- Background -

**Traditional design method**
Overtopping destroys embankment

**New design method**
Embankments are strengthened so as not to be destroyed by overtopping.

- Method -

Dredge → Mixture → Initial stabilized-soil → Crushed soil → Embankment

- Application example -

Improves earthquake and tsunami resistance by using **Crushed and Stabilized Method**. Allows effective utilization of existing embankment.

- Laboratory test result -

Overtopping test using model embankments at Kyoto university. It proves the effectiveness of **Crushed and Stabilized Method** against overflow.

Compare: **Crushed and Stabilized Method**, sand, general soil

Overflow test (small size)                    Overflow test (large size)