then in the Black Sea;
- the Bosna River is the longest river fully contained within it. It stretches through Central Bosnia, from its source near Sarajevo to Sava in the North;
- the Drina flows through the eastern part. For the most part it forms a natural border with Serbia;
- the Neretva is the only major river that flows South, into the Adriatic Sea.

Existing polders

There are polders in the downstream part of Neretva River. There are also polders in the floodplain of Sava River.

General characteristics of the polders in Bosnia and Herzegovina are shown in Table I.

Proposed polders

No proposed polders have been identified.

Location of the polders in Bosnia and Herzegovina as shown in the World polder map

The location of the polders in Bosnia and Herzegovina is shown in Figure 1.

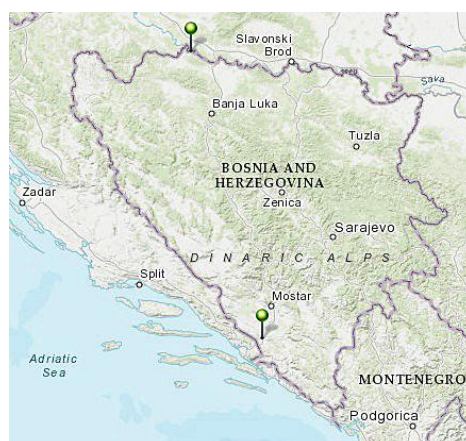


Figure 1. Location of the polders in Bosnia and Herzegovina (source: esri – Batavialand)

References

- Group Polder Development, Department of Civil Engineering, Delft University of Technology, 1982. *Polders of the World. Compendium of polder projects*. Delft, the Netherlands.
- International Commission for the Protection of the Danube River, 2018. *A shared river. Managing the Danube River Basin*. Vienna, Austria.
- United Nations, Department of Economic and Social Affairs, Population Division. 2022. *World population prospects, medium prognosis. The 2022 revision*. New York, USA.

Bart Schultz

Lelystad, November 2023

Table I. General characteristics of existing polders in Bosnia and Herzegovina

Name	Reclamation	Area in ha	Type *)	Latitudes	Longitudes	Elevation in m+MSL	Land use
Polders in the downstream part of Neretva River			RLL	43° 05' N	17° 43' E	3	Agriculture
Polders in the floodplain of Sava River			RLL	45° 13' N	16° 59' E	88	Agriculture
Total							

*) RLL = reclaimed low-lying land; LGS = land gained on the sea; DL = drained lake