

Interactive comment on “A study on distribution of chlorophyll- \vec{a} in the coastal waters of Anzali Port, south Caspian Sea” by S. Jamshidi and N. Bin Abu Bakar

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Dear Professor We would like to thank you for your helpful comments. In order to prepare a qualified paper we try to do your comments in the manuscript. - The structure of the text will be edited prior to submission. - The discussion on levels of chlorophyll concentrations and its effects on the marine environment, and relation between chlorophyll-a concentration and phytoplankton biomass will be re-arranged. - We re-structure the results section and present statistical analysis including average values \pm standard deviation on chlorophyll concentrations for various levels of water column, and also minimum and maximum concentrations for each transect. - As you suggest,

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we provide a table that lists the stations sampled, sea surface temperature, mixed layer depth, depth of the subsurface chlorophyll maximum and surface and subsurface chlorophyll concentrations. - We will provide a literature on circulation in the southern Caspian Sea, and dynamics in the southern shelf. - Based on collected data and measurements through the previous anomalous algal blooms in the southern basin of the Caspian Sea, a range and threshold of chlorophyll-a concentrations will be presented as an idea for future oceanographic monitoring in coastal areas.

Interactive comment on Ocean Sci. Discuss., 8, 435, 2011.

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8, C254–C255, 2011

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