

Recruitment of the seabob shrimp *Xiphopenaeus kroyeri* in Suriname

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The Atlantic seabob shrimp *Xiphopenaeus kroyeri* occurs abundantly in the shallow coastal waters in Suriname, where it is an important fishing resource for both industrial and artisanal fisheries. Studies on the species are very limited on the northern coast of South America, although information on the biology of exploited species is crucial for a sustainable and ecosystem-based fisheries management. In this study, we will examine where and when juveniles (postlarvae) of the seabob shrimp occur and recruitment to the exploitable stock takes place. In 2014, year-round sampling of the hyperbenthos will be conducted in an inshore-offshore transect. Analysis of these samples will reveal the spatio-temporal distribution of postlarvae and their environmental preferences. This information could guide fisheries managers to efficiently define closed seasons if necessary: no-fishing periods to allow shrimp populations to rebuild.