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THE NEW GENERATION SEISMIC SUBSYSTEM OF TSUNAMI WARNING SYSTEM AND PROCESSING OF THE GREAT EARTHQUAKE IN THE JAPAN OF MARCH 11, 2011, M_W = 9.1

V.N. Chebrov[1], Yu.N. Levin[2], D.V. Chebrov[1], D.A. Ototyuk[1], S.A. Vikulina[1]

[1] *Kamchatka Branch of the Geophysical Survey, Russian Academy of Sciences, Petropavlovsk-Kamchatsky, Russia*
[2] *Sakhalin Branch of the Geophysical Survey, Russian Academy of Sciences, Yuzno-Sahalinsk, Russia*

The seismic subsystem of the tsunami warning system which was developed in 2006–2010 by the Geophysical Survey of RAS within the special federal program “Hazards reduction and mitigation of natural and technogenic emergences in the Russian Federation until 2010” is briefly described. The Great earthquake in the Japan of March 11, 2011 (M_W = 9.1) was successfully registered and processed by the new generation seismic subsystem. The main results of the processing are presented in this paper.

Keywords: tsunami, earthquake, tsunami warning system, seismic network.