For All Forms of Life.
NIKKEN KOGAKU CO., LTD.

Company Profile

Name in Full :	Nikken Kogaku Co., Ltd.	Head Office:	17F Nittochinishishinjuku Building 6-10-1 Nishishinjuku, Shinjuku-ku, Tokyo, 160-0023, Japan
Establishment :	March 1964	Telephone:	(81-3)3344-6811
Capital :	9,854,500USD	Telefax:	(81-3)5381-7377
President :	Yoji MINAKAWA	E-mail:	Int-mail@nikken-kogaku.co.jp
Employees	114	Website:	https://www.nikken-kogaku.co.jp/English/
Clients	・Ministry of Land, Infrastructure, Transport and Tourism ・Local governments across Japan ・Construction companies across Japan and South Korea ・Construction consultants across Japan		

Providing Services

Since 1964, we have been working on the development and dissemination of new technologies and new construction methods aiming at disaster prevention of the national land against various natural disasters such as high wave, tsunami, typhoon, flood, erosion, etc. and conservation of the rich natural environment. Through cooperation with universities, research institutions and different industries, we develop and propose manufacturing methods for a wide range of products such as wave-dissipating block, revetment block, natural stone block and Geosynthetics.

In March 2019, Nikken Kogaku received **"JAPAN Construction International Award"** from the **Minister of Land, Infrastructure, Transport and Tourism** in recognition of its **international business efforts and contribution**.

Main Products

RAKUNA-IV

A radiation-type wave dissipating block with 4 hollows on the surface. Interlocking of legs and hollows prevents damage from spreading and improves stability against wave force and wave dissipating effect.

STONE-BLOCK

An economical block developed to be widely used for gentle slope revetment works, breakwater armor units, foot protection works and etc. to protect coasts and rivers from wave, flow and erosion.

GRASP

Realizing outstanding stability against severe waves by strong interlocking of blocks. High stability number has been confirmed by the hydraulic model experiments jointly conducted with Kyoto University.

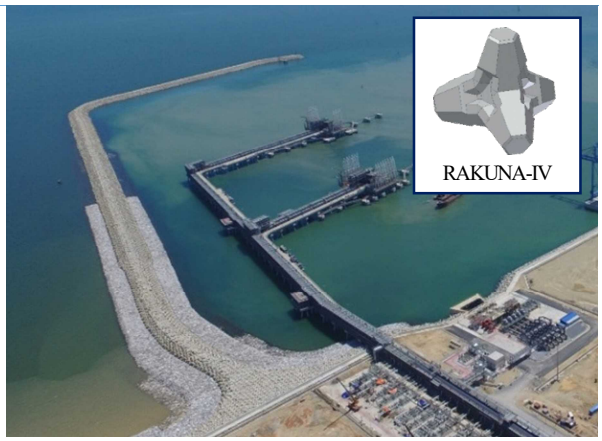
SEALOCK-VIII

Realizing high stability against waves and flow by strongly interlocked 4 legs. For places with high waves, it is an economical wave-dissipating block that does not use reinforcing steels inside.

Project Achievement／Technical Expertise

Nghi Son Refinery and Petrochemical (NSRP) Complex is the second oil refinery in Vietnam. RAKUNA-IV is being used for the rubble-mound breakwater protection in the NSRP Project. The breakwater with the total length of 1.55km is completed in Dec. 2015. Approximately 700 pcs of 12t block for roundhead and 23,000 pcs of 8t block for the trunk section and the revetment were installed in the whole breakwater. When comparing RAKUNA-IV and conventional TETRAPOD, RAKUNA-IV was expected to reduce 12,000 m^3 concrete volume, and shorten the construction period by up to 200 days.

The quality and technology of RAKUNA-IV were highly evaluated in the NSRP Project, which led to the adoption for breakwaters of ongoing projects at Chan May Port in **Vietnam** and Patimban Port in **Indonesia**.



Contact Personnel	Mail Address:
Naozumi Yoshizuka	yoshizuka@nikken-kogaku.co.jp