

Inia. sp Populations (amazon pink dolphin) in Different Hydropower: How Much Progress for These Populations?

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River dolphins are the only cetaceans compete directly with human actions that are changing in many ways their habitats and their eating habits. Construction of dams and hydropower have been one of the major impacts that river dolphins are facing. The construction of hydroelectric projects on rivers of the Amazon basin and the Araguaia-Tocantins basin are numerous. Proposals are 304 dams, 46 of these are already in operation and 258 are planned for these areas. Despite all human actions that directly or indirectly influence the river dolphins, and the effect of fragmentation on populations of *Inia geoffrensis* and *I. boliviensis* is restriro and most of these hydroelectric projects are for those species occurrence area. Populations of dolphins will be evaluated in different reservoirs in order to know what the future of these populations evaluating the impact caused by dams on populations of red-button Basins Amazon and Tocantins-Araguaia. For data collection method will be used to distance samples via transect band, which runs along the bank of the river at low speed (10km / h) at a distance of 50 meters from river bank. The method consists of three persons experienced in this methodology, counting all the animals they see the surface within this area. For each sighting is noted the number of animals in the group, age structure, distance from the pink dolphin to the river bank and what kind of margin associated with the sighting. The project is in doing data collection in the reservoirs. Will average 10 hydroelectric reservoirs studied from different ages and sizes. It is expected by the end of the work have a good answer for populations that are already isolated and those that will be in the coming years.