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Protection against damaging water effects, 2019

The total area defended from flooding amounted to 1 495 218 hectares, presenting the increase of 3.7%, compared to 2018. Utilized agricultural land represents 84.5% of total protected land. Total length of embankment was 3 419 km. The greatest share in total protected area related to the Danube basin, 76.3%, followed by two other basins, of the Sava – 19.6% and the Morava – 4.1%.

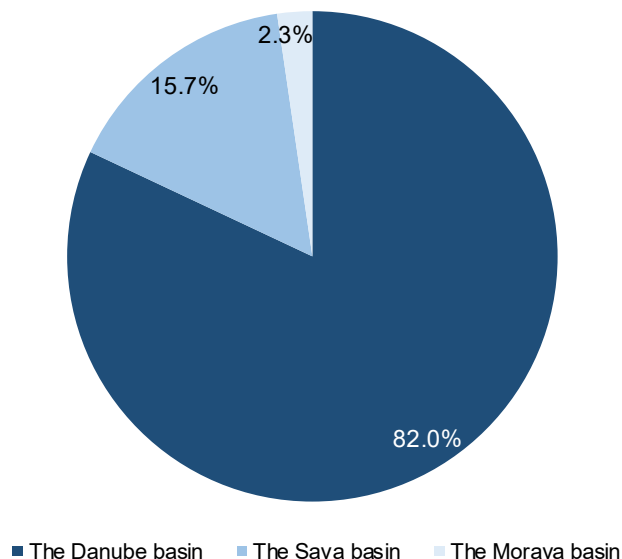
Surface waters flooded 26 hectares, out of which 73.8% referred to utilized agricultural land. In the Morava basin, flooded were 17 724 hectares, presenting 92.3% of total utilized land.

Ground waters flooded 251 hectares, whereof 92.0% related to utilized land. The greatest share of utilized agricultural land was flooded in the Morava basin.

Drainage system covered 0.01% more land than in 2018. The Danube basin, with 1 973 thousand hectares has the greatest area covered by drainage system, followed by the Sava basin, with 427 thousand hectares and Morava, with 119 thousand hectares. Length of drainage system was by 1.0% increased, compared to the previous year.

In 2019, area of eroded land amounted to 6 090 km², presenting the increase of 58.8% relative to the previous year. Reclaimed land amounted to 1 165 km².

Graph Structure of utilized agricultural land protected against floods, 2019



1. Floods and protection against damaging water effects, 2018–2019

| | 2018 | 2019 |
|---|-----------|-----------|
| Area and facilities protected against floods | | |
| Total flooded area, ha | 1 442 379 | 1 495 218 |
| Utilized agricultural area, ha | 955 684 | 1 264 106 |
| Settlements, number | 670 | 669 |
| Industrial facilities, number | 658 | 861 |
| Railway lines, km | 609 | 616 |
| Roads, km | 2 637 | 3 013 |
| Total length of embankment, km | 3 411 | 3 419 |
| Drainage | | |
| Total area covered by drainage system, ha | 2 518 163 | 2 518 411 |
| Utilized agricultural area covered by drainage system, ha | 1 933 419 | 1 889 622 |
| Drainage canals, km | 6 716 | 6 782 |
| Pumping stations, number | 248 | 236 |
| Areas and facilities flooded by surface waters | | |
| Total flooded area, ha | 25 843 | 26 010 |
| Utilized agricultural area, ha | 19 428 | 19 194 |
| Settlements, number | 201 | 175 |
| Industrial facilities, number | 41 | 109 |
| Railway lines, km | 31 | 31 |
| Roads, km | 787 | 1 059 |
| Areas and facilities flooded by ground waters | | |
| Total flooded area, ha | 1 222 | 251 |
| Utilized agricultural area, ha | 1 049 | 231 |
| Settlements, number | 22 | 24 |
| Industrial facilities, number | 13 | 49 |
| Railway lines, km | - | - |
| Roads, km | 4 | 48 |
| Land erosion | | |
| Eroded land, km ² | 3 834 | 6 090 |
| Reclaimed land, km ² | 1 177 | 1 165 |

Starting from 1999 the Statistical Office of the Republic of Serbia has not at disposal and may not provide available certain data relative to AP Kosovo and Metohia and therefore these data are not included in the coverage for the Republic of Serbia (total).

Methodological explanations on protection against damaging water effects can be found on the SORS website: <http://publikacije.stat.gov.rs/G2016/Pdf/G201620089.pdf>.

Data series on protection against damaging water effects are available as a part of the SORS publications: <http://www.stat.gov.rs/sr-Cyrl/publikacije>.

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