

**INTERANNUAL VARIATIONS OF THE EAST-KAMCHATKA AND EAST-SAKHALIN  
CURRENTS TRANSPORT AND ITS IMPACT ON THE TEMPERATURE AND CHEMICAL  
PARAMETERS IN THE OKHOTSK SEA**

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The impact of the interannual variations of East-Kamchatka Current (EKC), Oyashio Current and East-Sakhalin Current (ESC) on temperature, nutrients, dissolved inorganic carbon and dissolved oxygen in the Okhotsk Sea was analyzed. It is shown that there is a strong correlation between the interannual changes of EKC/Oyashio and ESC transport rates computed by using Sverdrup relationship and the temporal variations of the sea-level at the coastal stations in winter. It is estimated that variations in EKC/Oyashio and ESC transport rates are responsible for the observed temperature and chemical parameters interannual changes in the intermediate waters of the Okhotsk Sea.