

Wuhan University launches earth observation satellite Luoja-1

By Li Jia

On June 2, the Gaofen-6, a new earth observation satellite, successfully lifted off at 12:13 P.M. from Jiuquan Satellite Launch Center. Luoja-1, a scientific experimental satellite, blasted into space on the same rocket.

This is the 276th mission of the Long March rocket series. The Long March-2D rocket ferried the Luoja-1 scientific experimental satellite with its surplus capacity. Initiated by Wuhan University and jointly designed with the Chang Guang Satellite Technology Co., Ltd., Luoja-1 is the first professional nighttime light remote sensing satellite for this purpose of scientific observation from low orbit and enhanced navigational signal.

Luoja-1 is equipped with a highly sensitive nighttime light camera with 130-meter ground resolution. It can "see" all the illuminated bridges over the Yangtze River at night. It will be used to provide objective criteria for government decision-making by monitoring the domestic and global macroeconomic operations in the future.

The scientific experiment satellite project plans to take 01 and 02 satellites to the skies. Weighing 22 kg, the 01 satellite will be mainly used for nighttime light remote sensing technology, while 02 will focus on radar technology to survey and explore objects and monitor topographical and land-surface changes. The satellite launched at this time was the 01.



Rocket carrying Gaofen-6 and Luoja-1 (Xinhua)

Call for international designs for north Tortoise Hill area

By Wang Yaxin

The Wuhan Land Use and Urban Spatial Planning Research Center announced on the website of UN-Habitat that it is now accepting proposals from international students for the design of the northern areas of Tortoise Hill.

At the confluence of the Yangtze River and the Han River, the northern areas of Tortoise Hill have rivers, lakes, cultural relics, and other geographic features. There are 10 places, such as the Wuhan Yangtze River Bridge and ancient Qintai, that are under protection. How to highlight the value of the Yangtze River cultural relics is the challenge in its design.

This competition is open to applicants from students majoring in urban planning, urban design, architecture, landscape building, urban economy and other relevant majors. Students may work individually or in a group. Registration information can be found on the websites unhabitat.org and fukuoka.unhabitat.org.

Experts from the UN-Habitat and the Wuhan Land Use and Urban Spatial Planning Research Center will evaluate submissions. Three groups will be selected and invited to join Space Construction Week in November in Wuhan.

Section of Sukkur-Multan highway opens to traffic

By Han Wei

The 33-kilometer section of the Sukkur to Multan highway in was opened ahead of time to traffic at 11 A.M. on May 26. It was built by the China Construction Third Engineering Bureau Company, a Wuhan-based company and it marks the initial progress of the Peshawar-Karachi Motorway (PKM project), which is the biggest transport infrastructure project for the China-Pakistan economic corridor.

The PKM project starts at Karachi, the biggest city in the south of Pakistan, and ends at

Peshawar, a city in the northwestern part of the country. With a total length of 1,152 km, it is an economic artery connecting the north and south of Pakistan.

The Sukkur-Multan section, as a part of the PKM project, was designed and built by China using the general contracting model. With a total length of 392 km, it is a two-way six lane highway and is designed for vehicles travelling at 120 km per hour. The 33-kilometer section, which is currently open to traffic, is 15 months ahead of schedule.

During the construction of the entire project, nearly 30,000 Pakistanis were employed directly, which greatly increased local employment figures. The project has also stimulated the development of local enterprises and industries. The project staff also actively carries out public welfare activities on a regular basis, such as free education and medical consultations in the villages, digging wells, and repairing canals.

The entire project is expected to be completed in August 2019.

MWG official hospitals preliminarily determined

By Liu Ruiche

The leading group of the 7th Military World Games (MWG) held its first meeting on medical and health services in Wuhan on May 24. The meeting announced that a preliminary list of the official and designated hospitals for the 7th MWG has been determined. Wuhan Union Hospital will be responsible for the preparation and operation of the medical and health service center at the athlete village.

Tongji Hospital, Union Hospital, Zhongnan Hospital, and the PLA Wuhan General Hospital were selected as the WMG official hospitals; 35 tertiary hospitals in different districts of the city, and four hospitals in the new urban districts, were chosen as designated hospitals for the games.