Xiantao Guohe fish pond photovoltaic panels

Can a solar plant atop a fish pond in China?
Concord New Energy,a Chinese company that specializes in wind and solar power project development and operation,has installed a 70 MW solar plant atop a fish pond in an industrial park in Cangzhou,China's Hebei region,according to an initial report from PV Magazine.

Does fishery complementary photovoltaic (FPV) power plant affect radiation and energy flux?
Meanwhile,the underlying surface of PV in land is significantly different from those in lake. The fishery complementary photovoltaic (FPV) power plant is a new type of using solar energy by PV power plant in China. The studies of the impact of FPV on the balance of both radiation and energy flux have been less presenting.

Are fishery complementary photovoltaic power plants a new surface type?
The deployment of photovoltaic arrays on the lake has formed a new underlying surface type. But the new underlying surface is different from the natural lake. The impact of fishery complementary photovoltaic (FPV) power plants on the radiation,energy flux,and driving force is unclear.

Where is Tongwei Huantai 10 MW fishery complementary photovoltaic demonstration base located?
The trial was conducted on the Tongwei Huantai 10 MW Fishery Complementary Photovoltaic Demonstration Base. This base is located on the Yangzhong City,Jiangsu Province of Eastern China. Yangzhong is situated in the middle of the northern subtropical monsoon climate zone,with a mild climate,abundant rainfall and the same season of rain and heat.

What is a fishery-solar hybrid system?
The hybrid system integrates solar power generation with fishery in a unique way that not only saves land but also produces clean energy. The fishery-solar hybrid system is a type of floating solar farmsthat has grown in popularity over the years as solar power has evolved to meet the needs of our increasingly climactic times.

What are the coordinates of the fishery complementary photovoltaic demonstration base?
The central coordinates of study area 32°17?5?? N,119°47?39?? E,and the altitude is 2 m. The fishery complementary photovoltaic demonstration base is composed of four ponds of 5.7-8.9 acre. The FPV is located on the central the pond with about the water depth from 2.5 m to 3 m.

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