Many various precursors were observed before the Tohoku earthquake (gravity anomalies, electromagnetic anomalies, sea-floor up-rise, geomagnetic anomalies, deformation anomalies, ....). Some of them allow to predict the earthquake near Honshu (MDCB – 23.2.2011, GNFE 9.3.2011.

However, what was the triggering mechanism of the earthquake? Was it changes of the Length Of the Day (LOD), similar to the Chile earthquake? Or was the EQ triggered by the solar irradiance of the Eurasian surface, as in the case of the Sichuan (Wenchuan) EQ, or was it the influence of the big solar flare on the earth’s crust? Probably the triggering was a combination of all these factors.