

Although commercial fishing is banned by law since 2006, poaching occurs extensively on sturgeon, evidence of the fact that 66% of specimens monitored in this project were poached.

In Romania is likely to be represented by only 4 of the 6 previously existing sturgeon species in the Danube. Of all the European countries bordering the Danube, Romania and Bulgaria have in the territorial waters the only wild anadromous sturgeon specimens, from here one can be highlighted the importance of achieving rapid protection measures and the recovery of critically endangered species. The sturgeon monitoring in order to determine the routes of migration, spawning habitats, knowing the behavior of specimens in certain situations hydrological, in conjunction with the information and awareness of the population and the authorities about the importance of protecting the aquatic biodiversity, represents measures to be implemented urgently to improve the conservation status of these species in danger of extinction.

determined using the generalized additive method, *Journal of Hydrology*, No. 534, 2016, pp.11–18.

References:

- [1] X1. Adams, P., Grimes, B., Hightower, J., Lindley S., Mose, M., Status Review for North American Green Sturgeon, *Acipenser medirostris*, National Marine Fisheries Service Southwest Fisheries Science Center, 2002.
- [2] X2. Billard, R., Lecointre, G., Biology and conservation of sturgeon and paddlefish, *Reviews in Fish Biology and Fisheries*, no.10, 2001, pp. 355–392.
- [3] X3. Deak, G., Raischi, M., Badilita, A., Oprea, L., Comparative study on the use of new sturgeon migration monitoring systems on the lower Danube, *Environmental Engineering and Management Journal*, no. 15, 2016, pp.1081-1085,.
- [4] X4. Deak, G., Raischi, M., Badilita, A., Research tools and Techniques for sturgeons spawning migration monitoring, *ISBN 973741339-3*, 2013.
- [5] X5. Hubenova, T., Uzunova, E., Zaikov, A., Management strategies in protection and restoration of sturgeon biodiversity in Bulgaria, *Conference proceedings - IV International Conference „fishery“*, 2009.
- [6] X6. Niculescu-Duvăz, M., Migrația peștilor, *ISBN:81490CPCSMI*, 1958.
- [7] X7. Ustaog, S., Okumuş, I., The Sturgeons: Fragile Species Need Conservation, *Turkish Journal of Fisheries and Aquatic Sciences*, no. 4, 2004, pp: 49-57.
- [8] X8. Yujun, Y., Sun, J., Zhang, S., A habitat suitability model for Chinese sturgeon