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[\[Sci-tech Policy\] NARL Proposes Five Annual Focuses in 2012](#)

[Sci-tech Policy] NARL Proposes Five Annual Focuses in 2012 ([Chinese Version](#))

CNA (2012/02/05) Following the national policy for sci-tech development, President of National Applied Research Laboratories (NARL) Wen-Hwa CHEN told the press that this year the affiliated institutes and laboratories will focus on five topics about people's liveliness and wellbeing or economic development, especially highlighting the elevation of disaster prevention and damage reduction technology and the support for industrial development. The five annual goals are: to develop disaster prevention technology, to develop self-reliant space technology, to support national marine survey, to construct cloud computing platform and to promote 12-8 nano technology.

Regarding the disaster prevention technology, CHEN pointed out that in response to the growing frequency of the visiting compound disasters around the world during the past few years, NARL will cope with the Executive Yuan's plan of disaster prevention technology and application and intensify the integration of its affiliated resources, enhancing the research and development capacity against compound disasters and reducing the possible damage and lost.

As for the self-reliant space technology, CHEN said that National Space Organization (NSPO), Instrument Technology Research Center and National Chip Implementation Center will continue the development of FORMOSAT -5 as the implementation of the policy

Besides, Taiwan Ocean Research Institute planned to build a 2700-ton research vessel OR-5 (Ocean Research), which will be the biggest advancing marine research vessel in Taiwan. The vessel's operation will begin in this July.

According to CHEN, OR-5 will provide services such as early observation of marine disasters, marine ecology protection, nature resources survey and homeland security, etc.

National Center for High-Performance Computing will follow the Executive Yuan's Development Plan for Cloud Computing Industry, investing in the development of the environment and technology of cluster software and trying to build a large cluster clouding system.

CHEN said, in the following months, National Nano Device Laboratories will form an 12-8 nano devices r&d affiliation with the industries, promoting the 12-8 nano technology and getting ready the patent array as well as the obtainment of core technologies. With the affiliation, the elevation of the r&d capacity of Taiwan's semi-conductor industries was expected.

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[\[Cloud Computing\] ITRI Sets up Cloud Computing Research Center 2009/09/20](#)

Reference:

[CNA 2012/02/05](#) (Chinese)

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[National Science Council International Cooperation Sci-Tech Newsbrief](#)

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