

Development of Estimation Tools for Scenario Earthquake Shaking Maps by using the Recipe for Strong-motion Prediction

Shigeki Senna[1]; # Nobuaki Kudo[1]; Kazushige Suzuki[2]; Hiroyuki Fujiwara[1]

[1] NIED; [2] Dia Consultants Co., Ltd.

<http://www.j-map.bosai.go.jp>

Recently, the number of analysis cases has increased according to the earthquake ground motion estimation of a local government and national projects, etc. However, it is not in the situation in which the earthquake ground motion estimation results can be examined enough in still a lot of laboratories and private companies. The tools are development for the efficiency improvement of the setting though the system that calculates the earthquake ground motion estimation and the earthquake ground motion by the distance attenuation relationship system(1) and the hybrid method system(2) is being developed by NIED as for it. The process of the investigation can be shortened in using the above-mentioned system. It was executed for (1) and (2) that had been shown about the development of an easy, comprehensible GUI tool in this research material.