

Traditional technique : **Ring dike** (Applications of structural approaches)

Category : Ring dikes

River : Omonogawa (Omono River)

Site : Kowakubi area (Akita Pref.)

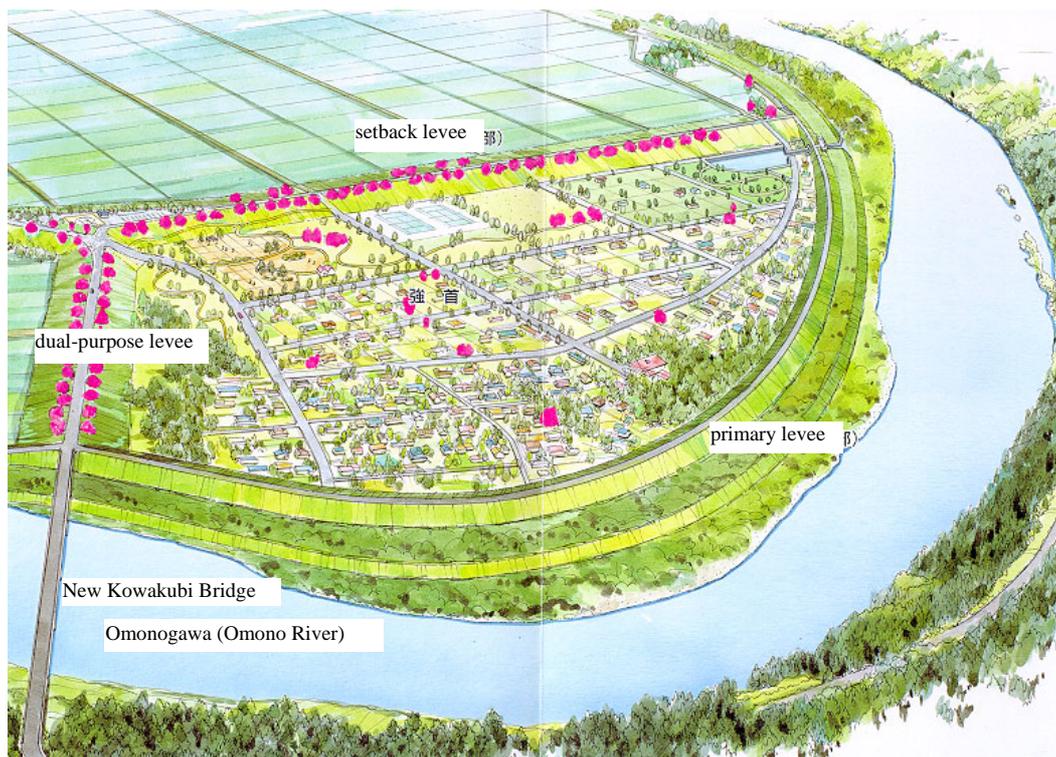


Image of the planned ring dike around the Kowakubi area by the Omono River

Source: Kowakubi Ring Dike (in Japanese), Yuzawa Work Office, Ministry of Construction

Description:

The area consisting of Kashimadai-machi, Osato-cho and Matsushima-machi sandwiched between The Kowakubi area, which developed along the inner bank of the Omonogawa (Omono River), has long suffered frequent floods. Since dike construction along the middle reaches of the river including the Kowakubi area requires considerable time because of the overall conditions of the region, it was decided to protect only this area with a ring dike. The area of the ring-diked land will be about 30 ha, of which about 12 ha will account for newly planned districts. A committee for the planning of the Kowakubi area has been established to deliberate on community planning in the ring-diked area, and research efforts are underway toward the implementation of the project.