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Environmental statistics

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Protection against damaging water effects, 2017

The total area defended from flooding amounted to 1 588 054 hectares, presenting the increase of 14.6%, compared to 2016. Utilized agricultural land represents 75.7% of total protected land. Total length of embankment was 3 546 km. The greatest share in total protected area related to the Danube basin, 70%, while the two other basins were of the Sava – 18.4% and the Morava – 14.6%.

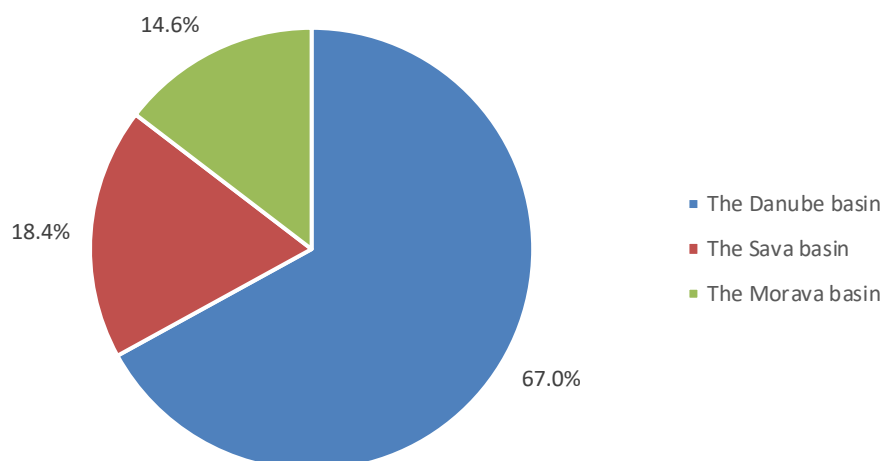
Surface waters flooded 25 272 hectares, out of which 77.2% referred to utilized agricultural land. In the Morava basin, flooded were 19 159 hectares, presenting 98.2% of total utilized land.

Underground waters flooded 2 662 hectares, whereof 90.5% related to utilized land. The greatest share of utilized agricultural land was flooded in the Danube basin, amounting to 2 030 hectares.

Drainage system covered 4.9% more land than in 2016. SLIV Danube with 1 672 thousand hectares has the greatest area covered by drainage system, followed by SLIV Save, with 337 thousand hectares and Morava, with 89 thousand hectares. Length of drainage system was by 2.0% increased, compared to the previous year.

In 2017, area of eroded land amounted to 3 853 km², presenting the increase of 7.4% relative to the previous year. Reclaimed land amounted to 435 km².

Graph Structure of utilized agricultural land protected against floods, 2017



1. Floods and protection against damaging water effects, 2016–2017

| | 2016 | 2017 |
|---|-----------|-----------|
| Area and facilities protected against floods | | |
| Total flooded area, ha | 1 385 542 | 1 588 054 |
| Utilized agricultural area, ha | 1 077 760 | 1 202 558 |
| Settlements, number | 648 | 705 |
| Industrial facilities, number | 728 | 829 |
| Railway lines, km | 673 | 648 |
| Roads, km | 2 337 | 2 929 |
| Total length of embankment, km | 4 104 | 3 546 |
| Drainage | | |
| Total area covered by drainage system, ha | 2 358 317 | 2 473 833 |
| Utilized agricultural area covered by drainage system, ha | 1 786 994 | 1 879 081 |
| Drainage canals, km | 7 998 | 8 157 |
| Pumping stations, number | 246 | 243 |
| Areas and facilities flooded by surface waters | | |
| Total flooded area, ha | 25 927 | 25 272 |
| Utilized agricultural area, ha | 18 850 | 19 511 |
| Settlements, number | 209 | 111 |
| Industrial facilities, number | 37 | 16 |
| Railway lines, km | 31 | 30 |
| Roads, km | 580 | 422 |
| Areas and facilities flooded by ground waters | | |
| Total flooded area, ha | 337 | 2 662 |
| Utilized agricultural area, ha | 310 | 2 410 |
| Settlements, number | 36 | 36 |
| Industrial facilities, number | 27 | 2 |
| Railway lines, km | 12 | - |
| Roads, km | 13 | 4 |
| Land erosion | | |
| Eroded land, km ² | 3 588 | 3 853 |
| Reclaimed land, km ² | 412 | 435 |

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://www.stat.gov.rs/sr-latn/istrazivanja/methodology-and-documents/?a=25&s=0>

Data series on protection against damaging water effects are available as a part of the SORS publications:

<http://www.stat.gov.rs/sr-latn/oblasti/zivotna-sredina/>

Contact: gordana.isailovic@stat.gov.rs phone: 011 3290-242

Printed and published by: Statistical Office of the Republic of Serbia, Belgrade, Milana Rakica 5

Telephone: +381 11 2412-922 • Fax: +381 11 2411-260 • www.stat.gov.rs

Responsible: Dr Miladin Kovačević, Director

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