

????????, ???, ?????, ????????????? ???????? (???????? ??? ?????, ?????, 9. X 1951). ?????? ?????? ?????? 1975. ?? ??????-???????????? ????????? ? ??????, ? 1978. ?? ?????? ?? ?? ? ?????, ?? ?? ?????????? 1981. ? ????????? 1984. ?? ?????? ????????? ?????? je 1996. ?????? ????????? ?????????, ????????????? ??????, ?????? ???, ?????????? ???, ?????????????? ? ????????? ?????????? ??? ?? ????. ?? 1991. ?????? ?? ????????? ????????? ?????????? ?? ?????? ?? ? ?????? ????. ??? ?? ??? ?????????? ????????? ?? ?????? ? ?????? ????????? ?????? ?? ??? ?????? ??????. ??? ?? ?????????????? ? ?????? ?????????? ? ?????? ?????????? ?? ?????? ??? ? ??????????. ?????? ?? ? ??? ?????????????? ?????? ??? ?? ?????????????? ?????? 15 ?????????????? ? ?????????????? ?????????? ? ?????? 80 ?????????? ?? ?????? ??????????. ?? ?????? ?????? ?? ?????? ?????????????? ?????????? ?? ?????? ??? ? ?????? ????. ?????? 1997. ?????? ?? ?????? ?? ?????? ?????? ?????? „????????? ???“. ?????? ?? ????????? ?????????? ?????????????? (? ??? 2012) ? ?????????? ?? ?????????? ??? ??????. ?????? ?? ??? ?????????? ??????, ? ?? ?????? ?????????????? ??? ?????? ??? ?????? ?????????????? ?????? ?? ?????? ?????? ? ?????? ?????? ?????? ??????. ??? ?? ?????????? ?????????? ?????? ? International Water Association (IWA). ?????? ?? ?????? ?? ?????????? ?????????? ?????????? ?? ?????? ??? ? ?????? ???, ?????? ?? ?????????? ?????????? ? ??? ? ?????? ?????????????? ?????????? ? ?????? ???.

????: ?????, „Purification of High-Salinity Wastewater b? Activated Sludge Process", *Water Research*, 1996, 295; ?????, „Pollution of the Begej Canal sediment -- metals, radioactivity and toxicity assessment", *Environmental International*, 2006, 606; ?????, „Quantifying the environmental impact of As and Cr in stabilized/solidified materials", *Science of the Total Environment*, 2011, 366.

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