

## Main Concerns

Year	Main Concern	Partners
2007-2008	Sustainability of the ocean	WWF
2008-2009	Renewable energy	EC Fund, Green Power
2009-2010	HK Geo park	Geography Society

### Why Ocean?

Fish stocks in Hong Kong waters have crashed from their once-bountiful levels. Declining from its peak in the 1970s, Hong Kong's commercial fishery now sees catch rates of only one quarter of what they used to be, and much of the catch now is juveniles. Ecosystem collapse is a real possibility.

The damage to the marine environment is caused by land reclamation, dredging and dumping, pollution, and decades of commercial fishing without sustainable fisheries management. Less than 0.5% of our waters are properly protected in no-take marine reserves, a pitiful figure.

Restoration of the ecosystem is the only way to prevent a widespread collapse of fish stocks and achieve sustainable fisheries. WWF launched the Save our Seas Campaign in 2005. We joined the campaign in 2007 and have the sustainable sea food lunch every first Friday of each month since then.

### Why renewable energy?

Carbon dioxide is one of the greenhouse gases that cause global warming. It is known that burning of fossil fuel is the main source of the carbon dioxide. A UN research in 2004 claimed that our emission of carbon dioxide exceeded the carrying capacity of the atmosphere. Our life style is not sustainable.

To reduce the emission of carbon dioxide, we need to change the energy consumption habit of people, but it takes time and it should be a continuous process lasts forever. Introducing low carbon life in autumn 2009 will be one of our jobs.

Or we may develop the renewable energy to replace the fossil fuel. That's why in

2008, we launched the program of renewable energy. We installed four hybrid roadside lamps and a renewable energy lab. We hope the lamps stimulate the students and the lab provide them a place to conduct the renewable energy experiments.

### **Why Geo Park?**

Hong Kong is such a modern city that our students are familiar with the cityscape, but the natural green resources are just next to us. It takes not more than one hour for us to contact the wild HK. As the preparations for establishing the Hong Kong Geo Park are advancing, it is a good chance for us to display the beauty of mother nature.

Eight sites are included in eastern Hong Kong. They cover the oldest and the youngest rocks in HK. By exploring the rock landscapes, students' awareness and knowledge of geological environment will be increased. It is the best avenue to work towards the successful preservation of Hong Kong's unique geological features.