



## Rivers, Soil Erosion / Coasts, Oceans / Agriculture

By realizing the seismic resistance and life prolongation of infrastructure facilities managing river control and water resources to conserve the entire watershed, we will work on social development that utilizes existing infrastructure in a useful and effective way while ensuring regional safety/security.

At the same time, to conserve the benefits brought by watersheds, we will investigate the possibility of natural regeneration energy for a low-carbon society, as well as make plans / designs.

### Rivers / Soil Erosion

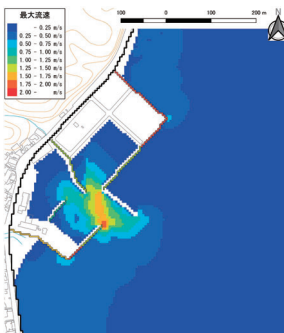
With climate change in recent years, many disasters related to rivers, and soil erosion have occurred; thus, it is necessary to maintain rivers and soil erosion against these disasters to protect the lives and property of residents. We provide total support, encompassing both software and hardware, to prevent such disasters in advance.

- Detailed design of seawalls
- Structural seismic reinforcement design
- Steel pile revetment repair plan
- Nature restoration projects
- Sluice gate reserve design
- Flooding hazard map



Structural seismic reinforcement design

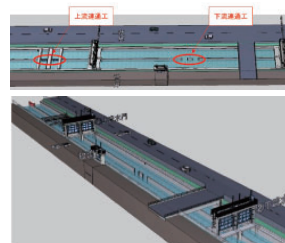
### Fishing harbors / ports



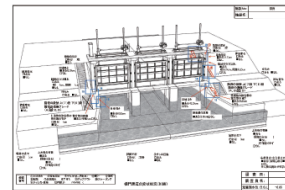
Tsunami simulation

For long-existing deteriorated facilities that have been in operation for several decades, we provide total support from survey and inspection for current facilities to lifecycle-planing proposals.

### Agriculture



We are designing surveys and diagnoses of facilities such as irrigation channels drainage channels and ponds, with the aim of improving the agricultural environment for the provision of a stable social foundation. We are also drafting conservation plans, and performing renewal designs for facilities.



Water use facility function maintenance plan

- Irrigation facility design / business planning
- Diagnoses related to the drawing up of functional conservation plans

### Coasts / Oceans



Wave dissipating works seismic reinforcement design

The conservation of coastal regions at the boundary surrounding our nation is a vital issue for our country's development, so we are providing comprehensive proposals and support.

- Coastal erosion countermeasure survey plan
- Coastal conservation facility reserve detailed plan

### Environment / New Energy



Small hydropower plant planning design

To pass on a healthy and sustainable environment to our descendants in the next generation, we are making proposals that contribute to creating low-carbon, recyclable, and symbiotic societies with a virtuous cycle that considers the region, economy, and environment.