

Subject of study:

## Development of generator using tidal-ocean current in the Tsugaru Strait

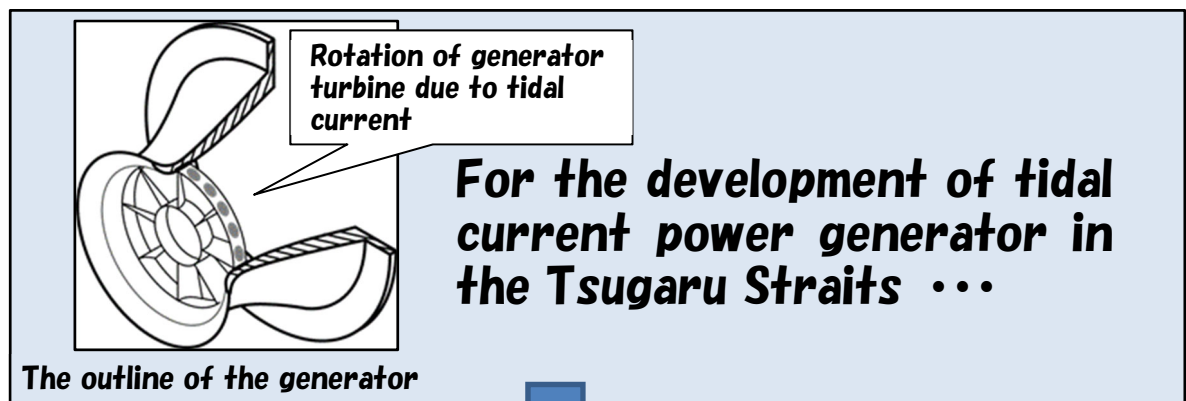


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Affiliations:	Japan Society of Civil Engineers		
Keywords:	Hydraulic experiment		
Technical Support Skills:	<ul style="list-style-type: none"> <li>•Development of tidal-ocean current power generator</li> <li>•Operation of wave making apparatus</li> <li>•Production of Tsunami reproduction model etc</li> </ul>		

### Research Contents: Development of generator using tidal-ocean current in the Tsugaru Strait

In addition to supporting practical training in civil engineering field, I am engaged in research and development of generator using tidal-ocean current in the Tsugaru Strait.。

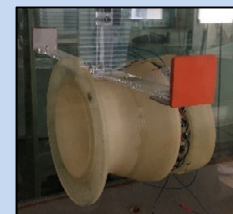
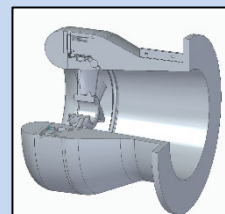
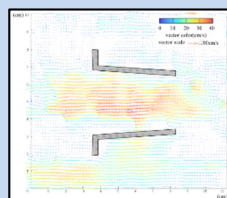
I am working on various experiments such as experiments on the shape of generator and generation measurement experiments using power generation models in order to realize environmentally friendly energy using tidal currents.



### Research on the development of generator is carried out by various experiments.



The Flow visualization experiment around the generator



The Power generation measurement experiment using the power generation model

### Available Facilities and Equipment:

Two-dimensional wave making channel experimental device WHI51013.5-HW(機械研究株式会社)	
Two-dimensional tiltable open channel experimental device(機械研究株式会社)	